



April 28 - May 1 | 28 avril - 1 mai

St. John's Convention Centre  
Delta St. John's Conference Centre



AMMI Canada - CACMID  
Annual Conference 2026 Conférence annuelle

# Final Program Programme final



"Where Canada's experts in clinical microbiology and infectious diseases meet"  
"Point de rencontre des experts Canadiens en microbiologie médicale et infectiologie"

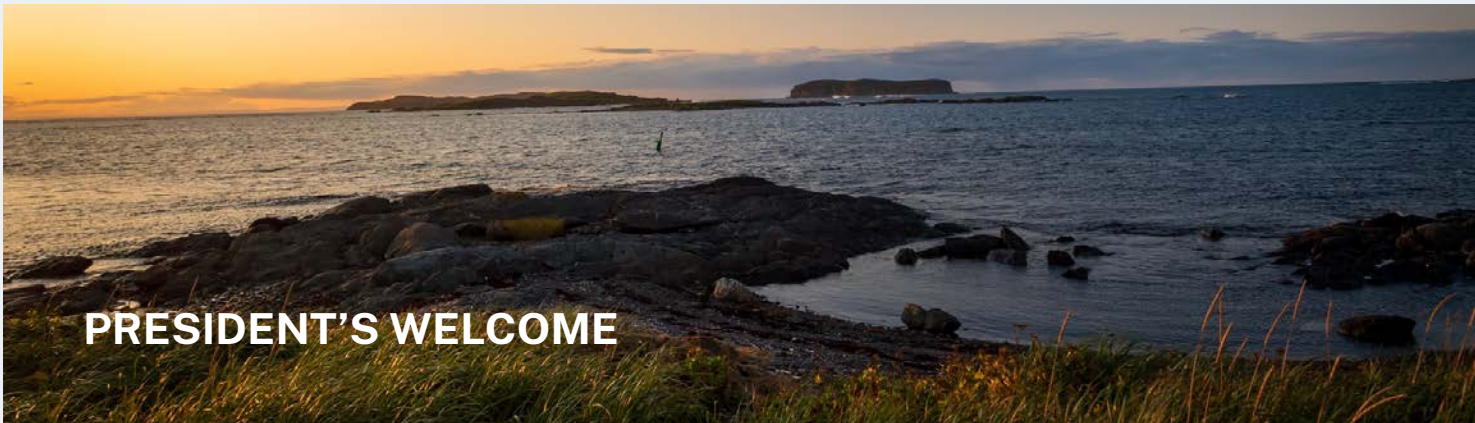


# Table of Contents



1. Presidents Welcome	03
2. About the Conference	05
3. Collaborating Societies	06
4. Committees	07
5. Boards	08
6. Accreditation, CanMEDs Competencies and Conflict of Interest	09
7. Evaluations and Online Platform	11
8. Education Grants	12
9. Association, Committee and Other Group Meetings	13
10. Registration, Speaker Ready and Internet Café	14
11. St. John's, Hotels and Where Things are Happening	15
12. St. John's Convention Centre (SJCC) and Delta St. John's Floor Plans	17
13. Awards – Celebrating Excellence	20
14. Student Poster and Oral Awards	22
15. Accredited Co-developed Learning Activities	23
16. Scientific Program	25
17. Poster Floor Plan	51
18. Poster, Rapid Fire and Case Report Presentations	53
19. Author List	101
20. Dr. Bugs Escape Room	112
21. CFID Bug Run	113
22. Unaccredited Learning Activities	114
23. Exhibitor Index and Exhibit Hall Floor Plan	116
24. Innovation Lounges	117
25. Exhibitor Directory	118
26. Save the Date Calgary 2027	129
27. Sponsors	130





## PRESIDENT'S WELCOME

On behalf of the Association of Medical Microbiology and Infectious Disease Canada (AMMI Canada) and the Canadian Association for Clinical Microbiology and Infectious Diseases (CACMID), we are pleased to welcome you to the 2026 AMMI Canada – CACMID Annual Conference on the prevention, diagnosis, and treatment of infectious diseases.

We respectfully acknowledge that this meeting is taking place in St. John's, Newfoundland and Labrador, on the ancestral and unceded traditional territories of the Beothuk, the lands and waters in and around the city have traditionally served as a gathering place for the Mi'kmaq. The broader region of Newfoundland and Labrador continues to be home to diverse Indigenous Peoples, including First Nations, Inuit, and Métis. We honour and pay respect to the past, present, and future caretakers of the territories.

The AMMI Canada – CACMID Annual Conference promises to be an outstanding opportunity to learn, share ideas, and connect with colleagues, while experiencing the unique culture and coastal beauty of St. John's.

The Central and Scientific Planning Committees have developed an exceptional program featuring cutting-edge topics and distinguished speakers in adult and paediatric infectious diseases, diagnostic microbiology, and infection prevention and control.

Highlights include the opening plenary, *Evidence, Trust and Misinformation: A Panel Discussion*, featuring leaders from Canada and the United States, including Dr. Jeanne Marrazzo, CEO of IDSA, and Dr. Robin Patel, a Past President of ASM. This session will examine the state of evidence-based medicine amid growing misinformation and explore its impact on clinical practice, public trust, and policy, while identifying strategies to strengthen scientific integrity across borders.

Building on the success of previous years, "Lightning Learning" sessions will continue in 2026, offering concise, high-impact presentations that run concurrently with Masterclasses. These sessions provide focused insights into timely and practical topics. New additions to this year's program include the debate *Metagenomics at War – Revolution or Evolution?* and the workshop *Hands-On Primer in Wound Care*, further enhancing opportunities for interactive learning and discussion.

The program also features high-quality posters, oral presentations, rapid-fire sessions, and case reports that highlight innovative research from students, residents, fellows, and colleagues across the country.

Join us in the exhibit hall for the Welcome and Recognition Reception – an opportunity to reconnect with colleagues and celebrate this year's award recipients. Brief award presentations will take place throughout the conference to recognize and honour outstanding contributions to the field.

We gratefully acknowledge the generous support of our industry partners, sponsors, and exhibitors, whose contributions make this high-calibre meeting possible. We encourage you to visit the exhibit hall to explore the latest developments and expand your professional network.

AMMI Canada and CACMID are proud of our long-standing partnership in delivering this annual conference. On behalf of the Central and Scientific Planning Committees, we look forward to welcoming you to St. John's for an educational, engaging, and memorable experience.

*Yves Longtin*  
President, AMMI Canada

*Prameet M. Sheth*  
President, CACMID





# MESSAGE DE BIENVENUE DES PRÉSIDENTS

Au nom de l'Association pour la microbiologie médicale et l'infectiologie Canada (AMMI Canada) et de l'Association canadienne de microbiologie clinique et des maladies infectieuses (CACMID), nous sommes heureux de vous souhaiter la bienvenue à la Conférence annuelle AMMI Canada – CACMID 2026 portant sur la prévention, le diagnostic et le traitement des maladies infectieuses.

Nous reconnaissons respectueusement que cette rencontre se déroule à St. John's, Terre-Neuve-et-Labrador, sur les territoires ancestraux et non cédés des Béothuks, et que les terres et les eaux dans et autour de la ville ont traditionnellement servi de lieu de rassemblement pour les Mi'kmaq. La région plus vaste de Terre-Neuve-et-Labrador demeure le territoire de divers peuples autochtones, notamment les Premières Nations, les Inuits et les Métis. Nous rendons hommage aux gardiens passés, présents et futurs de ces territoires.

La Conférence annuelle AMMI Canada – CACMID promet d'être une occasion exceptionnelle d'apprendre, d'échanger des idées et de tisser des liens avec des collègues, tout en découvrant la culture unique et la beauté côtière de St. John's.

Les comités central et scientifique de planification ont élaboré un programme exceptionnel mettant en vedette des sujets de pointe et des conférenciers de renom en maladies infectieuses chez l'adulte et l'enfant, en microbiologie diagnostique, ainsi qu'en prévention et contrôle des infections.

Parmi les points forts figure la séance plénière d'ouverture, *Preuves, confiance et désinformation : une discussion en panel*, réunissant des leaders du Canada et des États-Unis, dont Dre Jeanne Marrazzo, directrice générale de l'IDSA, et Dre Robin Patel, ancienne présidente de l'ASM. Cette séance examinera l'état de la médecine fondée sur les données probantes dans un contexte de désinformation croissante et explorera ses répercussions sur la pratique clinique, la confiance du public et les politiques, tout en proposant des stratégies pour renforcer l'intégrité scientifique au-delà des frontières.

Dans la continuité du succès des années précédentes, les séances « Lightning Learning » seront de retour en 2026, offrant des présentations concises et percutantes se déroulant en parallèle des classes de maître. Ces séances proposent des perspectives ciblées sur des sujets actuels et pratiques. Parmi les nouveautés du programme de cette année figurent le débat *La mégagénomique en guerre – révolution ou évolution* ainsi que l'atelier *Introduction pratique aux soins des plaies*, qui enrichissent les occasions d'apprentissage interactif et de discussion.

Le programme comprend également des présentations par affiches, des présentations orales, des séances éclair et des rapports de cas mettant en valeur des recherches novatrices réalisées par des étudiants, des résidents, des fellows et des collègues de partout au pays.

Joignez-vous à nous dans le hall des exposants pour la réception d'accueil et de reconnaissance – une occasion de renouer avec vos collègues et de célébrer les lauréats de cette année. De brèves présentations de prix auront lieu tout au long de la conférence afin de souligner et d'honorer des contributions exceptionnelles dans le domaine.

Nous remercions sincèrement nos partenaires de l'industrie, nos commanditaires et nos exposants pour leur généreux soutien, qui rend possible la tenue de cette rencontre de grande qualité. Nous vous encourageons à visiter le hall des exposants pour découvrir les plus récentes innovations et élargir votre réseau professionnel.

AMMI Canada et CACMID sont fières de leur partenariat de longue date dans l'organisation de cette conférence annuelle. Au nom des comités central et scientifique de planification, nous avons hâte de vous accueillir à St. John's pour une expérience éducative, enrichissante et mémorable.

**Yves Longtin**  
président, AMMI Canada

**Prameet M. Sheth**  
président, CACMID



# About the Conference

The AMMI Canada –CACMID Annual Conference is a premier forum that brings together leaders in diagnostic microbiology, antimicrobial stewardship, infectious diseases, infection prevention and control, and public health. Each year, the conference attracts participants from across Canada and around the world.

The 2026 program delivers a comprehensive, multidisciplinary learning experience, offering timely and practical updates across a wide spectrum of topics. Designed for clinicians, microbiologists, laboratory technologists, public health professionals, infection prevention and control specialists, students, and residents, the program reflects the evolving landscape of infectious diseases and medical microbiology.

The learning journey begins with Trainees' Day, a pre-conference activity designed to set the stage for the days ahead and encourage participants to arrive early. The scientific program then features:

- |  |   |
|--|---|
| ✔ <b>Plenary sessions</b>                            | ✔ <b>Short oral and rapid-fire presentations</b>                                      |
| ✔ <b>State-of-the-art clinical lectures</b>          | ✔ <b>Case report symposium</b>  |
| ✔ <b>Accredited co-developed learning activities</b> | ✔ <b>Lightning Learning sessions - concise, focused presentations on niche topics</b> |
| ✔ <b>Masterclasses</b>                               |   |

Dedicated time throughout the program supports poster viewing and presentations, fostering scholarly exchange and in-depth discussion.

The exhibit hall showcases the latest innovations in diagnostics, therapeutics, and technology. Scheduled networking times, including dedicated lunch periods, provide valuable opportunities for participants to engage with exhibitors. The exhibit hall remains an integral component of the conference, supporting discovery, collaboration, and meaningful connections with industry partners.

The **AMMI Canada - CACMID Annual Conference** continues to be an essential venue for sharing research, exploring advances in microbiology and infectious diseases (adult and paediatric), and staying current with best practices in infection prevention and control. Beyond the scientific program, the conference emphasizes collaboration, knowledge exchange, and strengthening professional connections across the community.

## CONFERENCE LEARNING OBJECTIVES

After attending the AMMI Canada -CACMID Annual Conference, participants will be able to:

- Summarize the latest updates in the fields of diagnostic microbiology, antimicrobial stewardship, infectious diseases, infection prevention and control, and public health
- Create support systems and engage with a network of experts in the fields of diagnostic microbiology



# Collaborating Societies

We gratefully acknowledge our collaborating societies for their partnership and contributions to the AMMI Canada – CACMID Annual Conference.



Canadian Association for  
HIV Research  
L'association canadienne de  
recherche sur le VIH



Canadian College  
of Microbiologists  
Collège Canadien  
des Microbiologistes



Canadian Foundation  
for Infectious Diseases  
Fondation canadienne  
des maladies infectieuses



# Committee Members

## Central Planning Committee (CPC)

### Co-Chairs

Yves Longtin  
Prameet M. Sheth

### Scientific Planning Committee Co-Chairs

Rob Kozak  
Susan Poutanen

### Co-Treasurers

Christopher Lowe  
Esther Nagai

### Sponsorship Committee Co-Chairs

Jeff Fuller

### Abstract Co-Chairs

Danielle Brabant-Kirwan  
William Connors

### Committee Members

Ramzi Fattouh  
Susy Hota  
Agatha Jassem  
Deborah Yamamura

## Student Abstract Poster and Oral Presentation Judges

Heather Adam  
Jeannette Comeau  
Ramzi Fattouh  
Todd Hachette  
Sylvain Lothier  
Ninad Mehta  
Shaqil Peermohamed  
Peter Pieroni  
Inna Sekirov  
Prameet Sheth  
Elizabeth Simms

## Scientific Planning Committee (SPC)

### Co-Chairs

Rob Kozak  
Susan Poutanen

### Committee Members

Geneviève Amaral  
Samuel Bourassa-Blanchette  
Danielle Brabant-Kirwan  
Justin Chen  
William Connors  
Cora Constantinescu  
Peter Daley  
Zareen Fatima  
Ramzi Fattouh  
Jessica Forbes  
Jodi Gilchrist  
Catherine Hogan  
Agatha Jassem  
Adam Komorowski  
Philippe Lagacé-Wiens  
Vanessa Meier-Stephenson  
Ninad Mehta  
Esther Nagai  
Glenn Patriquin  
Shaqil Peermohamed  
Megha Rohamare  
Melissa Richard-Greenblatt  
Earl Rubin Prameet M. Sheth  
Robert Taylor Nisha Thampi  
Vanessa Tran  
Gregory Tyrrell  
Ashley Williams  
Yang Yu

## Abstract and Case Report Review Committee

### Co-Chairs

Danielle Brabant-Kirwan  
William Connors

### Committee Members

Heather Adam  
Vanessa Allen  
Byron Berenger  
Julie Carson  
Zain Chagla  
Jeannette Comeau  
Cora Constantinescu  
Peter Daley  
Steven Drews  
Tanis Dingle  
Chelsey Ellis  
Zareen Fatima  
Ramzi Fattouh  
Jessica Forbes  
Jeff Fuller  
Jodi Gilchrist  
Dan Gregson  
Susy Hota  
Jennie Johnstone  
B. Lynn Johnston  
Yoav Keynan  
Adam Komorowski  
Rob Kozak  
Philippe Lagacé-Wiens  
Christopher Lowe  
Nancy Matic  
Ninad Mehta  
Dominik Mertz  
Esther Nagai  
Conar O'Neil  
Glenn Patriquin  
Peter Pieroni  
Susan Poutanen  
Melissa Richard-Greenblatt  
Zulma Rueda  
Prameet M. Sheth  
Robert Taylor  
Vanessa Tran  
Christine Turenne  
Bing Wang  
Ashley Williams  
Deborah Yamamura  
Stephanie Zahradnik





## AMMI Canada Council

### President

Yves Longtin

### President Elect

Susy Hota

### Past President

Deb Yamamura

### Treasurer

Christopher Lowe

### Secretary

Rupeena Purewal

### MM – Section Chair

Julie Carson

### ID – Section Chair

Samuel Bourassa-Blanchette

### Members of Council

Zain Chagla

Peter Daley

Catherine Hogan

James Kellner

Yoav Keynan

Philippe Lagacé-Wiens

Earl Rubin



## CACMID Board

### President

Prameet Sheth

### Vice President

Ramzi Fattouh

### Past President

Agatha Jassem

### Treasurer

Esther Nagai

### Secretary

Jessica Forbes

### Meeting Secretary

Danielle Brabant-Kirwan

### Scientific Planning Committee Co-Chair

Rob Kozak

### Webmaster

Vanessa Tran

### Councillors

Melissa Richard-Greenblatt

Ninad Mehta

Robert M. Taylor

Ruwandi Kariyawasam

## Become a Member

### TO JOIN AMMI CANADA PLEASE CONTACT:

**Rupeena Purewal** Secretary, AMMI Canada  
c/o AMMI Canada Secretariat  
192 Bank Street, Ottawa ON K2P 1W8  
Toll-free: 1 (866) 467-1215  
Tel.: (613) 260-3233 ext. 103  
membership@ammi.ca  
For more information on AMMI Canada visit:  
[www.ammi.ca](http://www.ammi.ca)

### TO JOIN CACMID PLEASE CONTACT:

**Jessica Forbes** Secretary, CACMID  
c/o Eastern Ontario Regional Laboratory  
Association  
501 Smyth Road, Box #115, Ottawa, ON K1H 8L6  
info@cacmid.ca  
For more information on CACMID visit:  
[www.cacmid.ca](http://www.cacmid.ca)



# Accreditation

The AMMI Canada Continuing Professional Development committee chair, Dr. Glenn Patriquin, is responsible for ensuring that the AMMI Canada –CACMID Annual Conference is compliant with the Royal College of Physicians and Surgeons national standard of support of accredited CPD activities.

For specialists certified with the Royal College of Physicians and Surgeons of Canada: the AMMI Canada-CACMID Annual Conference is an accredited group learning activity (Section 1) as defined by the maintenance of certification program of the Royal College of physicians and surgeons of Canada and approved by AMMI Canada. You may claim a maximum of 18.5 CME credits.

Please use the following link to claim your CME hours.

CME Credit Form (<https://www.cognitofrms.com/AMMICanada/CMECreditsForm2026>)

## A "My MOC" Platform (formerly MAINPORT)

Please submit your conference activity hours manually into your "My MOC", which can be accessed through "My MOC" on the Royal College website.

## B For specialists certified with the American Medical Association (AMA):

Through an arrangement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association physicians may convert Royal College MOC credits to AMA PRA Category 1 credits. Information on the process to converting Royal College MOC credits to AMA credits can be found at <https://edhub.ama-assn.org/pages/applications>.

## C For fellows and specialists of the Canadian College of Microbiologists and diplomats of the American Board of Medical Microbiology the Canadian College of Microbiologist:

The Canadian College of Microbiologists (CCM) accredits the AMMI Canada –CACMID Annual Conference for CE credits. Certificates of continuing education activity are available through the CCM for documentation of attendance and maintenance of certification. A one-hour educational activity is equivalent to one CE credit. Program evaluation forms and record of CE activity can be obtained, in returned once completed by e-mail to the FCCM co-chair Heather Adam ([hadam@shared-healthmb.ca](mailto:hadam@shared-healthmb.ca)) following the conference.

## SPEAKER BIOGRAPHIES

Speaker biographies are available online on the program page of the AMMI Canada –CACMID Annual Conference website.

VIEW BIOS

## CONFLICT OF INTEREST DECLARATIONS

All conflict of interest declarations are available online on the program page of the AMMI Canada –CACMID Annual Conference website.

VIEW COIs



## CERTIFICATES OF ATTENDANCE

Certificates of Attendance will be sent to all registered delegates following the conference.

## CANMEDS COMPETENCIES

The AMMI Canada –CACMID Annual Conference program is aligned with the Royal College of Physicians and Surgeons of Canada CanMEDS Framework, which identifies the abilities physicians require to effectively meet the health care needs of the people they serve.

These competencies are organized into seven interconnected roles: Medical Expert, Communicator, Collaborator, Leader, Health Advocate, Scholar, and Professional, which together define excellence in clinical practice. A competent physician integrates all of these roles seamlessly in their day-to-day work.

To support meaningful professional development, CanMEDS roles have been mapped to each session throughout the conference. This approach allows participants to more easily identify learning opportunities aligned with their individual goals and areas of practice, while reinforcing the broad range of competencies required in modern infectious diseases and medical microbiology.

**ME** Medical Expert

**SC** Scholar

**PR** Professional

**CL** Collaborator

**CO** Communicator

**LE** Leader

**HA** Health Advocate

## Sustainability at the Conference

We are committed to reducing the environmental footprint of the AMMI Canada –CACMID Annual Conference and continuing to make more sustainable choices each year.

Printed materials have been kept to a minimum, with most signage and program content delivered digitally.

This year, we are proud to continue the tradition of a more **sustainable Friday**, featuring a fully plant-based lunch.

Reusable water bottles are available at the registration desk, and refill stations can be found in all session rooms. Attendees are also encouraged to return their name badges at the end of the conference for recycling.

Together, these small actions contribute to a larger goal: hosting a greener, more responsible conference.



## Conference Evaluations

Help us make a great conference even better. Your feedback guides our planning, influences future topics, and ensures we continue to deliver a program that is relevant, engaging, and impactful.

All evaluations are completed online and can be accessed through the conference Linktree by scanning the QR code here.

Alternatively, you may use the links below to complete the daily and overall conference evaluations. Each link will be activated on the morning of the corresponding day.

- [Tuesday, April 28](#)
- [Wednesday, April 29](#)
- [Thursday, April 30](#)
- [Friday, May 1](#)
- [Overall Conference Evaluation](#)



## ONLINE CONFERENCE PLATFORM - Oxford Abstracts

The Annual Conference will be hosted on the Oxford Abstracts online platform, providing easy access to the full program and conference materials.

For the best experience, we recommend using Google Chrome as your browser. The platform allows you to view the complete program on a single page, explore individual abstracts with ease, and access additional resources under the Information tab, including speaker biographies, floorplans, and conference materials.

All registered attendees will have full access to the platform.

If you experience any issues, please contact Krystal Sabourin at [meetings@ammi.ca](mailto:meetings@ammi.ca).

## Printed Handouts

Printed handouts will not be provided onsite. All session information and materials are available in the Final Program, on the conference website, and through the conference Linktree.



# Education Grants and Reimbursements

## AMMI Canada Education Grants St. John's 2026

For Members-in-Training currently enrolled in Infectious Disease or Medical Microbiology training programs only



### Eligibility

Applicants must be enrolled in an Infectious Diseases or Medical Microbiology training program and be AMMI Canada Members-in-Training in good standing. To qualify, they must register for the AMMI Canada – CACMID Annual Conference 2026 and pay the full student registration fee. One-day registrants are not eligible. Membership applications must be approved or submitted and in progress before the conference begins on April 29, 2026. Applicants may apply for and receive only one grant per annual conference, even if they hold membership in both AMMI Canada and CACMID.

### Application

An education grant application form will be made available prior to the start of the conference.

- **\$350** for Members-in-Training attending from Newfoundland and Labrador\*
- **\$600** for Members-in-Training attending from Manitoba, Ontario, Quebec, Nova Scotia, PEI, New Brunswick
- **\$850** for Members-in-Training attending from Alberta, British Columbia, Saskatchewan, NWT, Yukon, Nunavut, USA (all other states), and International

\* Members-in-Training attending from the city of St. John's, are ineligible.

## CACMID Education Reimbursements St. John's 2026

For Technical Staff, Clinical Research Scientists and Clinical Microbiology Fellows



### Eligibility

Applicants must be microbiology laboratory technologists or technicians, clinical research scientists (without faculty appointments) or clinical microbiology fellows registered in a Canadian training program. All must be active members of CACMID. Applicant must pay the full conference registration fee (student or full, as applicable) and shared registrations are not eligible. Each applicant is eligible for only one grant per annual conference. Depending on available funding, the total funding pool may be capped and available on a first-come, first-served basis.

### Application

An education grant application form will be made available prior to the start of the conference. Itemized receipts must be submitted.

#### Grants available are as follows:

- **Up to \$450** for Technical Staff and Clinical Research Scientists attending from St. John's, Greater St. John's area and International
- **Up to \$750** for Technical Staff and Clinical Research Scientists attending from Newfoundland and Labrador (outside of St. John's Area)
- **Up to \$1100** for Technical Staff and Clinical Research Scientists attending from Ontario, Quebec, Nova Scotia, PEI, New Brunswick
- **Up to \$1300** for Technical Staff and Clinical Research Scientists attending from British Columbia, Alberta, Saskatchewan, and Manitoba
- **Up to \$1,500** for Technical Staff and Clinical Research Scientists attending from NWT, Yukon and Nunavut
- **Up to \$1,500** for Clinical Microbiology Fellows enrolled in a Canadian training program



# Association, Committee and Other Group Meetings

## Monday, April 27

### AMMI Canada Council Meeting

🕒 **Time:** 12:00 - 17:00  
📍 **Location:** Brownsdale, Delta

## Tuesday, April 28

### AMMI Canada Council Meeting

🕒 **Time:** 08:00 - 12:00  
📍 **Location:** Brownsdale, Delta

### AMMI Canada Clinical Research Network (CRN) Meeting

🕒 **Time:** 12:00 - 17:00  
📍 **Location:** Harbourview Ballroom, Delta

### CACMID Board Meeting

🕒 **Time:** 14:30 - 17:30  
📍 **Location:** Brownsdale, Delta

## Wednesday, April 29

### AMMI Canada AGM and Sections Meeting

🕒 **Time:** 07:00 - 08:30  
📍 **Location:** Victoria Room, SJCC

## Thursday, April 30

### CACMID AGM

🕒 **Time:** 07:00 - 08:30  
📍 **Location:** Victoria Room, SJCC

### AMMI Canada Phage Therapy Meeting

🕒 **Time:** 07:00 - 08:30  
📍 **Location:** Brownsdale, Delta

### JAMMI Editorial Board Meeting

🕒 **Time:** 19:00 - 20:00  
📍 **Location:** Bonnavista Bay, Delta

### AMMI Canada Paediatric Committee and PICNIC Meeting

🕒 **Time:** 19:00 - 21:00  
📍 **Location:** Brownsdale, Delta

## Friday, May 1

### CCM AGM

🕒 **Time:** 07:00 - 08:30  
📍 **Location:** Victoria Room, SJCC



# General Information



## Registration Desk

**Location:**

**SJCC, Foyer**

**Tuesday, April 28:** 11:00 – 18:00

**Wednesday, April 29:** 07:00 – 18:30

**Thursday, April 30:** 07:00 – 18:30

**Friday, May 1:** 07:00 – 15:00



## Speaker Ready Room

**Location:**

**Delta, Placentia Bay Room**

**Tuesday, April 28:** 11:00 – 17:00

**Wednesday, April 29:** 07:00 – 17:00

**Thursday, April 30:** 07:00 – 18:00

**Location:**

**SJCC, Bannerman Ballroom Foyer**

**Friday, May 1:**

**07:00 – 13:00**



## Internet Café

**Location:**

**SJCC, Foyer**

**Wednesday, April 29:** 07:00 – 18:00

**Thursday, April 30:** 07:00 – 18:00

**Friday, May 1:** 07:00 – 15:00



## GENERAL INFORMATION

### Conference Secretariat

192 Bank Street Ottawa, ON K2P 1W8, Canada

Tel.: (613) 260-3233 ext. 104

Toll-free: 1 (888) 467-1215 ext. 104

meetings@ammi.ca

### Registration Information

Unconventional Planning

38 Auriga Drive, Unit 200 Ottawa, ON K2E 8A5, Canada

Tel.: (613) 721-7061

Toll-free: 1 (888) 625-8455

registration@unconventionalplanning.com



# General Information – St. John’s

## Explore St. John’s

St. John’s, Newfoundland and Labrador is a city like no other. Perched on the eastern edge of North America, it’s the first place the sun rises on the continent – and one of the most unforgettable places you’ll visit. Known for its colourful Jellybean Row houses, steep streets, and dramatic coastline, St. John’s blends old-world charm with vibrant local culture.

From the lively pubs and folk music of George Street to the sweeping ocean views atop Signal Hill, where the first transatlantic wireless signal was received, there is no shortage of ways to experience the city. You might even find yourself “screeched in” before the week is out!

Finished your sessions and ready to explore? Whether you’re craving fresh seafood, a cozy café, a scenic coastal walk, or a bit of retail therapy, St. John’s has something for everyone.

To help you make the most of your visit, our partners at Destination St. John’s have created a dedicated microsite for conference attendees featuring local favourites, hidden gems, and exclusive offers.

The program includes special discounts from participating partners both within St. John’s and beyond.

Now go enjoy –  
take in the ocean air and  
experience all that this  
incredible city has to offer.



**Start your  
St. John’s adventure:**

[CLICK HERE](#)

### **Important:**

Participating locations will display a decal indicating their involvement. Simply show your conference badge to receive the offer.



# General Information – Where Things are Happening

## Where Things Are Happening

The conference takes place across two connected venues — the **St. John's Convention Centre** and the **Delta Hotels by Marriott St. John's Conference Centre** — linked by pedway and located across the street from one another.

### St. John's Convention Centre

- Registration
- Trainees' Day
- Plenary sessions
- Exhibit hall
- Poster presentations
- Annual General Meetings (AGMs)
- Escape Room

### Delta Hotels by Marriott

#### St. John's Conference Centre

- Concurrent sessions
  - Short oral and rapid-fire presentations
  - Accredited co-developed learning activities
- Unaccredited learning activities
- Committee and association meetings

Both venues are easily accessible, allowing you to move seamlessly between sessions and activities throughout the conference.

## DISCLAIMER

The Central Planning and Scientific Planning Committees will make effort to present the program as published. However, the Central Planning and Scientific Planning committees, AMMI Canada, CACMID or their agents, reserve the right to alter or cancel without prior notice any of the arrangements, timetables, plans, or other items relating directly or indirectly to the annual conference, for any cause beyond their reasonable control. The above mentioned are not liable for any loss or inconvenience caused as a result of such alteration. In the event of cancellation of the annual conference all prepaid fees will be refunded, however, the Central Planning and Scientific Planning Committees, AMMI Canada, CACMID, or their agents are not liable for any loss or inconvenience caused as a result of such cancellation. Attendees are therefore advised to take out their own travel insurance and extend their policy for personal possessions as the annual conference does not cover individuals against cancellations of bookings or theft or damage of belongings.

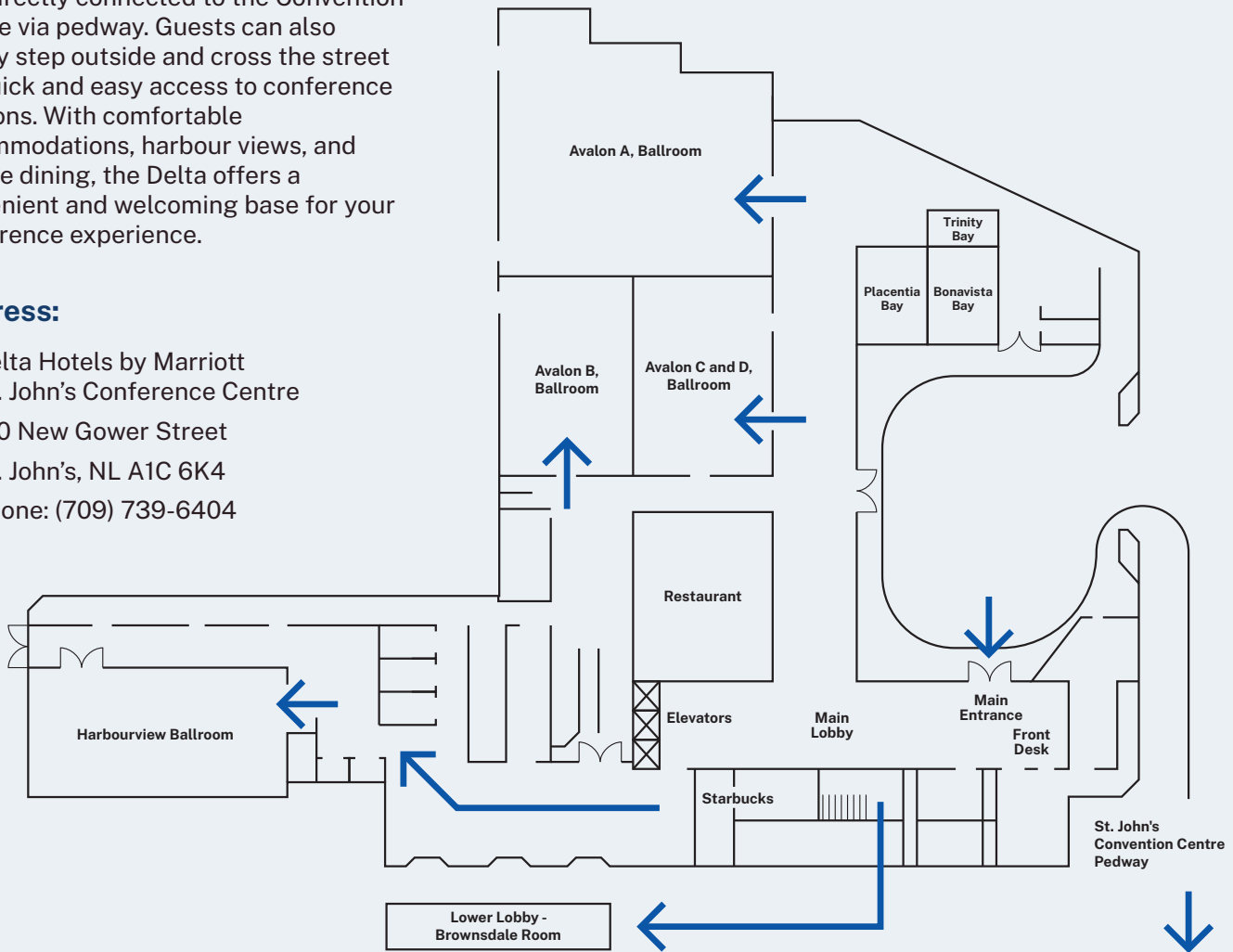


## Delta Hotels by Marriott St. John's Conference Centre (Host Hotel)

Our host hotel, the Delta Hotels by Marriott St. John's Conference Centre, is ideally located in downtown St. John's and directly connected to the Convention Centre via pedway. Guests can also simply step outside and cross the street for quick and easy access to conference sessions. With comfortable accommodations, harbour views, and on-site dining, the Delta offers a convenient and welcoming base for your conference experience.

### Address:

📍 Delta Hotels by Marriott  
St. John's Conference Centre  
120 New Gower Street  
St. John's, NL A1C 6K4  
Phone: (709) 739-6404



## Additional Conference Hotels

We are also pleased to accommodate conference guests at the following nearby hotels:

### Hilton Garden Inn St. John's Newfoundland

📍 150 New Gower Street St. John's, NL A1C 0A1  
Phone: (709) 383-1310

### Alt Hotel St. John's

📍 125 Water Street St. John's, NL A1C 5X4  
Phone: (709) 383-2125



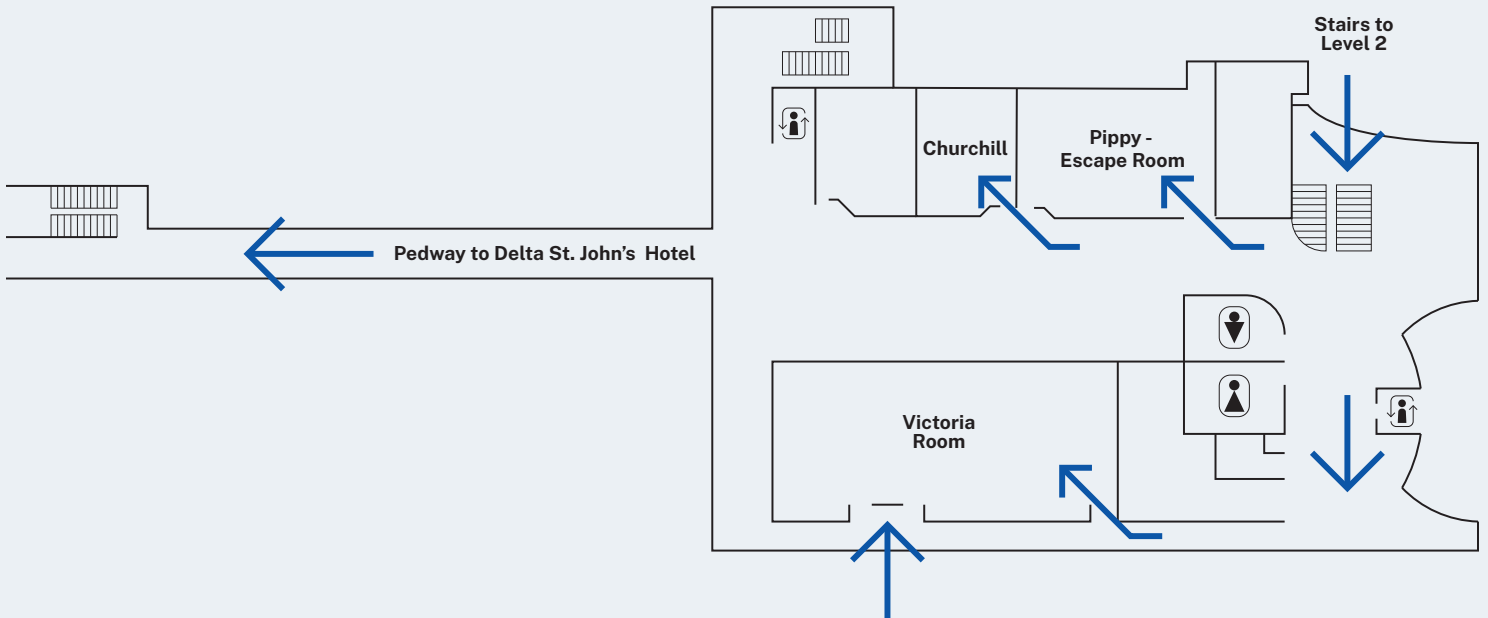
# L3

## St. John's Convention Centre

Located in the heart of downtown, the St. John's Convention Centre offers modern, flexible meeting space with stunning views of the harbour. It is conveniently connected via pedway to the host hotel, the Delta Hotels by Marriott St. John's Conference Centre, allowing seamless access between accommodations and conference activities – rain or shine. The Convention Centre also provides easy access to nearby Water Street and George Street, placing shopping, dining, and nightlife just steps away.

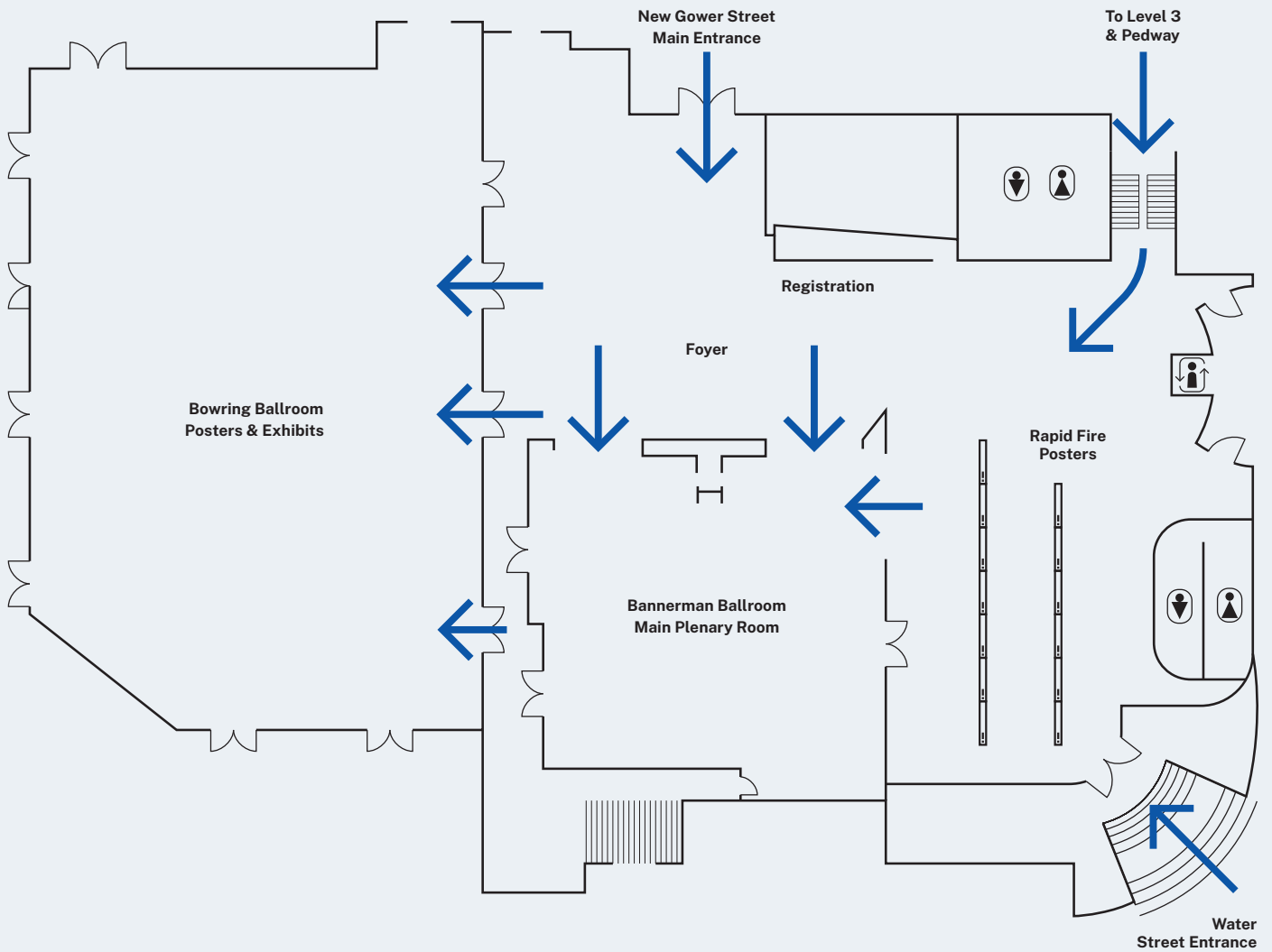
### Address:

- St. John's Convention Centre
- 50 New Gower Street
- St. John's, NL A1C 1J3



## St. John's Convention Centre (SJCC)

### L2



# Celebrating Excellence

Awards will be presented across three days of the conference. To help you easily identify when each award is being recognized, the program uses a colour-coded system indicating the day of presentation.

**Dates:**

Wednesday, April 29

Thursday, April 30

Friday, May 1

**Time:**

08:45 AM

**Location:**

Bannerman Ballroom, SJCC

**Awards Ceremony Hosts:**

Ramzi Fattouh (ON)

Susy Hota (ON)



**AMMI Canada Lifetime Achievement Award**

**John Conly**

CM, MD, DSc(Hon),CCFP, FRCPC, FCAHS, FAMMI, FACP, FSHEA, FIDSA



**John G. FitzGerald CACMID Outstanding Microbiologist Award**

**Marek Smieja**

MD, PhD, FRCPC



**AMMI Canada Lifetime Achievement Award**

**Brian Conway**

MD, FRCPC



**CACMID Mentorship Award**

**Tony Mazzulli**

MD, FRCPC, FACP



**AMMI Canada Fiona Smail Award**

**Geneviève Amaral**

BSc, MD



**CACMID Early Career Award**

**Vanessa Tran**

PhD, FCCM



**AMMI Canada New Investigator Award**

**Christopher Kandel**

PhD, MD, BMSc



**Michael R. Mulvey Studentship Award**

**Clayton Hall**

MD, FRCPC



**AMMI Canada Trainee Research Award**

**Jeffrey Wong**

MD, FRCPC



Canadian College of Microbiologists

Collège Canadien des Microbiologistes



**JAMMI Trainee Published Manuscript Award**

**Anish Krishnan**

Pharm(D)



**CCM Distinguished Microbiologist Award**

**Heather Adam**

PhD, FCCM, D(ABMM)



# Celebrating Excellence

Dates:

Wednesday, April 29

Thursday, April 30

Friday, May 1



Canadian Foundation  
for Infectious Diseases  
Fondation canadienne  
des maladies infectieuses



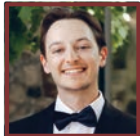
### Dr. John M. Embil Mentorship Award in Infectious Diseases

**Shariq Haider**  
MD, FRCPC, CCST(UK), DTMH(UK)



### Dr. Juan A. Embil Trainee Award of Excellence in Infectious Diseases Research

**Akhil Garg**  
MDCM



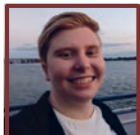
### CFID-AMMI Canada CRN Catalyst Award

**Eric Armstrong**  
PhD



### NCCID-CFID Knowledge Translation Award

**Emily Wiesenthal**  
MD



### altona Diagnostics Canada Medical Student Research Award

**Sam Mihuc**  
BA(Hons)

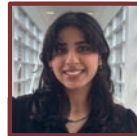


### CFID Post Graduate Travel Award in Infectious Diseases

**Emma Finlayson-Trick**  
MD, MSc



Canadian Foundation  
for Infectious Diseases  
Fondation canadienne  
des maladies infectieuses



### CFID Undergraduate Summer Research Award

**Siya Sharma**  
PhD



### Safe Drinking Water Grant

**Amy Lee**  
BSc, MSc, PhD



### Safe Drinking Water Grant

**Lynne Li**  
MDCM, FRCPC, MSc



### Safe Drinking Water Grant

**Cheryl Nelms**  
P. Eng, PhD



# Student Poster and Oral Awards

## Student Poster and Oral Awards

**Date:** Friday, May 1, 2026  
**Time:** 08:45  
**Room:** Bannerman Ballroom, SJCC  
**Awards Ceremony Hosts:** Ramzi Fattouh (ON)  
Susy Hota (ON)

**2026 AMMI Canada Student Poster Award**

**2026 CACMID Student Poster Award**

**2026 CACMID President's Award**

**2026 CACMID Technologist/Clinical Research Scientist Poster Award**

**2025 CACMID Student Oral Abstract Award**

**2026 CCM Student Poster Award**

**2026 CCM Dr. Kenneth Rozee Memorial Student Poster Award**

**2026 PICNIC Dr. Susan King Paediatric Abstract Award**






# Accredited Co-Developed Learning Activities

## Accredited Co-developed Learning Activities

Registration is not required, all are welcome




### The Unfinished Story: Pneumococcal Disease in Older At-Risk Adults

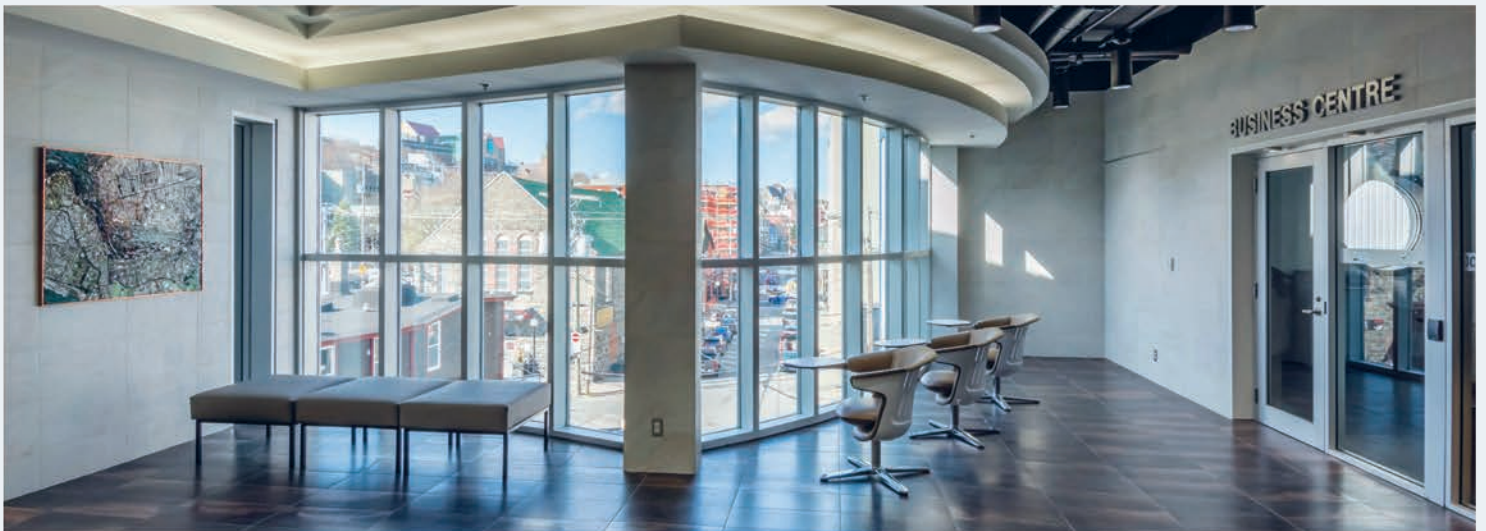
This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and Merck Canada and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

 **Date:** Wednesday, April 29  
 **Time:** 14:00 – 15:00  
 **Location:** SJCC Bannerman Ballroom

### Impact and Evaluation of Seasonal Immunization Programs for Respiratory Viruses

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and Sanofi and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

 **Date:** Thursday, April 30  
 **Time:** 10:45 – 11:45  
 **Location:** SJCC Bannerman Ballroom



## CONCURRENT Accredited Co-developed Learning Activities

Registration is not required. Seating is limited and subject to room capacity.

### **Redefining Care in Chronic Hepatitis B: 2025 HBV Guideline Updates and the Path to Functional Cure**

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and GSK Canada and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

 **Date:** Thursday, April 30  
 **Time:** 16:00 – 17:00  
 **Location:** Delta, Avalon A Ballroom




### **Diagnostic Challenges of Viral Respiratory Illness: Implications for Antibiotic Resistance**

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and Pfizer Canada and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

 **Date:** Thursday, April 30  
 **Time:** 16:00 – 17:00  
 **Location:** Delta, Avalon B Ballroom

### **The Importance of Sexual Health Testing Access for All in Canada: Self-Collection for Cervical Cancer Screening in Quebec, the Rise of STIs, and the Importance of Testing**

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and Roche Diagnostics and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

 **Date:** Thursday, April 30  
 **Time:** 16:00 – 17:00  
 **Location:** Delta, Avalon CD Ballroom



## Pre-Conference Program

### Legend

Delta St. John's (Delta)

St. John's Convention Centre (SJCC)

## Monday, April 27

12:30 – 17:00 **AMMI Canada Council Meeting**  
Room: **Brownsdale, Delta**

## Tuesday, April 28

08:00 – 17:00 **FCCM Exams**  
Room: **Bonavista Bay, Delta**

08:00 – 12:00 **AMMI Canada Council Meeting**  
Room: **Brownsdale, Delta**

11:00 – 18:00 **Conference Registration**  
Room: **Bannerman Ballroom Foyer, SJCC**

**CANCELLED** **Dr. Bugs Escape room**  
**CANCELLED**

11:00 – 17:00 **Speaker Ready Room**  
Room: **Placentia Bay, Delta**

12:00 – 17:00 **AMMI Canada Clinical Research Network (CRN) Meeting**  
12:00 – 13:00 Lunch  
13:00 – 17:00 Meeting  
Room: **Harbourview Ballroom, Delta**

14:30 – 17:30 **CACMID Board Meeting**  
Room: **Brownsdale, Delta**



**12:30 – 17:00 Trainees’ Day**  
**Room: Victoria, SJCC**

12:30 – 12:45 Registration

**12:45 – 14:00 Job Prospects and Transition to Practice**



Moderator: Titus Olukitibi (MB)  
 Speakers: Soma Dalai (ON)  
 Vanessa Tran (ON)  
 Guillaume Poliquin (MB)

At the end of this session, participants should be able to:

- Identify the various career pathways available in Medical Microbiology, Infectious Disease, and Clinical Microbiology
- Review key skills and experiences to enhance employability in these career paths
- Discuss effective techniques for networking & securing/navigating job interviews and contract negotiations

14:00 – 14:15 Break

**14:15 – 15:15 Exam Prep**



Moderator: Geneviève Amaral (BC)  
 Speakers: Brody Duncan, Medical Microbiology (ON)  
 Soma Dalai, Infectious Diseases (ON)  
 Ashley Williams, Clinical Microbiology (SK)

At the end of this session, participants should be able to:

- Develop an effective study strategy that includes group and individual study, wellness tips, finding key resources, and navigating the oral and written exam
- Integrate current evidence into exam preparation, including recent clinical trials and guidelines

15:15 – 15:45 Break

**15:45 – 17:00 Microbial Pursuit**

Moderator: Shaqil Peermohamed (BC)

**17:00 – 18:00**  
**Trainees’ Day and CRN Reception**

All attendees on site on Tuesday, April 28 are warmly invited to join trainees, students, members of the AMMI Canada and CACMID Boards, and AMMI Canada Clinical Research Network (CRN) participants for an informal welcome reception. This event offers a valuable opportunity to connect with trainees and students in an informal setting and engage with colleagues at the start of the conference.



**07:00 – 17:00 Speaker Ready Room**

**Room: Placentia Bay, Delta**

**07:00 – 18:30 Internet Café**

**Room: Bannerman Ballroom Foyer, SJCC**

**07:00 – 18:30 Conference Registration**

**Room: Bannerman Ballroom Foyer, SJCC**

**07:00 – 08:30 AMMI Canada AGM and Sections Meeting**

**Room: Victoria, SJCC**

**08:45 - 10:15 Welcome, Merits Awards and Plenary**

**Evidence, Trust and Misinformation: A Panel Discussion**



**Room: Bannerman Ballroom, SJCC**

**Moderators:** Susan Poutanen (ON)

Rob Kozak (ON)

**Speakers:** Jeanne Marrazzo (US)

Robin Patel (US)

Yves Longtin (QC)

Prameet Sheth (ON)

Leaders from Canada and the United States come together to examine the current state of evidence-based medicine in an era of increasing scientific misinformation. The discussion will explore the impact on clinical practice, public trust, and policy, and will highlight strategies to reinforce scientific integrity and trust across borders.

At the end of this session, participants should be able to:

- Discuss how changes in the United States have impacted practice and research in Canada as it relates to infectious diseases, medical microbiology, antimicrobial stewardship, infection control and prevention, and public health
- Summarize pragmatic solutions to challenges currently faced due to changes in the United States
- Describe measures IDSA, ASM, AMMI Canada, and CACMID have implemented already in response to changes in the United States

**10:15 – 10:45 Exhibit Hall Open: Break in Exhibit Hall**

**Room: Bowring Ballroom, SJCC**

**10:30 – 18:00 Dr. Bugs Escape Room**

Last group entrance 17:30

**Room: Pippy, SJCC**



## 10:45 – 11:45 State of the Art (START) Lecture

### Highly Pathogenic Avian Influenza at the Human-Animal Interface: What's New, What's Certain, What's Next?



Moderator: Rob Kozak (ON)

Speakers: Valerie Le Sage (US)

Erin Leonard (ON)

At the end of this session, participants should be able to:

- Synthesize the current HPAI landscape across avian and mammalian hosts including key transmission ecologies, geographic hot spots, and implications for onward spillover risk
- Review biosafety considerations, PEP principles, and where candidate/pre-pandemic vaccines fit into preparedness planning

## 11:45 – 13:45 Lunch in Exhibit Hall

**Room: Bowring Ballroom, SJCC**

## 14:00 – 15:00 The Unfinished Story: Pneumococcal Disease in Older At-Risk Adults

(co-developed learning activity with Merck Canada)



**Room: Bannerman Ballroom, SJCC**

Moderator: Peter Daley (NL)

Speakers: Donald Vinh (QC)

Ronald Grossman (ON)

At the end of this session, participants should be able to:

- Describe the burden of pneumococcal disease in at-risk Canadian adults, including the epidemiology of pneumonia and associated cardio-pulmonary complications
- Review the microbiology of *Streptococcus pneumoniae*, with emphasis on serotype distribution and current antimicrobial resistance trends in Canada
- Discuss vaccination strategies for prevention in adult populations, including emerging vaccines, targeting multidrug-resistant pathogens, and the role of respiratory virus prevention in reducing pneumococcal disease burden

## 15:00 – 15:30 Transition Break to Delta



## 15:30 – 16:30 Concurrent Sessions

### MasterClass

#### CLSI M100 & M64 in Action - Adapting to New Taxonomy, Drugs, and Breakpoints



Room: Avalon A Ballroom, Delta

Moderator: Robert Taylor (NL)

Speaker: Tanis Dingle (AB)

At the end of this session, participants should be able to:

- Briefly summarize the key challenges to implement taxonomic changes as well as updates in the recent CLSI M100
- M64: Describe strategies for implementing taxonomic changes and communicating them to laboratory staff and clinical end users
- M100: Develop a plan for incorporating difficult M100 updates into routine testing, including the verification of new antimicrobial agents/breakpoints

### MasterClass

#### Maternal and Congenital Infections: Hidden Pitfalls and Emerging Lessons



Room: Avalon B Ballroom, Delta

Moderator: Nisha Thampi (ON)

Speakers: Jason Brophy (ON)

Jessica Dunn (AB)

At the end of this session, participants should be able to:

- Describe the epidemiology and transmission pathways of common maternal-to-infant infections in the Canadian context
- Distinguish the clinical presentations and timing of transmission (in utero, intrapartum, postnatal) for key pathogens (e.g., CMV, syphilis, toxoplasmosis), and interpret their implications for neonatal outcomes
- Discuss approaches to screening, prevention, and management of maternal-to-infant infections, including consideration of targeted and population-based screening strategies
- Incorporate a congenital infection risk-reduction approach into the clinical management of pregnant individuals and neonates

## 15:30 – 16:00 Lightning Learning

### The Top 5 Things ID Docs Ask Me (as an ID Pharmacist)



Room: Avalon C and D Ballroom, Delta

Moderator: Zareen Fatima (ON)

Speaker: Jackson Stewart (AB)

At the end of this session, participants should be able to:

- Discuss the clinical relevance of commonly used PK/PD principles (loading doses, compartment penetration) that inform bedside decision making
- Review common concerns for antimicrobial adverse effects (QTc prolongation, linezolid serotonin syndrome) and how to approach them in practice
- Outline a framework to better identify an antimicrobial allergy culprit in the context of polypharmacy



16:00 – 16:05 Break

16:05 – 16:35 **Lightning Learning**

**Optimizing Antibiotic Stewardship Using the AMMI Canada Canadian Antibiotic Treatment Guidance (CATG)**



**Room: Avalon C and D Ballroom, Delta**

Moderator: Peter Daley (NL)

Speakers: Deborah Yamamura (ON)  
Dena Zeraatkar (ON)

At the end of this session, participants should be able to:

- Apply evidence-based empiric antibiotic selection and treatment duration for common infectious syndromes
- Apply a penicillin risk assessment tool to guide appropriate antibiotic selection in low-risk and high-risk reactions
- Integrate the Firstline app into point-of-care decision-making to support appropriate antimicrobial prescribing and stewardship practices

16:30 – 16:45 Break

16:45 – 18:15 **Concurrent Sessions**

**Oral Presentations A: Student Competition**

**Room: Avalon A Ballroom, Delta**

## A01

**Alternative quadruplex real-time PCR reactions for detection and discrimination of *Streptococcus pneumoniae* serotypes within serogroup 6**

Samuel F Hatchette<sup>1</sup>, Nicole Paterson<sup>1</sup>, Ariela Polsky<sup>1</sup>, Peter Robertson<sup>1</sup>, Gregory R McCracken<sup>2</sup>, Zhenyu Cheng<sup>1</sup>, Jason J LeBlanc<sup>1,2,3</sup>

<sup>1</sup>Department of Microbiology and Immunology, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>3</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada

## A02

**Obesity's impact on Piperacillin-Tazobactam: Development of a Population Pharmacokinetic Model**

Guiva Annane<sup>1,2</sup>, Benoit Crevier<sup>3</sup>, Anis Ouyahia<sup>3</sup>, Sabrina Larocque<sup>2</sup>, Brittany Bernard<sup>2</sup>, Justine Brasseur-Masse<sup>2</sup>, Juliette Fournier<sup>2</sup>, Amélie Marsot<sup>1,2,4</sup>

<sup>1</sup>Laboratoire STP2, Faculté de Pharmacie, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Faculté de Pharmacie, Université de Montréal, Montreal, QC, Canada; <sup>3</sup>CISSS de la Montérégie-Centre, Hôpital Charles-Le Moyne, Greenfield Park, QC, Canada; <sup>4</sup>CHU Sainte-Justine, Montreal, QC, Canada

## A03

**Long-term evaluation of a multiplex staphylococcal PCR for positive blood cultures: reliable but limited by batch testing**

Austin Yan<sup>1</sup>, Leanne Mortimer<sup>2,3</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of Ottawa, Ottawa, ON, Canada; <sup>2</sup>Division of Microbiology, Children's Hospital of Eastern Ontario, Ottawa, ON, Canada; <sup>3</sup>Department of Pathology and Laboratory Medicine,



Faculty of Medicine, University of Ottawa, Ottawa, ON, Canada

**A04**

**Concomitant rise of hypervirulent M1UK and macrolide-resistant *emm92* explains recent increases in invasive group A streptococci activity in Nova Scotia**

Ariela Polsky<sup>1</sup>, Samuel F Hatchette<sup>1</sup>, Nicole Paterson<sup>1</sup>, Gregory R McCracken<sup>2</sup>, Allana Loder<sup>3</sup>, Janice Pettipas<sup>4</sup>, Elizabeth Simms<sup>2,4,5</sup>, Golden Alyssa<sup>3</sup>, Irene Martin<sup>3</sup>, Jason J LeBlanc<sup>1,2,5</sup>

<sup>1</sup>Department of Microbiology and Immunology, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>3</sup>National Microbiology Laboratory (NML), Public Health Agency of Canada (PHAC), Winnipeg, MB, Canada; <sup>4</sup>Nova Scotia Provincial Public Health Laboratory Network (PPHLN), Halifax, NS, Canada; <sup>5</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada

**A05**

**Quantifying SARS-CoV-2 Omicron variant spread and the impact of non-pharmaceutical interventions in Newfoundland and Labrador, Canada**

Francis Anokye<sup>1</sup>, Michael WZ Li<sup>2</sup>, Steve Walker<sup>3</sup>, Amy Hurford<sup>1</sup>

<sup>1</sup>Memorial University of Newfoundland, St. John's, NL, Canada; <sup>2</sup>Public Health Agency of Canada, Guelph, ON, Canada; <sup>3</sup>Department of Mathematics and Statistics, Hamilton, ON, Canada

**16:45 - 18:15 Concurrent Sessions  
Oral Presentations B**

**Avalon B Ballroom, Delta**

**B01**

**Meeting the rising demand for syphilis testing: Laboratory outcomes with automated RPR testing**

Brian MacPhee<sup>1,2</sup>, Krupa Zora<sup>2</sup>, Navkiran Randhawa<sup>2</sup>, Emily McCullough<sup>2</sup>, Sali Sidig<sup>2</sup>, Hong Yuan Zhou<sup>3,4</sup>, Natalie C. Marshall<sup>2,5</sup>

<sup>1</sup>School of Public Health, University of Alberta, Edmonton, AB, Canada. <sup>2</sup>Public Health Laboratory (ProvLab), Alberta Precision Labs, Edmonton, AB, Canada. <sup>3</sup>Public Health Laboratory (ProvLab), Alberta Precision Labs, Calgary, AB, Canada. <sup>4</sup>Department of Pathology & Laboratory Medicine, University of Calgary, Calgary, AB, Canada. <sup>5</sup>Division of Diagnostic & Applied Microbiology, Department of Laboratory Medicine & Pathology, University of Alberta, Edmonton, AB, Canada

**B02**

**Two-year experience of direct specimen bacterial identification by 16S Sanger sequencing at a public health laboratory**

Tanis C, Dingle<sup>1,2</sup>, Kanti Pabbaraju<sup>1</sup>, Anita A, Wong<sup>1</sup>, Christina Ferrato<sup>1</sup>, Kara Gill<sup>1</sup>, Gregory J, Tyrrell<sup>3,4</sup>

<sup>1</sup>Alberta Precision Laboratories, Public Health Laboratory, Calgary, AB, Canada; <sup>2</sup>University of Calgary, Calgary, AB, Canada; <sup>3</sup>Alberta Precision Laboratories, Public Health Laboratory, Edmonton, AB, Canada; <sup>4</sup>University of Alberta, Edmonton, AB, Canada

**B03**

**Non-gendered donor questionnaires: a two-year review of blood safety**

Catherine Thibeault, Antoine Lewin, Christine Milot, Marc Germain, Christian Renaud

Héma-Québec, Montréal, QC, Canada



**B04**

**Appropriateness of antibiotic use for migrants and non-migrants >65 years of age in Ontario, Canada**

Kevin L Schwartz<sup>1</sup>, Chia-Yuan Chang<sup>2</sup>, Fawziah Marra<sup>2</sup>, Deva Thiruchelvam<sup>3</sup>, Erica Chuang<sup>4</sup>, Kalisha Ramlackhan<sup>1</sup>, Bradley J Langford<sup>1</sup>, Valerie Leung<sup>1</sup>, Nick Daneman<sup>5</sup>, Kevin Brown<sup>1</sup>, Ariana Saatchi<sup>2</sup>, Hannah Lishman<sup>4</sup>, Michael Silverman<sup>6</sup>, David M Patrick<sup>4</sup>

<sup>1</sup>Public Health Ontario, Toronto, ON, Canada; <sup>2</sup>Faculty of Pharmaceutical Sciences, University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>ICES, Toronto, ON, Canada; <sup>4</sup>British Columbia Centre for Disease Control, Vancouver, BC, Canada; <sup>5</sup>Sunnybrook Research Institute, Toronto, ON, Canada; <sup>6</sup>Schulich School of Medicine and Dentistry, London, ON, Canada

**B05**

**Preferences for HIV and STI prevention methods among transgender and gender diverse people**

Abigail LeCates<sup>1</sup>, Sarah Wishloff<sup>1</sup>, Rosalind Byrd<sup>1</sup>, Shericia Campbell<sup>1</sup>, Athena DF Sherman<sup>2</sup>, Cassie G Ackerley<sup>1,3</sup>

<sup>1</sup>Emory University School of Medicine, Atlanta, Georgia, USA, <sup>2</sup>Emory University School of Nursing, Atlanta, Georgia, USA, <sup>3</sup>Memorial University of Newfoundland, St. John's, NL, Canada

**16:45 - 18:15 Concurrent Sessions**  
**Rapid Fire Presentations A**  
**Room: Avalon B and C Ballroom, Delta**

**RFA001**

**Therapeutic Drug Monitoring of Voriconazole, Posaconazole, and Itraconazole in Haemato-Oncological and Hematopoietic Stem Cell Transplant Pediatric Patients**

Bazlin Binti Ramly, Hana Mitchell, Jennifer Kendrick  
 British Columbia Children's Hospital, Vancouver, BC, Canada

**RFA002**

**Evaluation of direct-from-blood-culture disk diffusion testing for Gram-negative bacilli at a regional microbiology laboratory**

Austin Yan<sup>1</sup>, Vincent Deslandes<sup>1,2</sup>  
<sup>1</sup>Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of Ottawa, Ottawa, ON, Canada; <sup>2</sup>Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada

**RFA003**

**Development and individualized presentation of regional-local urinary antibiograms for use in long-term care homes across the province**

Ian B, Langleben<sup>1</sup>, Bradley J, Langford<sup>2,3</sup>, Kevin A, Brown<sup>2,4</sup>, Sarah Swayze<sup>5</sup>, Lucas Castellani<sup>6</sup>, Dan Dalton<sup>7</sup>, Fiona Emdin<sup>2,8,9</sup>, Samantha Lee<sup>5</sup>, Valerie Leung<sup>2,10</sup>, Larissa Matukas<sup>1</sup>, Anjali Oberai<sup>11</sup>, Kevin L, Schwartz<sup>2,4,12</sup>, Nick Daneman<sup>2,8,13</sup>  
<sup>1</sup>University of Toronto, Toronto, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada; <sup>3</sup>McMaster University, Hamilton, ON, Canada; <sup>4</sup>Dalla Lana School of Public Health, Toronto, ON, Canada; <sup>5</sup>ICES, Toronto, ON, Canada; <sup>6</sup>Northern Ontario School of Medicine, Thunder Bay, ON, Canada; <sup>7</sup>CareRx Corporation, Toronto, ON, Canada; <sup>8</sup>Institute of Health Policy, Management, and Evaluation, Toronto, ON, Canada; <sup>9</sup>Global Strategy Lab, Toronto, ON, Canada; <sup>10</sup>Toronto East Health Network, Toronto, ON, Canada; <sup>11</sup>Wawa Family Health Team, Wawa, ON, Canada; <sup>12</sup>Unity Health Toronto, Toronto, ON, Canada; <sup>13</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada



**RFA004**

WITHDRAWN

**RFA005**

**Target attainment and pharmacokinetic variability of antimicrobials in patients undergoing extracorporeal membrane oxygenation therapy**

Ibrahim El-Haffaf<sup>1,2</sup>, David Williamson<sup>1,3</sup>, Alexandros Cavayas Yiorgos<sup>3</sup>, Marc-Alexandre Duceppe<sup>4</sup>, Chantale Simard<sup>5</sup>, Han Ting Wang<sup>6</sup>, Zoé Thiboutot<sup>6</sup>, Amélie Marsot<sup>1,2</sup>

<sup>1</sup>Faculty of pharmacy, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Laboratoire de suivi thérapeutique pharmacologique et pharmacocinétique, Université de Montréal, Montreal, QC, Canada; <sup>3</sup>Hôpital du Sacré-Cœur de Montréal, Montreal, QC, Canada; <sup>4</sup>Centre universitaire de santé McGill, Montreal, QC, Canada; <sup>5</sup>Faculty of pharmacy, Université Laval, Quebec City, QC, Canada; <sup>6</sup>Centre hospitalier de l'Université de Montréal, Montreal, QC, Canada

**RFA006**

**Stool metagenomic detection of *Clostridioides difficile* before and after hematopoietic cell transplantation**

Austin Yan<sup>1,2</sup>, Jaxon Senechal<sup>1,3</sup>, Leanne Mortimer<sup>1,2,3,4</sup>, Andrew Purrnell<sup>1,2,3</sup>, Nicole Janusz<sup>1,2</sup>, Tamara Leite<sup>3</sup>, Amanda Carroll<sup>3</sup>, Natasha Kekre<sup>1,2,3</sup>, Michael Kennah<sup>1,2</sup>, C. Arianne Buchan<sup>1,2,3</sup>, Derek MacFadden<sup>1,2,3</sup>

<sup>1</sup>University of Ottawa, Ottawa, ON, Canada. <sup>2</sup>The Ottawa Hospital, Ottawa, ON, Canada  
<sup>3</sup>The Ottawa Hospital Research Institute, Ottawa, ON, Canada. <sup>4</sup>Children's Hospital of Eastern Ontario, Ottawa, ON, Canada

**RFA007**

**A Rapid Reverse Genetics Platform Using NanoLuc Reporter SARS-CoV-2 for Antiviral Evaluation Against Emerging Variants**

Megha Rohamare<sup>1</sup>, Nidhi Kaushik<sup>1,2</sup>, Juveriya Qamar Khan<sup>1</sup>, Mahrokh Balouchi<sup>1</sup>, Joaquin Lopez-Orozco<sup>3</sup>, Robert Kozak<sup>4,5,6</sup>, Tom C Hobman<sup>3</sup>, Darryl Falzarano<sup>2,1</sup>, Anil Kumar<sup>1</sup>, Joyce Wilson<sup>1</sup>

<sup>1</sup>University of Saskatchewan, Saskatoon, SK, Canada; <sup>2</sup>Vaccine and Infectious Disease Organization, Saskatoon, SK, Canada; <sup>3</sup>University of Alberta, Edmonton, AB, Canada; <sup>4</sup>Sunnybrook Research Institute, Toronto, ON, Canada; <sup>5</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>6</sup>University of Toronto, Toronto, ON, Canada

**RFA008**

**A comprehensive survey of paediatric blood culture practices in North America**

Sandra Isabel<sup>1,2,3,4</sup>, Brianna Ball<sup>1,2,3</sup>, Manal Tadros<sup>5,6</sup>, Pierre-Philippe Piché-Renaud<sup>4</sup>, Anissa Brahami<sup>7</sup>, Christian Renaud<sup>8,9</sup>, Isabelle Viel-Thériault<sup>1,2,3</sup>, Aaron Campigotto<sup>5,6</sup>

<sup>1</sup>Département de pédiatrie, Faculté de médecine, Université Laval, Quebec City, QC, Canada; <sup>2</sup>Axe Maladies infectieuses et immunitaires, Centre de recherche du CHU de Québec-Université Laval, Quebec city, QC, Canada; <sup>3</sup>Centre de recherche en infectiologie, Université Laval, Quebec city, QC, Canada; <sup>4</sup>Division of Infectious Diseases, Department of Paediatrics, The Hospital for Sick Children, Toronto, ON, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>6</sup>Department of Paediatric Laboratory Medicine, Hospital for Sick Children, Toronto, ON, Canada; <sup>7</sup>Department of Medical Microbiology and Infectious Diseases, University of Manitoba, Winnipeg, MB, Canada; <sup>8</sup>Department of Microbiology, Infectious Diseases and Immunology, Université de Montréal, Montreal, QC, Canada; <sup>9</sup>Department of Clinical Laboratory Medicine, OPTILAB Montreal – Centre Hospitalier Universitaire Sainte-Justine, Montreal, QC, Canada

**RFA009**

**Improving stool-based diagnosis of *Helicobacter pylori***

Tess Wilson<sup>1,2</sup>, Doris Williams<sup>2</sup>, Sarah Marttala<sup>2</sup>, Ian Restall<sup>1,2</sup>, Padman Jayaratne<sup>1,3</sup>, Salaheddin Abouanaser<sup>1,3</sup>, Marek Smieja<sup>1,2,3</sup>



<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute at St. Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program (HRLMP), Hamilton, ON, Canada

**RFA010**

**Are pharmacokinetic-pharmacodynamic (PK/PD) targets being met? Real-World Vancomycin dosing practices and predictors of Optimal Target Attainment**

Van Dong Nguyen<sup>1,2,3</sup>, Mikhail-Paul Cardinal<sup>1,2</sup>, François Bourdeau<sup>2</sup>, Alexandre Rivard<sup>2,4</sup>, Daniel Thirion<sup>1,2</sup>, Amélie Marsot<sup>1,3,5</sup>

<sup>1</sup>Faculté de pharmacie, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Department of Pharmacy, McGill University Health Centre, Montreal, QC, Canada; <sup>3</sup>Laboratoire STP2, Université de Montréal, Montreal, QC, Canada; <sup>4</sup>Faculté de médecine, Université de Montréal, Montreal, QC, Canada; <sup>5</sup>Centre de recherche du CHU Sainte-Justine, Montreal, QC, Canada

**16:45 - 18:15 Concurrent Sessions  
Rapid Fire Presentations B  
Room: Harbourview Ballroom, Delta**

**RFB001**

**Impact of the Future-Use Special Access Programme on the availability of antibiotics to treat multi-drug-resistant infections in a Canadian hospital system**

Rebecca Druken<sup>1</sup>, Irina Rajakumar<sup>1</sup>, Brandon Christensen<sup>2</sup>

<sup>1</sup>Alberta Health Services, Calgary, AB, Canada; <sup>2</sup>University of Calgary, Calgary, AB, Canada

**RFB002**

**Real time PCR detection of mold cell-free DNA in plasma of immunocompromised patients**

Corrie R Belanger<sup>1,2</sup>, Kerstin Locher<sup>1,2</sup>, Billie Velapatino<sup>1,2</sup>, Senta G Reuss<sup>3</sup>, Othman Alhekail<sup>2</sup>, Anthony Lieu<sup>1,2</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Division of Medical Microbiology, Vancouver, BC, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>University Medical Center of Johannes Gutenberg University Mainz, Mainz, Germany

**RFB003**

**Increased Ertapenem MIC Cut-offs for Carbapenemase-confirmation: Significant reduction in confirmatory testing without loss of sensitivity**

Philippe Lagacé-Wiens<sup>1,2</sup>, Kenneth Wu<sup>1</sup>, Heather Adam<sup>1,2</sup>, Andrew Walkty<sup>1,2</sup>, Christine Turenne<sup>1,2</sup>, James Karlowsky<sup>1,2</sup>

<sup>1</sup>Shared Health, Winnipeg, MB, Canada; <sup>2</sup>University of Manitoba, Winnipeg, MB, Canada

**RFB004**

**A National tick-borne Infection Survey of Canadian Patients: Diagnostic Pathways, Care Access, and Health-System Barriers**

Don Graham

Lyme: OhOh Canada; Toronto, ON, Canada; Canadian Lyme Coalition, Toronto, ON, Canada



**RFB005**

**Outpatient Parenteral Antibiotic Therapy Clinical Outcomes Registry and Evaluation (OPAT CORE): Development, validation, and preliminary results of electronic medical record integrated multi-hospital prospective registry in Vancouver, British Columbia,**

William J Connors<sup>1,2</sup>, Shaqil Peermohamed<sup>1,3</sup>, Victoria Weaver<sup>1,3</sup>, Josh Douglas<sup>1,4</sup>, Queenie Dinh<sup>1,2</sup>, Alissa Wright<sup>1,3</sup>

<sup>1</sup>Division of Infectious Diseases, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>St.Paul's Hospital, Vancouver, BC, Canada; <sup>3</sup>Vancouver General Hospital, Vancouver, BC, Canada; <sup>4</sup>Lions Gate Hospital, Vancouver, BC, Canada

**RFB006**

**Clinical performance of *Aspergillus* PCR in bronchial samples for the diagnosis of invasive pulmonary aspergillosis**

Billie Velapatino<sup>1,2</sup>, Kerstin Locher<sup>1,2</sup>, Suefay Liu<sup>1,2</sup>, Anthony Lieu<sup>1,2</sup>, Sean Ling<sup>1,2</sup>, Corrie Belanger<sup>1,2</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada

**RFB007**

WITHDRAWN

**RFB008**

**Cefiderocol susceptibility of carbapenemase producing Enterobacterales and *Acinetobacter sp* in Canada**

Laura F Mataseje<sup>1</sup>, Yves Longtin<sup>2</sup>, Kathleen Dunn<sup>3</sup>, Jacqueline Arthur<sup>3</sup>, Mandy Reimer<sup>1</sup>, George Golding<sup>1</sup>, Amrita Bharat<sup>1</sup>, CNISP CPO Working Group<sup>3</sup>

<sup>1</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>2</sup>Jewish General Hospital, Montreal, QC, Canada; <sup>3</sup>Public Health Agency of Canada, Ottawa, ON, Canada

**RFB009**

**Automated Detection of Alphaherpesviruses: Validation of the UC-TIB-HSV/VZV Assay on the cobas® 5800 System**

Hanh Tran<sup>1</sup>, Shannon Schofield<sup>1</sup>, Fatimah AlMutawa<sup>1,2</sup>, Johan Delpont<sup>1,2</sup>, Sameer Elsayed<sup>1,2</sup>, Jeffrey Fuller<sup>1,2</sup>, Ruchika Gupta<sup>1,2</sup>, Fatima Khalil-Clair<sup>1</sup>, Allie McBride<sup>1</sup>, Ana Cabrera<sup>1,2</sup>

<sup>1</sup>Pathology and Laboratory Medicine, London Health Sciences Centre, London, ON, Canada; <sup>2</sup>Shulich School of Medicine and Dentistry, Western University, London, ON, Canada

**RFB010**

**Methicillin-resistant *Staphylococcus aureus* outbreak analysis using whole genome sequencing**

Melisa Avanness<sup>1</sup>, Amber Linkenheld<sup>1</sup>, Heather Candon<sup>1</sup>, Lorraine Maze dit Mieusement<sup>1</sup>, Nicholas Waglechner<sup>2</sup>, Robert Kozak<sup>2</sup>, Jerome Leis<sup>3</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada



18:15 – 18:30 Transition Break to SJCC

**18:30 – 20:00 Welcome and Recognition Reception**

You are warmly invited to the 2026 Annual Conference Welcome and Recognition Reception, an opportunity to connect with colleagues and friends, celebrate achievements, and officially kick off the conference. Join members of the planning committees, speakers, sponsors, exhibitors, and fellow delegates in a relaxed and informal setting. Enjoy light refreshments while spending time in the exhibit hall and engaging with colleagues. Take time to reconnect, make new connections, and capture the moment at the photo booth, available for official award recipient photos, group shots, and casual photo fun throughout the evening. Let's celebrate the start of a memorable conference experience together.



**07:00 – 18:00 Speaker Ready Room**

**Room: Placentia Bay, Delta**

**07:00 – 18:00 Internet Café**

**Room: Bannerman Ballroom Foyer, SJCC**

**07:00 – 18:30 Conference Registration**

**Room: Bannerman Ballroom Foyer, SJCC**

**07:00 – 08:30 AMMI Canada Phage Therapy Meeting**

**Room: Brownsdale, Delta**

**07:00 – 08:30 CACMID AGM**

**Room: Victoria, SJCC**

**08:45 - 10:15 Welcome, Awards and Plenary**

**Once Eliminated, Now Spreading: Measles Viewed from the Front Lines**



**Room: Bannerman Ballroom, SJCC**

**Moderators: Earl Rubin (QC)**

**Nisha Thampi (ON)**

**Speakers: Catalina Friesen (ON)**

**Carly Simpson (ON)**

At the end of this session, participants should be able to:

- Outline the evolution of Canada's largest post-elimination measles outbreak
- Describe how a Canadian community faced the outbreak
- Discuss successful interventions that built trust and confidence in health providers
- Review current epidemiology around the world and see if it ties to vaccine hesitancy

**10:00 – 18:00 Dr. Bugs Escape Room**

Last group entrance 17:30

**Room: Pippy, SJCC**

**10:15 – 10:45 Exhibit Hall Open: Break in Exhibit Hall**

**Room: Bowring Ballroom, SJCC**



**10:45 – 11:45 Impact and Evaluation of Seasonal Immunization Programs for Respiratory Viruses**  
(Co-developed learning activity with Sanofi)



**Room: Bannerman Ballroom, SJCC**

Moderator: Earl Rubin (QC)

Speakers: Alon Vaisman (ON)  
Jesse Papenburg (QC)

At the end of this session, participants should be able to:

- Examine the populational impact of seasonal immunization programs in the healthy and vulnerable population (RSV, Influenza and COVID) in preventing public health burden and explore variations seen across Canada and internationally
- Identify key factors that affect the overall population level impact of seasonal immunization programs
- Discuss innovative study methodologies or systems that may help to better evaluate the impact of seasonal immunization programs through multiple outcomes

**11:45 – 13:45 Lunch in Exhibit Hall**  
**Room: Bowring Ballroom, SJCC**

**12:45 – 13:45 Poster Presentations and Q & A**  
(see page 54 for details)

**13:45 – 14:15 Transition Break to Delta**

**14:15 – 15:45 Concurrent Sessions**  
**Oral Presentations C: Student Competition**  
**Room: Avalon A Ballroom, Delta**

**C01**

**Real-time multiplexed PCR Followed by Amplicon Tiling and Next-Generation Sequencing for Accurate Resolution of *Streptococcus pneumoniae* Serotypes**

Nicole Paterson<sup>1</sup>, Samuel F Hatchette<sup>1</sup>, Ariela Polsky<sup>1</sup>, Peter Robertson<sup>1</sup>, Gregory R McCracken<sup>2</sup>, Allana Loder<sup>3</sup>, Zhenyu Cheng<sup>1</sup>, Jason J LeBlanc<sup>1,2,4</sup>

<sup>1</sup>Department of Microbiology and Immunology, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>3</sup>National Microbiology Laboratory (NML), Public Health Agency of Canada (PHAC), Winnipeg, MB, Canada; <sup>4</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada



**C02**

**Real-world experience of dalbavancin for treatment of serious injection-related infections (IRI) in people who inject drugs (PWID)**

Emily Pritchard<sup>1</sup>, Emma K Reid<sup>2</sup>, Valerie Murphy<sup>2</sup>, Sarah Burgess<sup>2</sup>, Caitlin Sampson<sup>3</sup>, Paul Bonnar<sup>3,4</sup>, J Mariah Hughes<sup>3,4</sup>

<sup>1</sup>College of Pharmacy, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Department of Pharmacy, Nova Scotia Health, Halifax, NS, Canada; <sup>3</sup>Division of Infectious Diseases, Nova Scotia Health, Halifax, NS, Canada; <sup>4</sup>Faculty of Medicine, Dalhousie University, Halifax, NS, Canada

**C03**

**Late diagnosis of chronic Hepatitis B and associated risk factors in Quebec: A population-based cohort analysis**

Shirin Tabrizi<sup>1</sup>, Hamed Ghanati<sup>2</sup>, Maria Spagnulo<sup>2</sup>, Christel Renoux<sup>2,3</sup>, Janie Coulomb<sup>4</sup>, Beate Sander<sup>5,6,7</sup>, William Wong<sup>6,7,8</sup>, Jordan Feld<sup>9,10,11</sup>, Naveed Janjua<sup>12,13</sup>, Christina Greenaway<sup>2,3,14</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McGill University, Montreal, QC, Canada; <sup>2</sup>Centre for Clinical Epidemiology, Lady Davis Institute, Jewish General Hospital, Montreal, QC, Canada; <sup>3</sup>Department of Epidemiology, Biostatistics and Occupational Health, School of Population and Global Health, McGill University, Montreal, QC, Canada; <sup>4</sup>Department of Mathematics and Statistics, Université de Montréal, Montreal, QC, Canada; <sup>5</sup>Institute of Health Policy, Management and Evaluation, University of Toronto, Toronto, ON, Canada; <sup>6</sup>Toronto Health Economics and Technology Assessment (THETA) Collaborative, Toronto General Hospital, University Health Network, Toronto, ON, Canada; <sup>7</sup>ICES, Toronto, ON, Canada; <sup>8</sup>School of Pharmacy, University of Waterloo, Kitchener, ON, Canada; <sup>9</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada; <sup>10</sup>Toronto Centre for Liver Disease, University Health Network, Toronto, ON, Canada; <sup>11</sup>University Health Network, Toronto, ON, Canada; <sup>12</sup>BC Centre for Disease Control, Vancouver, BC, Canada; <sup>13</sup>School of Population Public Health, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>14</sup>Division of Infectious Diseases, Jewish General Hospital, Montreal, QC, Canada

**C04**

**Development and validation of ChatData–Microbiology: an Automated Antibigram Platform for Antimicrobial Resistance Surveillance**

Yerin R Lee<sup>1,2</sup>, Camilo Sanchez<sup>2</sup>, Heping Liu<sup>2</sup>, Aanal Patel<sup>2</sup>, Sam Mihuc<sup>1,2</sup>, Susan M Poutanen<sup>1,2,3,4</sup>

<sup>1</sup>Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Department of Microbiology, University Health Network and Sinai Health System, Toronto, ON, Canada; <sup>3</sup>Department of Medicine, University Health Network and Sinai Health System, Toronto, ON, Canada; <sup>4</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada

**C05**

**Leveraging the GEMINI-Pediatrics Platform to evaluate antibiotic use in hospitalized children across Ontario**

Sophia Laird<sup>1</sup>, Farhana Islam<sup>2</sup>, Anne Löffler<sup>1</sup>, Surain Roberts<sup>1,3</sup>, Amol Verma<sup>1,3,4</sup>, Fahad Razak<sup>1,3,4</sup>, Julia Orkin<sup>2,3,5,6</sup>, Sanjay Mahant<sup>2,3,5,6</sup>, Peter J Gill<sup>2,3,4,5</sup>

<sup>1</sup>Li Ka Shing Knowledge Institute, St Michael's Hospital, Toronto, ON, Canada; <sup>2</sup>Child Health Evaluative Sciences, Research Institute, The Hospital for Sick Children, Toronto, ON, Canada; <sup>3</sup>Institute of Health Policy, Management, and Evaluation, University of Toronto, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada; <sup>5</sup>Division of Paediatric Medicine, The Hospital for Sick Children, Toronto, ON, Canada; <sup>6</sup>Department of Paediatrics, University of Toronto, Toronto, ON, Canada



14:15 – 15:45 **Concurrent Sessions**  
**Oral Presentations D**

Room: Avalon B Ballroom, Delta

**D01**

**Mathematical modelling of Hepatitis C Virus (HCV) transmission and control to inform provincial HCV elimination**

Laura Bruce, Amy Hurford, Peter Daley  
Memorial University, St. John's, NL, Canada

**D02**

**Detection and isolation of Enteroinvasive *Escherichia coli* (EIEC) from an Outbreak in a Canadian Province**

Byron Berenger<sup>1,2,3</sup>, Linda Chui<sup>4,5</sup>, Matthew A Croxen<sup>4,5,6,7</sup>, Matthew Diggle<sup>4,5,6</sup>, Tanis C Dingle<sup>1,2</sup>, Thomas Griener<sup>2,3</sup>, Tarah Lynch<sup>1,2</sup>, Brendon D Parsons<sup>4,5,7</sup>, Graham Tipples<sup>4,5,6,8</sup>

<sup>1</sup>Public Health Laboratory, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada; <sup>3</sup>Microbiology, Diagnostic and Scientific Centre, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>4</sup>Public Health Laboratory, Alberta Precision Laboratories, Edmonton, AB, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada; <sup>6</sup>Li Ka Shing Institute of Virology, Edmonton, AB, Canada; <sup>7</sup>Women and Children's Health Research Institute, University of Alberta, Edmonton, AB, Canada; <sup>8</sup>Department of Medical Microbiology and Immunology, University of Alberta, Edmonton, AB, Canada

**D03**

**Malaria in Hospitalized Pediatric Patients in Canada: A Retrospective Review from 2014 to 2023**

Geraldine Huynh<sup>1</sup>, Rohini Datta<sup>2</sup>, Jason Brophy<sup>3</sup>, Jeannette Comeau<sup>4</sup>, Andrea Conroy<sup>5</sup>, Devika Dixit<sup>6</sup>, Michael T Hawkes<sup>7</sup>, Sandra Isabel<sup>8</sup>, Joan Robinson<sup>1</sup>, Anael Tessier-Gagnon<sup>8</sup>, Joseph Vayalumkal<sup>6</sup>, Thomas Armstrong<sup>1</sup>, Jennifer Bowes<sup>3</sup>, Shenna Dunn<sup>9</sup>, Laura Erdman<sup>9</sup>, Elodie Gemme<sup>10</sup>, Charlotte Gubany<sup>11</sup>, Sameer Kassim<sup>10</sup>, Carsten Krueger<sup>6</sup>, Bonita E Lee<sup>1</sup>, Alison Lopez<sup>12</sup>, Victoria Mailhot<sup>8</sup>, Gunjan Mhapankar<sup>3</sup>, Fatema Mohamed<sup>2</sup>, Myriam Perkins<sup>8</sup>, Jeffrey Pernica<sup>9</sup>, Marina Salvadori<sup>11</sup>, Rhea Thomas<sup>9</sup>, Hanna Van Dierdonck<sup>9</sup>, Elizabeth Zhang<sup>1</sup>, Kescha Kazmi<sup>2</sup>, Shaun Morris<sup>2</sup>

<sup>1</sup>University of Alberta, Edmonton, AB, Canada; <sup>2</sup>University of Toronto, Toronto, ON, Canada; <sup>3</sup>University of Ottawa, Ottawa, ON, Canada; <sup>4</sup>Dalhousie University, Halifax, NS, Canada; <sup>5</sup>Indiana University School of Medicine, Bloomington, Indiana, USA; <sup>6</sup>University of Calgary, Calgary, AB, Canada; <sup>7</sup>University of British Columbia, Vancouver, BC, Canada; <sup>8</sup>Université Laval, Quebec City, QC, Canada; <sup>9</sup>McMaster University, Hamilton, ON, Canada; <sup>10</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>11</sup>McGill University, Montreal, QC, Canada; <sup>12</sup>Western University, London, ON, Canada

**D04**

**Evaluating Tuberculosis exposure thresholds and transmission in the inpatient setting**

Sophie Asselstine<sup>1</sup>, Kelsey Houston<sup>1</sup>, Kimberly Gibbens<sup>1</sup>, Shaindel Kestenberg<sup>1</sup>, Elizabeth Rea<sup>2</sup>, Alon Vaisman<sup>1</sup>

<sup>1</sup>University Health Network, Toronto, ON, Canada; <sup>2</sup>Toronto Public Health, Toronto, ON, Canada

**D05**

**Building towards a translational antimicrobial resistance database from a high-quality, curated bioinformatics resource with the Comprehensive Antibiotic Resistance Database**

Brian P Alcock<sup>1,2,3</sup>, Andrew G McArthur<sup>1,2,3</sup>

<sup>1</sup>MG DeGroote Institute for Infectious Disease Research, McMaster University, Hamilton, ON, Canada; <sup>2</sup>David Braley Centre for Antibiotic Discovery, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Department of Biochemistry and Biomedical Sciences, McMaster University, Hamilton, ON, Canada



**14:15 – 15:45 Concurrent Sessions  
Rapid Fire Presentations C**

**Room: Avalon C and D Ballroom, Delta**

**RFC001**

**Detection of CMV, EBV, and HHV6 in pooled nasopharyngeal specimens (NPS) from pediatric patients with upper respiratory tract infections**

Zayn Brar<sup>1,2</sup>, Zareen Fatima<sup>1</sup>, Kelly Waters<sup>2</sup>, Jodi Gilchrist<sup>1,2</sup>, Sarah Marttala<sup>2</sup>, Doris Williams<sup>2</sup>, Marek Smieja<sup>1,2,3</sup>, Mohammed Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute of St. Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

**RFC002**

**Clinical impact and diagnostic stewardship of 16S rRNA gene PCR and sequencing for culture-negative infections in a large Canadian hospital system**

Pearl Abdulkadir<sup>1</sup>, D Brody Duncan<sup>1,2</sup>

<sup>1</sup>Division of Medical Microbiology, Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Department of Microbiology, Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

**RFC003**

**Antibiotics don't take weekends off: Fewer broad-spectrum antibiotic discontinuations on Saturdays and Sundays**

Emma CL Finlayson-Trick<sup>1</sup>, Salomeh Shajari<sup>2</sup>, Shaqil Peermohamed<sup>2,3</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>ASPIRES (Antimicrobial Stewardship Programme: Innovation, Research, Education, and Safety), Patient Quality and Safety, Vancouver Coastal Health, Vancouver, BC, Canada; <sup>3</sup>Divisions of Infectious Diseases, Department of Medicine, University of British Columbia, Vancouver, BC, Canada

**RFC004**

**Epidemiologic and Genomic Surveillance of Human Coronavirus OC43 in Ontario, Canada; identifies variability in the Spike protein, limiting the potential for cross-protective immunity,**

Kyla Tozer<sup>1</sup>, Henry Wong<sup>1,2</sup>, Calvin Sjaarda<sup>1,2</sup>, Jad Tirani<sup>1</sup>, Maedah Naghibosadat<sup>3</sup>, Danielle Brabant-Kirwan<sup>4</sup>, Ramzi Fattouh<sup>5,6</sup>, Robert Kozak<sup>3,7</sup>, Prameet M Sheth<sup>1,2</sup>

<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>Division of Microbiology, Kingston Health Sciences Center, Kingston, ON, Canada; <sup>3</sup>Sunnybrook Health Sciences Centre, Biological Sciences Platform, Toronto, ON, Canada; <sup>4</sup>Division of Microbiology, Health Sciences North, Sudbury, ON, Canada; <sup>5</sup>St. Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>6</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>7</sup>Shared Hospital Laboratory, Toronto, ON, Canada

**RFC005**

**Prevalence of *Strongyloides stercoralis* infection among immunosuppressed patients at a tertiary care centre in Canada: a cross-sectional screening study**

Clare Fogarty<sup>1,2</sup>, Curtis Quan<sup>3</sup>, Romina Gheorghe<sup>2</sup>, Olena Zotova<sup>2</sup>, Faheel Naeem<sup>2</sup>, Lyne Cedilotte<sup>2,4</sup>, Michael Libman<sup>1,2,4</sup>, Cedric Yansouni<sup>1,2,4</sup>, Momar Ndao<sup>1,5</sup>, Sapha Barkati<sup>1,2,4</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McGill University, Montreal, QC, Canada; <sup>2</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>3</sup>Department of Medicine, University of Calgary, Calgary, AB, Canada; <sup>4</sup>JD MacLean Centre for Tropical & Geographic Medicine, McGill University, Montreal, QC, Canada; <sup>5</sup>National Reference Centre for Parasitology, The Research Institute of the McGill University Health Centre, Montreal, QC, Canada



**RFC006**

**Assessment of the environmental impact of inappropriate intravenous use of highly bioavailable antibiotics using a calculated carbon footprint**

Curtis Quan<sup>1</sup>, Danah Alsharah<sup>2</sup>, Deana Sabuda<sup>3</sup>, Irina Rajakumar<sup>3</sup>

<sup>1</sup>Department of Medicine, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>2</sup>Department of Pediatrics, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>3</sup>Pharmacy Services, Alberta Health Services, Calgary, AB, Canada

**RFC007**

**Rapid Molecular and Antimicrobial Resistance Detection of *Mycoplasma genitalium***

Iidowu B Olawoye<sup>1</sup>, Maegen Taylor<sup>1</sup>, Emmanuel A Ayeni<sup>1</sup>, Evan Stewart<sup>1</sup>, Ashlyn J Kim<sup>1</sup>, Jennifer L Guthrie<sup>1,2</sup>

<sup>1</sup>Department of Microbiology and Immunology, Schulich School of Medicine and Dentistry, Western University, London, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada

**RFC008**

**A Proactive Quality Assurance Framework for Monitoring Primer-Template Complementarity in Evolving Respiratory Viruses**

Kumudhavalli Kavanoor Sridhar<sup>1</sup>, Manija Rahimi<sup>2</sup>, Patryk Aftanas<sup>2</sup>, Nicholas Waglechner<sup>2</sup>, Finlay Maguire<sup>2</sup>, Tanvir Pathan<sup>2</sup>, Robert A, Kozak<sup>1,2,3</sup>, Xena X, Li<sup>1,2,4</sup>, Kevin Katz<sup>1,2,4</sup>, Samira Mubareka<sup>1,2</sup>, Christie Vermeiren<sup>1,2</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>Sunnybrook Research Institute, Toronto, ON, Canada; <sup>4</sup>Infection Prevention and Control, North York General Hospital, Toronto, ON, Canada

**RFC009**

WITHDRAWN

**RFC010**

**Contrasting virulome, resistome and bacteriocin profiles in shiga toxin-producing *E. coli* circulating in Quebec**

Selena Landry<sup>1,2</sup>, Isabelle Bernaquez<sup>1,2</sup>, Dihya Baloul<sup>1</sup>, Charles Dozois<sup>3</sup>, Sadjia Bekal<sup>1,2</sup>

<sup>1</sup>Laboratoire de santé publique du Québec, Ste-Anne-de-Bellevue, QC, Canada; <sup>2</sup>Microbiology, infectiology and immunology department of University of Montreal, Montreal, QC, Canada; <sup>3</sup>Institut National de la recherche scientifique, Laval, QC, Canada



**14:15 – 15:45 Concurrent Sessions  
Rapid Fire Presentations D**

**Room: Harbourview Ballroom, Delta**

**RFD001**

**Retrospective analysis of fecal microbiota, live (RBL) in preventing recurrent *Clostridioides difficile* infection: Early real-world use in Canadian patients**

Theodore S Steiner<sup>1</sup>, Michael Silverman<sup>2</sup>, Issa E, Ephtimios<sup>3</sup>, Tracey Jason<sup>4</sup>, Susan N Elliott<sup>4</sup>, Jennifer Kamien<sup>4</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Western University, London, ON, Canada; <sup>3</sup>Interior Health Authority and Kelowna General Hospital, Kelowna, BC, Canada; <sup>4</sup>Ferring Inc., Toronto, ON, Canada

**RFD002**

**Strengthening Public Health and Clinical Responses to Shiga Toxin-Producing *E. coli* Infections by Improving Isolation and Shiga Toxin 1 and 2 Detections from Nucleic Acid Test-Positive Feces**

Byron M Berenger<sup>1,2,3</sup>, Thomas Griener<sup>2,3</sup>, Linda Chui<sup>4,5</sup>

<sup>1</sup>Provincial Public Health Laboratory, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada; <sup>3</sup>Microbiology, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>4</sup>Provincial Public Health Laboratory, Alberta Precision Laboratories, Edmonton, AB, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada

**RFD003**

**Hospital characteristics associated with healthcare-associated viral respiratory infection rates in a Canadian acute care network**

Erin McGill<sup>1</sup>, Diane Lee<sup>1</sup>, Caroline Quach<sup>2</sup>, Jerome Leis<sup>3</sup>, Mark Downing<sup>4</sup>, John Conly<sup>5</sup>, Jennifer Ellison<sup>6</sup>, John M Embil<sup>7</sup>, Bonita E Lee<sup>8</sup>, Yves Longtin<sup>9</sup>, Dominik Mertz<sup>10</sup>, Stephanie Smith<sup>8</sup>, Reena Titoria<sup>11</sup>, Olivia Varsaneux<sup>1</sup>, Joseph Vayalumkal<sup>5</sup>, Nisha Thampj<sup>12</sup>, Charles Frenette<sup>9</sup>

<sup>1</sup>Canadian Nosocomial Infection Surveillance Program, Public Health Agency of Canada, Ottawa, ON, Canada; <sup>2</sup>University of Montreal, Montreal, QC, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada; <sup>4</sup>Dalhousie University, Halifax, NS, Canada; <sup>5</sup>University of Calgary, Calgary, AB, Canada; <sup>6</sup>Alberta Health Services, Calgary, AB, Canada; <sup>7</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>8</sup>University of Alberta, Edmonton, AB, Canada; <sup>9</sup>McGill University, Montreal, QC, Canada; <sup>10</sup>McMaster University, Hamilton, ON, Canada; <sup>11</sup>Provincial Health Services Authority, Vancouver, BC, Canada; <sup>12</sup>University of Ottawa, Ottawa, ON, Canada

**RFD004**

**Genomic characterization of non-invasive isolates of *Streptococcus pyogenes* collected from 2023-2025**

Heidi Li<sup>1</sup>, Nicholas Wagglechner<sup>1</sup>, Angel Li<sup>2</sup>, Maxime Lefebvre<sup>2</sup>, Lee Goneau<sup>3</sup>, Ramzi Fattouh<sup>4</sup>, Aaron Campigotto<sup>5</sup>, Patryk Aftanas<sup>1</sup>, Kevin Katz<sup>1</sup>, Christie Vermeiren<sup>1</sup>, Irene Martin<sup>6</sup>, Alyssa Golden<sup>6</sup>, Finlay Maguire<sup>1,7</sup>, Allison McGeer<sup>2</sup>, Robert Kozak<sup>1</sup>

<sup>1</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>2</sup>Department of Microbiology, University Health Network/Sinai Health System, Toronto, ON, Canada; <sup>3</sup>Dynacare Laboratory, Brampton, ON, Canada; <sup>4</sup>St. Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>5</sup>The Hospital for Sick Children, Toronto, ON, Canada; <sup>6</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>7</sup>Computer Science / Community Health & Epidemiology, Dalhousie University, Halifax, NS, Canada

**RFD005**

**Unlocking the Value of RSV Adult Vaccination with Adjuvanted RSVPreF3 Vaccine in Canada: a Return on Investment Analysis Using an Integrated Actuarial-Macroeconomic model**

Eleftherios Zarkadoulas<sup>1</sup>, Joann Ban<sup>2</sup>, Robert Taglione<sup>2</sup>, Bruce Seet<sup>2,3</sup>

<sup>1</sup>GSK, Wavre, Belgium. <sup>2</sup>GSK, Toronto, ON, Canada. <sup>3</sup>Department of Molecular Genetics, University of Toronto, Toronto, ON, Canada



**RFD006**

**Molecularization of dermatophyte testing from nail, skin scraping, and hair samples in a high-volume clinical microbiology laboratory**

Barbara Chow<sup>1</sup>, Julie Carson<sup>1,2</sup>, Michael Groeschel<sup>1,2</sup>

<sup>1</sup>Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of Calgary, Calgary, AB, Canada

**RFD007**

**Intermittent carriage of antibiotic-resistant organisms and enteric pathogens among healthy fecal microbiota transplant donors**

Connie TY Xie<sup>1</sup>, Kathleen Simms<sup>1,2</sup>, Golnoush Akhtari<sup>1</sup>, Ceylon Simon<sup>1</sup>, Shaista Anwer<sup>1</sup>, Bryn Hazlett<sup>1</sup>, Jordan Fruitman<sup>1,2</sup>, Melissa Kissoon<sup>1</sup>, Satyendar Singh<sup>3</sup>, Susy S Hota<sup>3,4</sup>, Susan M Poutanen<sup>1,4</sup>

<sup>1</sup>University Health Network/Mount Sinai Hospital, Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Infection Prevention and Control Department, University Health Network, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

**RFD008**

**Examining the impact of a risk-based approach to active surveillance and isolation for Vancomycin-Resistant Enterococcus**

Jessica Kociper, Alon Vaisman

University Health Network, Toronto, ON, Canada

**RFD009**

**Carbapenemase Producing Enterobacterales in Canada 2010-2024 - Data from the Canadian Nosocomial Infection Surveillance Program (CNISP)**

Laura Mataseje<sup>1</sup>, Erin McGill<sup>2</sup>, Yves Longtin<sup>3</sup>, CNISP CPO Working Group<sup>2</sup>

<sup>1</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>2</sup>Public Health Agency of Canada, Ottawa, ON, Canada; <sup>3</sup>Jewish General Hospital, Montreal, QC, Canada

**RFD010**

**Streamlining respiratory virus diagnostics: a workflow and performance comparison of cobas® respiratory flex versus a tiered laboratory-developed automated testing algorithm**

Andrew Giugno<sup>1</sup>, Shannon Schofield<sup>1</sup>, Hanh Tran<sup>1</sup>, Fatimah Almutawa<sup>1,2</sup>, Johan Delpont<sup>1,2</sup>, Sameer Elsayed<sup>1,2</sup>, Jeffrey Fuller<sup>1,2</sup>, Ruchika Gupta<sup>1,2</sup>, Fatima Khalil-Clair<sup>1</sup>, Allie McBride<sup>1</sup>, Ana Cabrera<sup>1,2</sup>

<sup>1</sup>Pathology and Laboratory Medicine, London Health Sciences Centre, London, ON, Canada; <sup>2</sup>Schulich School of Medicine and Dentistry, Western University, London, ON, Canada

15:45 – 16:00 Break



## 16:00 – 17:00 Concurrent Sessions

### **Redefining Care in Chronic Hepatitis B: 2025 HBV Guideline Updates and the Path to Functional Cure** (Co-developed learning activity with GSK Canada)



**Room: Avalon A Ballroom, Delta**

**Moderator:** Lisa Barrett (NS)

**Speaker:** Scott Fung (ON)

At the end of this session, participants should be able to:

- Summarize key updates in Canadian and International guidelines for the management of CHB and their clinical significance
- Apply updated guideline recommendations to optimize patient selection, monitoring, and treatment options in CHB
- Evaluate the evolving concept of functional cure in CHB and its implications for clinical practice and laboratory assessment
- Identify current challenges and future opportunities in the diagnosis and management of CHB within infectious diseases and medical microbiology practice

### **Diagnostic Challenges of Viral Respiratory Illness: Implications for Antibiotic Resistance**

(Co-developed learning activity with Pfizer Canada)



**Room: Avalon B Ballroom, Delta**

**Moderator:** Rob Kozak (ON)

**Speakers:** Dominik Mertz (ON)  
Nisha Thampi (ON)

At the end of this session, participants should be able to:

- Evaluate the factors that contribute to uncertainty in the diagnosis of viral and bacterial respiratory infections
- Explore uncertainties in the management of respiratory infections
- Assess the impact of antibiotic overuse in viral respiratory infections on antimicrobial resistance trends

### **The Importance of Sexual Health Testing Access for All in Canada: Self-Collection for Cervical Cancer Screening in Quebec, the Rise of STIs, and the Importance of Testing**

(Co-developed learning activity with Roche Diagnostics)



**Room: Avalon C and D Ballroom, Delta**

**Moderator:** Jodi Gilchrist (ON)

**Speakers:** François Coutlée (QC)  
Emy Philibert (QC)  
Todd Hatchette (NS)

At the end of this session, participants should be able to:

- Describe the performance and considerations of at home testing for sexually transmitted infections (STIs)
- Evaluate the performance of dry-swab self-sampling for the detection of hrHPV in comparison with clinician-collected cervical samples as well as factors affecting sample stability

## 17:00 – 17:15 Break



## 17:15 – 18:15 Concurrent Sessions

### MasterClass

#### Evidence-based Medicine Practice – It's Time for Laboratory Medicine to Come Onboard



Room: Avalon A Ballroom, Delta

Moderator: Ramzi Fattouh (ON)

Speaker: Marek Smieja (ON)

At the end of this session, participants should be able to:

- Consider pearls and pitfalls in assessing diagnostic test accuracy in microbiology
- Understand how evidence-based medicine practice guidelines are created
- Examine how microbiology guidelines affect patient outcomes and utilization

### MasterClass

#### *Staphylococcus aureus* Bloodstream Infections



Room: Avalon B Ballroom, Delta

Moderator: Peter Daley (NL)

Speaker: Todd Lee (QC)

At the end of this session, participants should be able to:

- Review recent evidence for therapy of *Staphylococcus aureus* bacteremia including combination therapy with an emphasis on recent randomized clinical trials
- Compare current evidence for oral and long-acting injectable options for the treatment of *S. aureus* bacteremia
- Explore exciting upcoming studies, new hypotheses to be tested, and their potential implications for future clinical practice

## 17:15 – 17:45 Lightning Learning

### *Candidozyma auris* in Canada - it's here!



Room: Avalon C and D Ballroom, Delta

Moderator: Philippe Dufresne (BC)

Speaker: Marthe Charles (BC)

At the end of this session, participants should be able to:

- Describe the clinical importance of *Candidozyma auris*, including its global and North American epidemiology, new taxonomic classification, and the implications for patient outcomes and public health
- Apply current best practices for diagnosis, laboratory detection, outbreak management, and infection prevention and control (IPAC), incorporating lessons learned from the 2019 Vancouver outbreak, new Canadian guidelines, and findings from the CNISP point-prevalence study

17:45 – 17:50 Break



**17:50 – 18:20 Lightning Learning**  
**Next Generation Antimicrobials and Antimicrobial Susceptibility Testing – new promise, new challenges**



**Room: Avalon C and D Ballroom, Delta**

**Moderator:** Philippe Lagacé-Wiens (MB)

**Speaker:** Cédric Yansouni (QC)

At the end of this session, participants should be able to:

- Review the challenges seen with conventional antibiotic susceptibility testing, including those for novel antibiotics in Canada
- Understand the landscape and pipeline of next-generation antimicrobial susceptibility testing technologies
- Recognize specific challenges facing direct-from-specimen technologies for the accuracy and interpretation of results

**19:00 – 20:00 JAMMI Editorial Board Meeting**

**Room: Bonnavista Bay, Delta**

**19:00 – 21:00 AMMI Canada Paediatric Committee and PICNIC Meeting**

**Room: Brownsdale, Delta**

**19:00 – 21:00 Unaccredited Learning Activities**

(see page 102 for details)



**06:30 – 08:00** CFID Bug Run

**Room:** Main Lobby, Delta

**07:00 – 13:00** Speaker Ready Room

**Room:** Bannerman Ballroom Foyer, SJCC

**07:00 – 13:00** Internet Café

**Room:** Bannerman Ballroom Foyer, SJCC

**07:00 – 15:00** Conference Registration

**Room:** Bannerman Ballroom Foyer, SJCC

**07:00 – 08:30** CCM AGM

**Room:** Victoria, SJCC

**08:45 - 10:00** Student Awards and Case Report Symposium

**Room:** Bannerman Ballroom, SJCC

Moderators: Susan Poutanen (ON)  
Rob Kozak (ON)  
Philippe Lagacé-Wiens (MB)

**Let's see if the audience is smarter and faster than AI. Same case, same data... who gets there first?**

**CR01:** Bonnie Lu,

Michael G. DeGroot School of Medicine, McMaster University, Hamilton ON, Canada

**CR02:** Kieffer Ferraris,

Department of Pediatrics, The University of British Columbia, Vancouver, BC, Canada

**CR03:** Sabrina Yeung,

Department of Medicine, McMaster University, Hamilton, ON, Canada

**CR04:** Zhan Shi,

Division of Diagnostic & Applied Microbiology, Department of Laboratory Medicine & Pathobiology, Faculty of Medicine & Dentistry, University of Alberta, Edmonton, AB, Canada

**10:00 – 10:15** Break

**Room:** Bannerman Ballroom Foyer, SJCC



**10:15 – 11:15**    **Concurrent Sessions**  
**State of the Art (START) Debate**  
**Metagenomics at War – Revolution or Evolution?**

Be it resolved: The Petri Dish Dynasty is over; Clinical metagenomics must be a first-line test for the critically ill and other high-risk patients

**Room: Bannerman Ballroom, SJCC**

**Moderators:** Vanessa Tran (ON)  
 Jessica Forbes (ON)

**Speakers:** Patrick Tang (BC)  
 Rubayet Hasan (ON)

**The Conflict**

Clinical microbiology is at a breaking point. On one side, revolutionaries promise to modernize diagnostics and save the “unexplained” patient. On the other, laboratory veterans warn of a “Castle in the Sky” - a high-tech illusion built on noise, debt, and false hope.

Join Dr. Patrick Tang and Dr. Rubayet Hasan as they dismantle their own research to find the truth.

At the end of this session, participants should be able to:

- Contrast the revolutionary potential of clinical metagenomics against well-established culture-based methods for the diagnosis of infectious diseases
- Justify the deployment of metagenomics as a first-line diagnostic tool
- Construct a sustainable diagnostic stewardship algorithm that incorporate metagenomics

**Workshop**  
**Hands-on Primer in Wound Care**



**Room: Victoria, SJCC**

**Moderator:** Jodi Gilchrist (ON)

**Speakers:** David Croitoru (ON)  
 Najmeh Soltaninejad (ON)

At the end of this session, participants should be able to:

- Understand the differences in wound care dressings and therapeutics
- Interpret complex wound culture and molecular results
- Apply biofilm and genomics into treatment plans
- Integrate IPAC principles into wound management

**11:15 – 12:45**    Lunch and Poster Presentations and Q and A  
 (see page 54 for details)

**Room: Bowring Ballroom, SJCC**



## 12:45 – 14:45 Plenary

### What's Hot in Infectious Diseases, Antibiotic Stewardship/ Infection Prevention and Control, and Paediatrics

*(co-developed learning activity with Canadian Foundation for Infectious Diseases (CFID))*



**Room: Bannerman Ballroom, SJCC**

**Moderator:** Will Connors (BC)  
Marek Smieja (ON)

**Speakers:** Samuel Bourassa-Blanchette (NL)  
Jeannette Comeau (NS)  
Peter Daley (NL)

At the end of this session, participants should be able to:

- Describe recent findings that impact the practice of adult infectious disease and IPAC
- Describe recent findings that impact the practice of paediatric infectious disease
- Describe recent findings that impact the practice antimicrobial stewardship

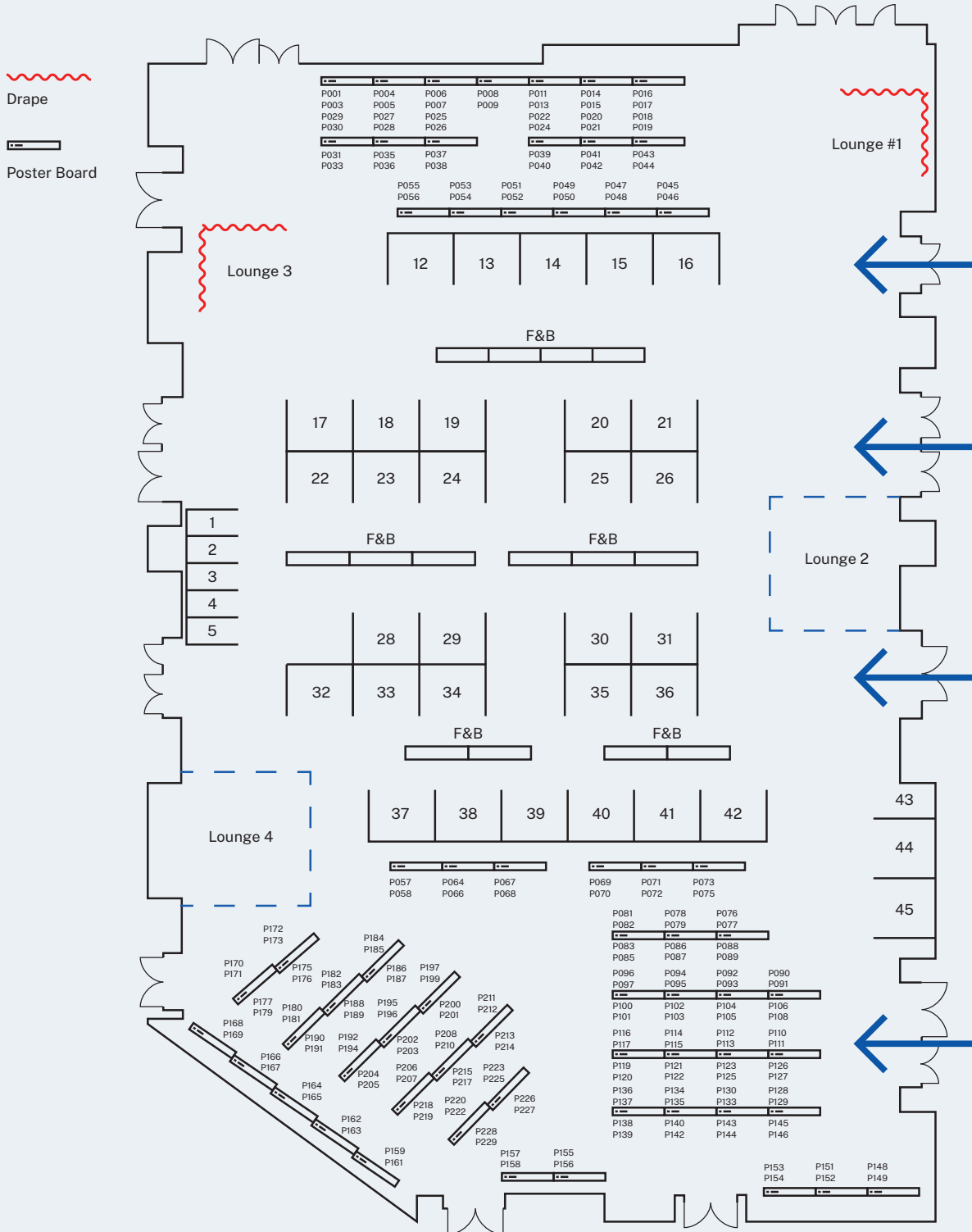
This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada and approved by AMMI Canada. The program was co-developed with AMMI Canada and the Canadian Foundation for Infectious Diseases (CFID) and was planned to achieve scientific integrity, objectivity, and balance. Under the guidance of the Innovative Medicines Canada Code of Ethical Practices this event is for healthcare professionals only.

## 14:45 – 15:00 Closing Remarks

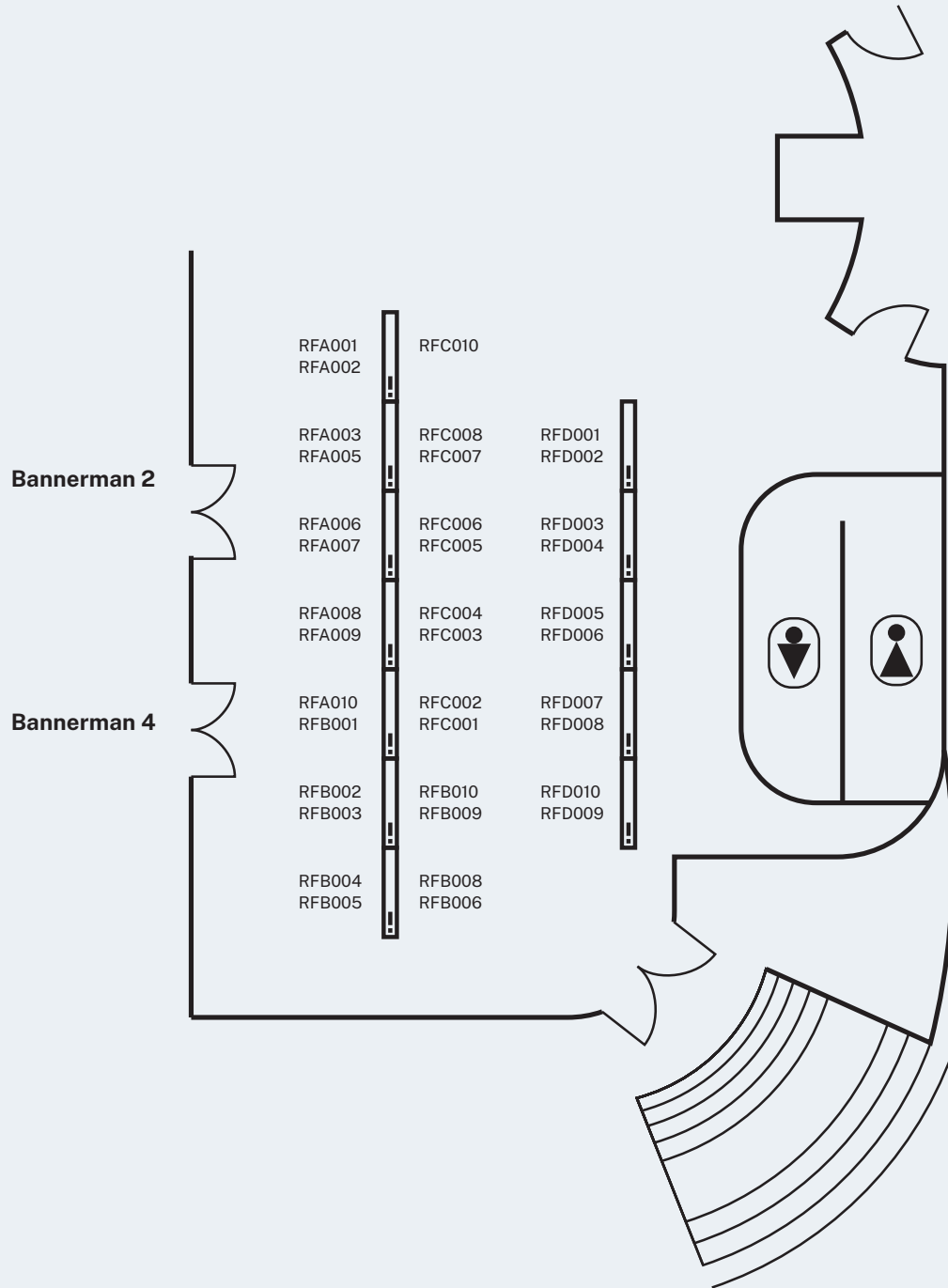


# Poster Floorplan

## Bowring Ballroom



## Bannerman Side Lobby



# Poster Viewing and Presentations

Viewing: Wednesday, April 29  
Thursday, April 30  
Friday, May 1  
Location: Bowring Ballroom (exhibit hall)

## Presenters will be available at their posters to answer questions:

- Thursday, April 30 from 12:45–13:45
- Friday, May 1 from 11:45–12:45

Posters are grouped by topic/category to facilitate browsing, rather than by submission type (e.g., student posters, case reports).

### P001

[Impact of rapid multiplex respiratory PCR testing on antimicrobial stewardship for atypical and pertussis pneumonia pathogens](#)

[Logan Coccimiglio](#)<sup>1</sup>, [Lucas Castellani](#)<sup>1,2</sup>, [Kumudhavalli Kavanoor Sridhar](#)<sup>3</sup>, [Helen McGillivray](#)<sup>4</sup>, [Michael Fralick](#)<sup>5,6</sup>

<sup>1</sup>Sault Area Hospital, Sault Ste Marie, ON, Canada; <sup>2</sup>Northern Ontario School of Medicine University, Sudbury, ON, Canada; <sup>3</sup>Division of Medical Microbiology, Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>4</sup>Division of Infectious Diseases, University of Toronto, Toronto, ON, Canada; <sup>5</sup>Sinai Health System, Toronto, ON, Canada; <sup>6</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

### P002

WITHDRAWN

### P003

[Antimicrobial stewardship prospective audit of piperacillin-tazobactam appropriateness and shadow recommendations in general internal medicine inpatients at a Canadian academic centre](#)

[Margaret V Anderson](#)<sup>1</sup>, [Teagan E Zeggil](#)<sup>1</sup>, [Jackson J Stewart](#)<sup>1</sup>, [Dima Kabbani](#)<sup>2</sup>, [Stephanie W Smith](#)<sup>2</sup>, [Lynora Saxinger](#)<sup>2</sup>, [Sarah A Drost](#)<sup>1</sup>, [Justin Z Chen](#)<sup>2</sup>

<sup>1</sup>Pharmacy Services, Alberta Health Services, Edmonton, AB, Canada; <sup>2</sup>Division of Infectious Diseases, Department of Medicine, University of Alberta, Edmonton, AB, Canada

### P004

[A playful approach to a serious problem: online games for World Antimicrobial Resistance Awareness Week](#)

[Shaqil Peermohamed](#)<sup>1</sup>, [Holly Chen](#)<sup>2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Firstline, Vancouver, BC, Canada

### P005

[Population-based provincial outpatient antimicrobial use trends](#)

[Michael Barrett](#)<sup>1</sup>, [Robert Wilson](#)<sup>1</sup>, [Gerry McDonald](#)<sup>2</sup>, [Cindy Whitten](#)<sup>2</sup>, [Peter Daley](#)<sup>2</sup>

<sup>1</sup>Quality of Care NL, St. John's, NL, Canada; <sup>2</sup>NL Health Services, St. John's, NL, Canada



## P006

### [Antimicrobial use rate in care delivered virtually](#)

Jennifer Woodrow<sup>1</sup>, Haiyan Wang<sup>1</sup>, Gerry McDonald<sup>1</sup>, Luke Porter<sup>2</sup>, Robert Wilson<sup>3</sup>, Peter Daley<sup>1</sup>

<sup>1</sup>NL Health Services, St. John's, NL, Canada; <sup>2</sup>Memorial University, St. John's, NL, Canada; <sup>3</sup>Quality of Care NL, St. John's, NL, Canada

## P007

### [Developing a digital dashboard for surveillance of antimicrobial use](#)

Emily K Black<sup>1,2,3</sup>, Syed Raza Abidi<sup>1</sup>, Jaber Rad<sup>1</sup>, Samina Abidi<sup>1</sup>, Pilar Ronbinson-Gonzalez<sup>1</sup>, Samuel Stewart<sup>1</sup>, Kathryn McIsaac<sup>4</sup>, Paul Bonnar<sup>1,2</sup>, Jeannette L Comeau<sup>1,3</sup>, Kathryn Slayter<sup>1,3</sup>, Jennifer Curran<sup>1,3</sup>

<sup>1</sup>Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Nova Scotia Health, Halifax, NS, Canada; <sup>3</sup>IWK Health, Halifax, NS, Canada; <sup>4</sup>Nova Scotia Department of Health and Wellness, Halifax, NS, Canada

## P008

### [Antimicrobial stewardship quality improvement initiative to optimize surgical antibiotic prophylaxis in patients with beta-lactam allergy](#)

Amy Aasen<sup>1</sup>, Samina Nazarali<sup>2</sup>, Samira Jeimy<sup>2</sup>, Lise Bondy<sup>3</sup>

<sup>1</sup>Pharmacy Services, St Joseph's Health Care, London, ON, Canada; <sup>2</sup>Division of Clinical Immunology and Allergy, Department of Medicine, Western University, London, ON, Canada; <sup>3</sup>Division of Infectious Diseases, Department of Medicine, Western University, London, ON, Canada

## P009

### [Nudging in MicroBiology Laboratory Evaluation \(NiMBLE\): A systematic review and meta-analysis](#)

Bradley J Langford<sup>1,2</sup>, Elizabeth Leung<sup>3,4</sup>, Esther Jeong<sup>3</sup>, Vaishnav Sivakumar<sup>5</sup>, Glyneva Bradley-Ridout<sup>4</sup>, Kevin Brown<sup>1</sup>, Jenna Wong<sup>6</sup>, Larissa M Matukas<sup>4</sup>

<sup>1</sup>Public Health Ontario, Toronto, ON, Canada; <sup>2</sup>McMaster University, Hamilton, ON, Canada; <sup>3</sup>Unity Health Toronto, Toronto, ON, Canada; <sup>4</sup>University of Toronto, Toronto, ON, Canada; <sup>5</sup>University of Waterloo, Waterloo, ON, Canada; <sup>6</sup>Association of Medical Microbiology and Infectious Disease Canada, Ottawa, ON, Canada

## P010

WITHDRAWN

## P011

### [Paired comparison of Ceftriaxone and Cefepime MIC for a sample of AmpC producing organisms](#)

Conor J Broderick<sup>1</sup>, Diana Whellams<sup>1,2</sup>, Kevin Afra<sup>1,2</sup>

University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Fraser Health, Vancouver, BC, Canada

## P012

WITHDRAWN



## P013

[Antifungal targeting of respiratory yeast isolates: a stewardship audit](#)

Kartikay Tyagi<sup>1</sup>, Vincent Deslandes<sup>2</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of Ottawa, Ottawa, ON, Canada; <sup>2</sup>Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada

## P014

[Antimicrobial resistance \(AMR\) consequences of the use of doxycycline for prevention of bacterial sexually transmitted infections \(STIs\): a systematic review](#)

Mary-Theresa Ugiomotiti Usuanlele<sup>1</sup>, Kabali Conrad<sup>2</sup>, Lawrence Mbuagbaw<sup>1,3,4</sup>, Mark Loeb<sup>1,5,6,7</sup>, Dominik Mertz<sup>1,5,6</sup>

<sup>1</sup>Department of Health Research Methods, Evidence, and Impact, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Division of Epidemiology, Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Department of Anesthesia, McMaster University, Hamilton, ON, Canada; <sup>4</sup>Biostatistics Unit/The Research Institute, St Joseph's Healthcare, Hamilton, ON, Canada; <sup>5</sup>Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>6</sup>Michael G. DeGroot Institute for Infectious Disease Research, McMaster University, Hamilton, ON, Canada; <sup>7</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada

## P015

[Comparison of first-line antimicrobial recommendations across seven Canadian pediatric hospitals](#)

Cailey Turner<sup>1</sup>, Danah Alsharrah<sup>1</sup>, Kyle Kilby<sup>2</sup>, Trevor Toy<sup>3</sup>, Carsten Krueger<sup>1</sup>

<sup>1</sup>Department of Pediatrics, Faculty of Medicine, University of Calgary, AB, Canada; <sup>2</sup>Department of Medicine, Faculty of Medicine, University of Calgary, AB, Canada; <sup>3</sup>Pharmacy Services, Alberta Health Services, Calgary, AB, Canada

## P016

[Parent perspectives on antimicrobial use and stewardship: Local lessons learned from a quality improvement project](#)

Talal Jawdat, Trevor Toy, Carsten Krueger

Alberta Children's Hospital, Calgary, AB, Canada

## P017

[Audit of Dalbavancin use and formulary adherence in Alberta](#)

Danah Alsharrah<sup>1</sup>, Curtis Quan<sup>2</sup>, Irina Rajakumar<sup>3</sup>

<sup>1</sup>Department of Pediatrics, Alberta Children's Hospital, Calgary, AB, Canada; <sup>2</sup>Department of Medicine, University of Calgary, Calgary, AB, Canada; <sup>3</sup>Pharmacy Services, Alberta Health Services, Calgary, AB, Canada

## P018

[Outpatient parenteral antimicrobial therapy in XXXXX](#)

Emily Pritchard<sup>1</sup>, Valerie Murphy<sup>2</sup>, Paul E Bonnar<sup>3</sup>, Emma K Reid<sup>2</sup>

<sup>1</sup>College of Pharmacy, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Department of Pharmacy, Nova Scotia Health, Halifax, NS, Canada; <sup>3</sup>Division of Infectious Diseases, Department of Medicine, Halifax, NS, Canada



## P019

Paediatric infection, deprivation and antibiotic use in Wakefield and Kirklees, United Kingdom

Akaninyene Otu

Mid Yorkshire Teaching Hospital NHS Trust, Leeds, United Kingdom

## P020

Patient values and preferences towards antibiotic use: a systematic review

Melanie Bermudez<sup>1</sup>, Bradley Langford<sup>1,2</sup>, Haotao Li<sup>1</sup>, Dena Zeeratkar<sup>1,3</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada; <sup>3</sup>AMMI Canada, Ottawa, ON, Canada

## P021

Multidrug-resistant *Bacteroides fragilis* group bloodstream infection treated with tigecycline and linezolid

Curtis Quan<sup>1</sup>, Deana Sabuda<sup>2</sup>, John Conly<sup>3,4</sup>, Tanis Dingle<sup>4,5</sup>, Elissa Rennert-May<sup>3</sup>

<sup>1</sup>Department of Medicine, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>2</sup>Pharmacy Services, Alberta Health Services, Calgary, AB, Canada; <sup>3</sup>Department of Medicine, Section of Infectious Diseases, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>4</sup>Department of Pathology and Laboratory Medicine, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>5</sup>Provincial Public Health Laboratory, Alberta Precision Laboratories, Edmonton, AB, Canada

## P022

Clinical usage of IV dalbavancin in Canada: Final results from the CLEAR Registry

George G Zhanel<sup>1</sup>, Michael Silverman<sup>2</sup>, Janhavi Bhalla<sup>2</sup>, Melanie Baxter<sup>1</sup>, Reza Rahimi<sup>3</sup>, Maggie Wong<sup>4</sup>, Yazdan Mirzanejad<sup>5</sup>, Timothy MacLaggan<sup>6</sup>, Kiarah Shchepanik<sup>7</sup>, Heather Wise<sup>7</sup>, Neal Irfan<sup>8</sup>, Gabriel Girouard<sup>9</sup>, Rita Dhami<sup>3</sup>, Melissa Kucey<sup>10</sup>, Vida Stankus<sup>11</sup>, Kristin Schmidt<sup>10</sup>, Sébastien Poulin<sup>12</sup>, William Connors<sup>5</sup>, Zain Chagla<sup>13</sup>, Alex Serebryansky<sup>14</sup>, Carlo Tascini<sup>15</sup>, Jean-François Tessier<sup>16</sup>, Yoav Keynan<sup>1</sup>, Andrew Walkty<sup>1</sup>, James Karlowsky<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>St. Joseph's Healthcare, London, ON, Canada; <sup>3</sup>Western University, London, ON, Canada; <sup>4</sup>Fraser Health, Vancouver, BC, Canada; <sup>5</sup>University of British Columbia, Vancouver, BC, Canada; <sup>6</sup>The Moncton Hospital, Moncton, NB, Canada; <sup>7</sup>Kingston Health Sciences Centre, Kingston, ON, Canada; <sup>8</sup>Hamilton Health Sciences Centre, Hamilton, ON, Canada; <sup>9</sup>Dr. Georges-L.-Dumont Hospital Centre, Moncton, NB, Canada; <sup>10</sup>Regina General Hospital, Regina, SK, Canada; <sup>11</sup>St Joseph's Health Care, London, ON, Canada; <sup>12</sup>Université de Sherbrooke, Sherbrooke, QC, Canada; <sup>13</sup>St Joseph's Healthcare, Hamilton, ON, Canada; <sup>14</sup>London Health Sciences Centre, London, ON, Canada; <sup>15</sup>Udine University Hospital, Udine, Italy; <sup>16</sup>CIUSSS de l'Est-de-l'Île-de-Montreal, Montreal, QC, Canada

## P023

WITHDRAWN

## P024

Characterization of linezolid- and vancomycin-resistant *Enterococcus faecium* within the Canadian Nosocomial Infection Surveillance Program from 2016-2024

Melissa McCracken<sup>1</sup>, Jessica Bartoszko<sup>2</sup>, Kelly Choi<sup>2</sup>, John Conly<sup>3</sup>, Jennifer Ellison<sup>3</sup>, John Embil<sup>4</sup>, Susy Hota<sup>5</sup>, Jennie Johnstone<sup>6</sup>, Kevin Katz<sup>7</sup>, Xena Li<sup>7</sup>, Ben Mack<sup>8</sup>, Jennifer Parsonage<sup>9</sup>, Stephanie W Smith<sup>9</sup>, Kathy Suh<sup>10</sup>, Jen Tomlinson<sup>4</sup>,



Nicole Lerminiaux<sup>1</sup>, George Golding<sup>1</sup>, Laura Mataseje<sup>1</sup>

<sup>1</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>2</sup>Public Health Agency of Canada, Ottawa, ON, Canada; <sup>3</sup>Alberta Health Services, Calgary, AB, Canada; <sup>4</sup>Health Sciences Centre, Winnipeg, MB, Canada; <sup>5</sup>University Health Network, Toronto, ON, Canada; <sup>6</sup>Sinai Health System, Toronto, ON, Canada; <sup>7</sup>North York General Hospital, Toronto, ON, Canada; <sup>8</sup>Fraser Health Authority, Surrey, BC, Canada; <sup>9</sup>University of Alberta Hospital, Edmonton, AB, Canada; <sup>10</sup>The Ottawa Hospital, Ottawa, ON, Canada

## P025

[Assessment of Virulence Factors and Antimicrobial Resistance Determinants in the 8 Unique V116 Pneumococcal Vaccine Serotypes 15A, 15C, 16F, 23A, 23B, 24F, 31, 35B in Canada: CANWARD 2011-2020](#)

John J Schellenberg<sup>1</sup>, Heather J Adam<sup>2</sup>, Melanie R Baxter<sup>1</sup>, James A Karlowsky<sup>2</sup>, Alyssa R Golden<sup>3</sup>, Irene Martin<sup>3</sup>, George G Zhanel<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Shared Health, Winnipeg, MB, Canada; <sup>3</sup>Public Health Agency of Canada, Winnipeg, MB, Canada

## P026

[How is IV amoxicillin/clavulanate used in Canada? Final results from the CLEAR registry](#)

George G Zhanel<sup>1</sup>, Gerald McDonald<sup>2</sup>, Melanie Baxter<sup>1</sup>, Brayden Halweg<sup>2</sup>, Alex Serebryansky<sup>3</sup>, Muhammad Hammad<sup>3</sup>, Anna Lee<sup>4</sup>, Zain Chagla<sup>5</sup>, Maggie Wong<sup>6</sup>, Yazdan Mirzanejad<sup>7</sup>, Melissa Kucey<sup>8</sup>, Neal Irfan<sup>9</sup>, Marty Teltscher<sup>10</sup>, Jean-François Tessier<sup>11</sup>, Andrew Walkty<sup>1</sup>, James Karlowsky<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>NLHS Eastern Urban Zone, St. John's, NL, Canada; <sup>3</sup>London Health Sciences Centre, London, ON, Canada; <sup>4</sup>Toronto General Hospital/UHN, Toronto, ON, Canada; <sup>5</sup>St. Joseph's Healthcare, Hamilton, ON, Canada; <sup>6</sup>Fraser Health, Vancouver, ON, Canada; <sup>7</sup>University of British Columbia, Vancouver, ON, Canada; <sup>8</sup>Regina General Hospital, Regina, SK, Canada; <sup>9</sup>Hamilton Health Sciences Centre, Hamilton, ON, Canada; <sup>10</sup>Jewish General Hospital, Montreal, QC, Canada; <sup>11</sup>CIUSSS de l'Est-de-l'Île-de-Montreal, Montreal, QC, Canada

## P027

[Treatment of endocarditis using ceftobiprole in Canada: Results from the national CLEAR registry](#)

George G Zhanel<sup>1</sup>, Justin Kosar<sup>2</sup>, Melanie Baxter<sup>1</sup>, Alex Serebryansky<sup>3</sup>, Rita Dharmi<sup>3</sup>, Sergio Borgia<sup>4</sup>, Neal Irfan<sup>5</sup>, Gordon Dow<sup>6</sup>, Teagan Rolf von den Baumen<sup>3</sup>, Carlo Tascini<sup>7</sup>, Gabriel Girouard<sup>8</sup>, Gerald McDonald<sup>9</sup>, Melissa Kucey<sup>10</sup>, Tammy Lloyd<sup>11</sup>, Tara Hoop<sup>12</sup>, Andrew Walkty<sup>1</sup>, James Karlowsky<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Royal University Hospital, Saskatoon, SK, Canada; <sup>3</sup>London Health Sciences Centre, London, ON, Canada; <sup>4</sup>William Osler Health System, Brampton, ON, Canada; <sup>5</sup>Hamilton Health Sciences Centre, Hamilton, ON, Canada; <sup>6</sup>The Moncton Hospital, Moncton, NB, Canada; <sup>7</sup>Udine University Hospital, Udine, Italy; <sup>8</sup>Dr. Georges-L.-Dumont University Hospital, Moncton, NB, Canada; <sup>9</sup>Newfoundland Health Sciences Centre, St. John's, NL, Canada; <sup>10</sup>Regina General Hospital, Regina, SK, Canada; <sup>11</sup>The Ottawa Hospital, Ottawa, ON, Canada; <sup>12</sup>Prairie Mountain Health, Brandon, MB, Canada

## P028

[Epidemiology, antimicrobial resistance patterns and genetic diversity of Novel PCV-20 Pneumococcal Vaccine Serotypes 8, 10A, 11A, 12F, 15B, 22F and 33F as well as Serotypes 3 and 19A in Canada: CANWARD 2011-2020](#)

John J Schellenberg<sup>1</sup>, Heather J Adam<sup>2</sup>, Melanie R Baxter<sup>1</sup>, James A Karlowsky<sup>2</sup>, Alyssa R Golden<sup>3</sup>, Irene Martin<sup>3</sup>, George G Zhanel<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Shared Health, Winnipeg, MB, Canada; <sup>3</sup>Public Health Agency of



Canada, Winnipeg, MB, Canada

## P029

Clinical case reports of KPC and NDM carbapenem-resistant *Enterobacterales* (CRE) infection treated with meropenem/vaborbactam ( $\pm$  aztreonam) following recent approval by Health Canada: Results from the national CLEAR registry

George G Zhanel<sup>1</sup>, Melanie Baxter<sup>1</sup>, Maggie Wong<sup>2</sup>, Yazdan Mirzanejad<sup>3</sup>, Lesley Palmay<sup>4</sup>, Sergio Borgia<sup>5</sup>, Ehsan Haghshenas<sup>5</sup>, Andrew Walkty<sup>1</sup>, James A Karlowsky<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Fraser Health, Vancouver, BC, Canada; <sup>3</sup>University of British Columbia, Vancouver, BC, Canada; <sup>4</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>5</sup>William Osler Health System, Brampton, ON, Canada

## P030

*In vitro* activity of fosfomycin against ertapenem-resistant *Enterobacterales* isolated from Canadian patients: CANWARD Surveillance Study 2007–2023

George Zhanel, Melanie Baxter, Heather Adam, Philippe Lagacé-Wiens, Andrew Walkty, James Karlowsky  
University of Manitoba, Winnipeg, MB, Canada

## P031

Trimethoprim–Sulfamethoxazole susceptibility in beta-hemolytic Streptococci at a Canadian tertiary center

Ariane Gendron, Rachel Higgins, Philippe Martin, Vincent Masse, Ève Capistran, Nathalie Brown  
Centre hospitalier universitaire de l'Université de Sherbrooke, Sherbrooke, QC, Canada

## P032

WITHDRAWN

## P033

Optimization and evaluation of three common antimicrobial resistance detection tools for *Campylobacter jejuni* and *Campylobacter coli* genomes

Isabelle Bernaquez<sup>1,2</sup>, Dihya Baloul<sup>1</sup>, Amrita Bharat<sup>3</sup>, Eduardo Taboada<sup>3</sup>, Sadjia Bekal<sup>1</sup>

<sup>1</sup>Laboratoire de santé publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada; <sup>2</sup>Département de microbiologie, infectiologie et immunologie, Faculté de Médecine, Université de Montréal, Montreal, QC, Canada; <sup>3</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada

## P034

WITHDRAWN

## P035

Evaluation of the achievement of a Pharmacodynamic Target of Piperacillin-Tazobactam for the population with obesity: An Open Randomized Controlled Feasibility Study (TAZO-OBESITY trial)

Sabrina Larocque<sup>1</sup>, Juliette Fournier<sup>1</sup>, Justine Brasseur-Masse<sup>1</sup>, Brittany Bernard<sup>2</sup>, Guiva Annane<sup>1,3</sup>, Louis-Patrick Haraoui<sup>4,5,6</sup>, Anis Ouyahia<sup>7</sup>, Amélie Marsot<sup>1,3,8</sup>, Benoit Crevier<sup>9</sup>



<sup>1</sup>Faculty of Pharmacy, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Faculty of Pharmacy, Université de Montréal, Montreal, QC, <sup>3</sup>STP2 Laboratory, Faculty of Pharmacy, Université de Montréal, Montreal, QC, Canada; <sup>4</sup>Department of Microbiology and Infectious Diseases, Université de Sherbrooke, Sherbrooke, QC, Canada; <sup>5</sup>Centre de recherche Charles-Le Moyne, Centre intégré de santé et de services sociaux de la Montérégie-Centre, Greenfield Park, QC, Canada; <sup>6</sup>Humans & the Microbiome Program, Canadian Institute for Advanced Research, Toronto, ON, Canada; <sup>7</sup>Department of Pharmacy, Centre intégré de santé et de services sociaux de la Montérégie-Centre, Greenfield Park, QC, Canada; <sup>8</sup>Research Center, CHU Sainte-Justine, Montreal, QC, Canada; <sup>9</sup>Department of Pharmacy, Centre intégré de santé et de services sociaux de la Montérégie-Centre, Greenfield Park, QC, Canada

## P036

[Variable high-level isoniazid resistance in \*Mycobacterium bovis\* BCG \(VERITY-BCG™ Strain\) causing hydrocele: A Case Report](#)

[Emma CL Finlayson-Trick](#)<sup>1</sup>, Danielle Jorgensen<sup>2</sup>, Trevor Hird<sup>2</sup>, Rupinder KhunKhun<sup>2</sup>, Tara Newman<sup>2</sup>, Mabel Rodrigues<sup>2</sup>, Victoria J Cook<sup>3,4</sup>, James Zlosnik<sup>1,2</sup>, Inna Sekirov<sup>1,5</sup>

<sup>1</sup>University of British Columbia, Department of Pathology and Laboratory Medicine, Vancouver, BC, Canada; <sup>2</sup>BC Centre for Disease Control Public Health Laboratory, Vancouver, BC, Canada; <sup>3</sup>BC Center for Disease Control, Provincial Tuberculosis Services, Vancouver, BC, Canada; <sup>4</sup>University of British Columbia, Department of Medicine, Vancouver, BC, Canada; <sup>5</sup>British Columbia Children's Hospital and British Columbia Women's Hospital & Health Centre, Department of Pathology and Laboratory Medicine, Division of Microbiology, Virology, & Infection Control, Vancouver, BC, Canada

## P037

[Treatment of \*Candida tropicalis\* fungemia and urinary fungus ball infection with micafungin-flucytosine combination therapy](#)

[Anish Krishnan](#)<sup>1,2</sup>, Mosaab Alam<sup>2</sup>, Yiannis Himaras<sup>2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Fraser Health Authority, Abbotsford, BC, Canada

## P038

[Use of polymyxin-B-based combination therapy in the treatment of multidrug-resistant Gram-negative infections in children with hematologic-oncologic conditions: Experience from a single-center retrospective case series](#)

[Kieffer Ferraris](#)<sup>1</sup>, Cecilia Maramba-Lazarte<sup>2</sup>

<sup>1</sup>Department of Pediatrics, The University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Division of Infectious and Tropical Diseases in Pediatrics, Department of Pediatrics, College of Medicine, University of the Philippines Manila, Philippines

## P039

[Oral Human Papillomavirus Infection aligns with a Coordinated Bacterial Microbiome Virulence Ecology](#)

[Ramadhani Chambuso](#)<sup>1,2</sup>, Vijay Bhavrao<sup>1</sup>, Yehia Mohamed<sup>1</sup>, Mushal Allam<sup>3</sup>, Farah Almarzooq<sup>3</sup>

<sup>1</sup>Ajman University College of Medicine, Ajman, UAE, <sup>2</sup>Harvard Chan School of Public Health, Boston, USA; <sup>3</sup>UAE University, Abu Dhabi, UAE

## P040

[Rapid Bacterial Identification from Positive Blood Cultures in Pediatrics: Performance Comparison of Three MALDI-TOF MS Approaches](#)

Bruno Cecyre<sup>1,2</sup>, Anne-Marie Demers<sup>1,3</sup>, Jessica Jackson<sup>2</sup>, Matthew Magyar<sup>1,3</sup>, Julie Blackburn<sup>1,3</sup>, [Emilie Vallieres](#)<sup>1,3</sup>



<sup>1</sup>Département de microbiologie, infectiologie et immunologie, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Optilab Montréal CHU Sainte-Justine, CHU Sainte-Justine, Montreal, QC, Canada; <sup>3</sup>Service de microbiologie, Département clinique de médecine de laboratoire, CHU Sainte-Justine, Montreal, QC, Canada

## P041

### [Genetic Diversity of \*Helicobacter pylori\* in Manitoba](#)

Marco Scerbo<sup>1,2,3</sup>, Matthew Walker<sup>2</sup>, Patrick Bastedo<sup>4</sup>, Shannon Eagle<sup>4</sup>, Philippe Lagacé-Wiens<sup>1,3</sup>, Sara Christianson<sup>2</sup>, Natalie Knox<sup>2,3</sup>, Aleisha Reimer<sup>2</sup>, [David C Alexander](#)<sup>1,3</sup>

<sup>1</sup>Diagnostic Services, Shared Health, Winnipeg, MB, Canada; <sup>2</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>3</sup>Department of Medical Microbiology & Infectious Diseases, Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, MB, Canada; <sup>4</sup>National Microbiology Laboratory, Public Health Agency of Canada, Guelph, ON, Canada

## P042

### [Evaluating Vitek2® and Kirby-Bauer \(KB\) Ertapenem for Optimizing Carbapenemase \(CPE\) Screening Across Enterobacterales](#)

[Rajan Kumar Dahal](#)<sup>1,2</sup>, Ali Jissam<sup>2</sup>, Marie-Chantal Langlois<sup>2</sup>, Mark Gaskin<sup>2</sup>, Candy Rutherford<sup>2</sup>, Deborah Lynn Yamamura<sup>1,2</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P043

### [Assessment of Baseline CRE Colonization Rate in Nova Scotia](#)

[Gregory R McCracken](#)<sup>1</sup>, Glenn Patriquin<sup>1,2,3</sup>, Ian Davis<sup>1,2,3</sup>, Elizabeth Simms<sup>1,2,3</sup>

<sup>1</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health, Halifax, NS, Canada; <sup>2</sup>Department of Medicine, Faculty of Medicine, Dalhousie University, Halifax, NS, Canada; <sup>3</sup>Department of Pathology, Faculty of Medicine, Dalhousie University, Halifax, NS, Canada

## P044

### [Variation in donor stool microbiome diversity and implications for fecal microbiota transplant effectiveness](#)

[Connie TY Xie](#)<sup>1</sup>, Golnoush Akhtari<sup>1</sup>, Ceylon Simon<sup>1</sup>, Shaista Anwer<sup>1</sup>, Bryn Hazlett<sup>1</sup>, Stephanie Fedsin<sup>2</sup>, Chantal Williams<sup>2</sup>, Satyender Dehmiwal<sup>2</sup>, Susy Hota<sup>2</sup>, Johane Allard<sup>2</sup>, Susan M Poutanen<sup>1,3</sup>

<sup>1</sup>University Health Network/Mount Sinai Hospital, Toronto, ON, Canada; <sup>2</sup>University Health Network, Toronto, ON, Canada; <sup>3</sup>Department of Laboratory Medicine and Pathobiology & Medicine, University of Toronto, Toronto, ON, Canada

## P045

### [Mycobacterium neoaurum central line associated bloodstream infection in a pediatric patient: Case report and literature review](#)

[Cara E Johnston](#)<sup>1,2</sup>, Shiloh M Pua<sup>2</sup>, Ninad Metha<sup>1,3</sup>, Rupeena Purewal<sup>1,2</sup>, Rupesh Chawla<sup>1,2</sup>

<sup>1</sup>University of Saskatchewan, Saskatoon, SK, Canada; <sup>2</sup>Jim Pattison Children's Hospital, Saskatoon, SK, Canada; <sup>3</sup>Royal University Hospital, Saskatoon, SK, Canada

## P046

### [Prosthetic Valve Endocarditis involving \*Peptoniphilus\* and \*Peptostreptococcus\* Species](#)

[Awatif F AlEnazi](#)<sup>1</sup>, Bayan Alamro<sup>2</sup>, Yi Zhen Jia<sup>1</sup>, Alireza Habibi<sup>3</sup>, Victor Leung<sup>2,4,5</sup>, Natasha Press<sup>5,3</sup>

<sup>1</sup>Division of Infectious Disease, Department of Medicine, University of British Columbia, Vancouver, BC, Canada;



<sup>2</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada;

<sup>3</sup>Department of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>4</sup>Division of Medical Microbiology, St. Paul's Hospital, Vancouver, BC, <sup>5</sup>Department of Medicine, Division of Infectious Diseases, St. Paul's Hospital, Vancouver, BC, Canada

## P047

Clonal Expansion of Multidrug-Resistant *Streptococcus pneumoniae* Serotype 9V in Alberta: Genomic Insights into  $\beta$ -Lactam Resistance and Virulence Persistence in the Post-PCV13 Era

Tania Nasreen<sup>1</sup>, Matthew A, Croxen<sup>1,2</sup>, Gregory J. Tyrrell<sup>1,2</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathology, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada; <sup>2</sup>Alberta Precision Laboratories – Public Health Laboratory (ProvLab), Edmonton, AB, Canada

## P048

Utility of cough swabs for pathogen detection in adult cystic fibrosis patients

Geneviève M Amaral<sup>1</sup>, Bradley S, Quon<sup>2,3</sup>, April Tanzler<sup>2</sup>, Michael Payne<sup>1,4</sup>, Marc G Romney<sup>1,4</sup>, Aleksandra Stefanovic<sup>1,4</sup>, Nancy Matic<sup>1,4</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Adult Cystic Fibrosis Program, St. Paul's Hospital, Vancouver, BC, Canada; <sup>3</sup>Division of Respiratory Medicine, Department of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>4</sup>Division of Medical Microbiology and Virology, Department of Pathology and Laboratory Medicine, St. Paul's Hospital, Vancouver, BC, Canada

## P049

D-amino acids contribute to increased antibiotic sheltering by  $\beta$ -lactamase-producing bacteria

Montserrat Mora Ochomogo<sup>1</sup>, Christopher T, Lohans<sup>1</sup>, Kristen A, Mawdsley<sup>1</sup>, Jinny Yu<sup>2</sup>

<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>Queen's University, Kingston, ON, Canada

## P050

Acid-Fast Bacilli recovered from an Ischiorectal Abscess

Matthew Kochan<sup>1</sup>, Heather J Adam<sup>2</sup>, Markus Stein<sup>2</sup>, Amila Heendeniya<sup>3</sup>, Andrew Walkty<sup>3</sup>

<sup>1</sup>Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Shared Health, Winnipeg, MB, Canada; <sup>3</sup>Section of Infectious Diseases, Department of Internal Medicine, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada

## P051

Neonatal Meningitis caused by *Elizabethkingia anophelis*: a case report

Deema Gashgarey, Hassan Jamal, Ari Bitnun

The Hospital for Sick Children, Toronto, ON, Canada

## P052

Plasmid-mediated resistance profiles differentiate CC5 and CC8 MRSA lineages

Evan Stewart<sup>1</sup>, Caitlin Howard<sup>1</sup>, Idowu B Olawoye<sup>1</sup>, George R Golding<sup>2</sup>, Allison McGeer<sup>3</sup>, Jennifer L Guthrie<sup>1,4</sup>

<sup>1</sup>Western University, London, ON, Canada; <sup>2</sup>National Microbiology Laboratory, Public Health Agency of Canada,



Winnipeg, MB, Canada; <sup>3</sup>Sinai Health System, Toronto, ON, Canada; <sup>4</sup>Public Health Ontario, Toronto, ON, Canada

## P053

[Genomic characterization of MRSA using an optimized recovery workflow](#)

[Halle Mohammed](#)<sup>1</sup>, Evan Stewart<sup>1</sup>, Daniel Hermiz<sup>1</sup>, Idowu Olawoye<sup>1</sup>, Jennifer L Guthrie<sup>1,2</sup>

<sup>1</sup>Western University, London, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada

## P054

[Genome analysis of Carbapenemase-Negative, extensively drug-resistant \*Klebsiella pneumoniae\* clinical isolates](#)

[Zareen Fatima](#)<sup>1,2</sup>, Marissa Ledger<sup>1,3</sup>, Clayton Hall<sup>1,3</sup>, Anamaria Zbucea<sup>3</sup>, Candy Rutherford<sup>3</sup>, Daniela Leto<sup>1,3</sup>, Padman Jayaratne<sup>1,3</sup>, Marek Smieja<sup>1,2,3</sup>, Mohammad Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute at St. Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P055

[Preclinical Evaluation of HtrA for the Treatment of \*Clostridioides difficile\* Infection](#)

[Victoria Mallett](#), Kyla Tozer, Shu-Mei He, Hannah Wood, Rita Nakhle, Jad Tirani, Alan Lomax, David Reed, Prameet M Sheth

Queen's University, Kingston, ON, Canada

## P056

[Typing the threat - uncovering the deadly emergence of Carbapenemase-producing Enterobacterales in blood stream infections at a tertiary care hospital in Jamaica](#)

[Camille-Ann Thoms Rodriguez](#)<sup>1,2,3</sup>, Niel McKnight<sup>1</sup>, Jenene Cameron<sup>1</sup>, Karen Roye-Green<sup>1</sup>, Golnoush Akhtari<sup>2</sup>, Felecia Dawson<sup>1</sup>, Jack Boule<sup>2</sup>, Karan Desai<sup>2</sup>, Tony Mazzulli<sup>2,3</sup>, Susan M Poutanen<sup>2,3,4</sup>

<sup>1</sup>The University of the West Indies, Mona, Kingston, Jamaica, <sup>2</sup>University Health Network & Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Department of Laboratory Medicine and Pathobiology, Toronto, ON, Canada; <sup>4</sup>University of Toronto, Department of Medicine, Toronto, ON, Canada

## P057

[A rare case of \*Ignatzschineria spp.\* bacteremia associated with a myiatic wound: Case report and literature review](#)

[Noor N BuMurah](#)<sup>1,2</sup>, Sameer Elsayed<sup>1,3,4</sup>

<sup>1</sup>Department of Medicine, Western University, London, ON, Canada; <sup>2</sup>Department of Medicine, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia, <sup>3</sup>Department of Pathology & Laboratory Medicine, Western University, London, ON, Canada; <sup>4</sup>Department of Epidemiology & Biostatistics, Western University, London, ON, Canada

## P058

[Genomic investigation of a hydrogen sulfide-producing \*E. coli\* phenotypically mimicking \*Salmonella\*](#)

Emily Hum<sup>1</sup>, [Isabelle Bernaquez](#)<sup>2,3</sup>, Matthew Walker<sup>4</sup>, Philippe Jutras<sup>5</sup>, Sadjia Bekal<sup>2</sup>

<sup>1</sup>Département de médecine, Faculté de médecine, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Laboratoire de santé publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada; <sup>3</sup>Département de microbiologie, infectiologie et immunologie, Faculté de médecine, Université de Montréal, Montreal, QC, Canada; <sup>4</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>5</sup>Hôpital régional de Rimouski, Rimouski, QC, Canada



**P059**

**WITHDRAWN**

**P060**

**WITHDRAWN**

**P061**

**WITHDRAWN**

**P062**

**WITHDRAWN**

**P063**

**WITHDRAWN**

**P064**

[Using video directly observed therapy to overcome adherence barriers in leprosy](#)

Tayyib A Khan<sup>1</sup>, [Dale R Kalina Samji](#)<sup>2,3</sup>, Melissa Richard-Greenblatt<sup>4,5</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Department of Laboratory Medicine, Brant Community Healthcare System, Brantford, ON, Canada; <sup>3</sup>Division of Infectious Diseases, McMaster University, Hamilton, ON, Canada; <sup>4</sup>Department of Pediatric Laboratory Medicine, The Hospital for Sick Children, Toronto, ON, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada

**P065**

**WITHDRAWN**

**P066**

[Validation of a laboratory-developed MRSA NAAT using the Roche cobas® 6800 Omni Utility Channel](#)

[Lauren Zoppa](#)<sup>1</sup>, Rachel Donkersteeg<sup>2</sup>, Marc Desjardins<sup>1,3,4,5</sup>

<sup>1</sup>Eastern Ontario Regional Laboratory Association, Ottawa, ON, Canada; <sup>2</sup>Ottawa Hospital Research Institute, Ottawa, ON, Canada; <sup>3</sup>The Ottawa Hospital, Division of Microbiology, Ottawa, ON, Canada; <sup>4</sup>Children's Hospital of Eastern Ontario, Division of Microbiology, Ottawa, ON, Canada; <sup>5</sup>University of Ottawa, Department of Pathology & Laboratory Medicine, Ottawa, ON, Canada

**P067**

[Clinical impact of the cefazolin inoculum effect in serious methicillin-susceptible \*Staphylococcus aureus\* infections: a multi-center retrospective cohort study](#)

[Mitchell A Jeffs](#)<sup>1</sup>, Nicole Li<sup>1</sup>, Oluwalade Ogunkoya<sup>1</sup>, Brody Duncan<sup>2</sup>, Carson KL Lo<sup>2</sup>, Clayton W Hall<sup>2</sup>, Ameera Nemer<sup>2</sup>, Elaf Alzarnougi<sup>2</sup>, Calvin Ka-Fung Lo<sup>3</sup>, Emma Monti<sup>1</sup>, Thuwiba Al Baluki<sup>1</sup>, Zong Heng Shi<sup>4</sup>, Xena X Li<sup>5</sup>, Prameet M Sheth<sup>1</sup>, Christopher T Lohans<sup>1</sup>, Anthony D Bai<sup>1</sup>

<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>McMaster University, Hamilton, ON, Canada; <sup>3</sup>University of British Columbia,



# Poster Viewing and Presentations

Vancouver, BC, Canada; <sup>4</sup>North York General Hospital, Toronto, ON, Canada; <sup>5</sup>Sunnybrook Health Sciences Center, Toronto, ON, Canada

## P068

[Expansion of single nucleotide polymorphism targets for lineages of the \*Mycobacterium tuberculosis\* complex](#)

[Md Rashedul Islam](#)<sup>1</sup>, Genevieve Labbe<sup>2</sup>, Patrick Bastedo<sup>3</sup>, James Robertson<sup>2</sup>, Benjamin Delisle<sup>4</sup>, Catherine Yoshida<sup>1</sup>, Meenu Sharma<sup>1</sup>, Hafid Soualhine<sup>1</sup>

<sup>1</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>2</sup>National Microbiology Laboratory, Public Health Agency of Canada, Guelph, ON, Canada; <sup>3</sup>National Microbiology Laboratory, Public Health Agency of Canada, Toronto, ON, Canada; <sup>4</sup>Laboratoire de Santé Publique du Québec, Institut Nationale de Santé Publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada

## P069

[Effective antibiotic therapy for syphilis infection: an updated systematic review and meta-analysis](#)

[Laura K Erdman](#), Anna Cvetkovic, Rochelle Johnstone, Jessica J Bartoszko, Suzanne Turner, Dominik Mertz  
McMaster University, Hamilton, ON, Canada

## P070

[Clinical and epidemiological characteristics of Influenza A \(H3N2\) Subclade K Cases in a large Canadian city](#)

[Kelly Waters](#)<sup>1</sup>, Amjad Arrabi<sup>1</sup>, Ian Restall<sup>1,2</sup>, Candy Rutherford<sup>3</sup>, Marek Smieja<sup>1,2,3</sup>, Mohammad Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>Research Institute of St. Joe's Hamilton, Hamilton, ON, Canada; <sup>2</sup>McMaster University, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P071

[Drug use evaluation of IV dalbavancin for complex Gram-positive infections in a high-use centre](#)

[Kiarah Shchepanik](#)<sup>1</sup>, Heather Wise<sup>1</sup>, Olivier Bedard-Lapointe<sup>2</sup>, Michael Obeda<sup>2</sup>

<sup>1</sup>Kingston Health Sciences Centre, Kingston, ON, Canada; <sup>2</sup>Queen's University, Kingston, ON, Canada

## P072

[Adding nursing resources to outreach infectious diseases clinics: a quality improvement community partnership initiative](#)

[Caitlin Sampson](#)<sup>1</sup>, J Mariah Hughes<sup>1,2</sup>

<sup>1</sup>Nova Scotia Health, Halifax, NS, Canada; <sup>2</sup>Department of Medicine, Dalhousie University, Halifax, NS, Canada

## P073

[Jeepers C-PIIRS: A case of \*Cryptococcus gattii\* meningitis in Nova Scotia, Canada](#)

[J Mariah Hughes](#)<sup>1,2</sup>, Glenn Patriquin<sup>1,2</sup>, Elizabeth Simms<sup>1,2</sup>

<sup>1</sup>Nova Scotia Health, Halifax, NS, Canada; <sup>2</sup>Faculty of Medicine, Dalhousie University, Halifax, NS, Canada



## P074 WITHDRAWN

## P075

[In vitro dabigatran exposure does not enhance Cefazolin killing or alter the \*Staphylococcus aureus\* proteome](#)

[Khlood Ali Alsulami](#)<sup>1</sup>, Matthew P cheng<sup>1,2,3</sup>, Todd C, Lee<sup>2,4,5</sup>, Alexander Lawandj<sup>2,3,4,6</sup>

<sup>1</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>2</sup>Division of Infectious Diseases, Department of Medicine, Montreal, QC, Canada; <sup>3</sup>Division of Medical Microbiology, Department of Laboratory and Pathology Medicine, Montreal, QC, Canada; <sup>4</sup>Research Institute, McGill University Health Centre, Montreal, QC, Canada; <sup>5</sup>Clinical Practice Assessment Unit, Department of Medicine, Montreal, QC, Canada; <sup>6</sup>Department of Critical Care Medicine, McGill University Health Centre, Montreal, QC, Canada

## P076

[Late-onset BK virus infection in renal transplant recipients: potential implications for extended virologic surveillance](#)

[Ameera Ahmad Nemer](#)<sup>1</sup>, Ashwaq Menwer Almutairi<sup>2</sup>, Abdulla Ali AlFadhel<sup>2</sup>, Azim Gangji<sup>2</sup>, Christine Ribic<sup>2</sup>, Seychelle Yohanna<sup>2</sup>, Carson Lo<sup>1</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Division of Nephrology, Department of Medicine, McMaster University, Hamilton, ON, Canada

## P077

[A chance infection: the case of a non-resolving surgical site infection](#)

[Joel George](#), Wayne L, Gold

<sup>1</sup>Department of Medicine, University of Toronto, Division of Infectious Diseases, Toronto General Hospital, Toronto, ON, Canada

## P078

[Severe invasive \*Corynebacterium diphtheriae\* infection](#)

Abdulrahman Almodahka<sup>1</sup>, Shazia Masud<sup>1,2</sup>, Emilie Stevens<sup>3</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, Surrey Memorial Hospital, Fraser Health, Surrey, BC, Canada; <sup>3</sup>Department of Infectious Diseases, Royal Columbian Hospital, Fraser Health, New Westminster, BC, Canada

## P079

[Vaccination against herpes zoster to reduce complications: a systematic review](#)

[Sabrina HM Yeung](#)<sup>1</sup>, Robert Benson Weyant<sup>1</sup>, Aditi Agarawal<sup>2</sup>, Seher Ahmed<sup>2</sup>, Henry He<sup>3</sup>, Jessica Bartoszko<sup>4</sup>, Dominik Mertz<sup>1</sup>, Mark Loeb<sup>1</sup>

<sup>1</sup>Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Faculty of Health Sciences, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Department of Family Medicine, McMaster University, Hamilton, ON, Canada; <sup>4</sup>Department of Health Research Methods, Evidence and Impact, McMaster University, Hamilton, ON, Canada



**P080**

**WITHDRAWN**

**P081**

[Immune thrombocytopenic purpura and hyponatremia due to possible syndrome of inappropriate antidiuretic hormone \(SIADH\): possible complications of West Nile virus infection](#)

[Kritika Taparia](#)<sup>1</sup>, Ebraheim SMS Alyammahi<sup>2</sup>, Gousia Dhhar<sup>2</sup>, Carson KL Lo<sup>3</sup>

<sup>1</sup>Michael G. Degroote School of Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada

**P082**

[Treatment challenges in pre-extensively drug-resistant Tuberculosis: A postnatal TB case](#)

[Sureka Pavalagantharajah](#)<sup>1,2</sup>, [Angela Ma](#)<sup>2,3</sup>, [Ray Lam](#)<sup>1,2</sup>, [Melissa Richard-Greenblatt](#)<sup>1,2</sup>, [Ari Bitnun](#)<sup>1,2</sup>, [Jaskiran Otal](#)<sup>1</sup>, [Joanne Vaughan](#)<sup>4</sup>, [Ian Kitai](#)<sup>1,2</sup>, [Gabriel Blank](#)<sup>1</sup>

<sup>1</sup>Hospital for Sick Children, Toronto, ON, Canada; <sup>2</sup>University of Toronto, Toronto, ON, Canada; <sup>3</sup>Public Health Ontario, Toronto, ON, Canada; <sup>4</sup>Kindercare Pediatrics, Toronto, ON, Canada

**P083**

[From urine to valve: A case of infective endocarditis caused by \*Actinostignum sanguinis/schaalii\*](#)

[Anissa Brahami](#)<sup>1</sup>, [Amila Heendeniya](#)<sup>2</sup>, [Christine Turenne](#)<sup>1,3</sup>, [Justin Cloutier](#)<sup>2</sup>, [Sylvain A Lothier](#)<sup>1,2</sup>

<sup>1</sup>Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Department of Internal Medicine, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>3</sup>Clinical Microbiology, Diagnostic Services, Shared Health, Winnipeg, MB, Canada

**P084**

**WITHDRAWN**

**P085**

[Ureaplasma parvum osteomyelitis in a patient with chronic lymphocytic leukemia: a case report](#)

[Lori Israelian](#)<sup>1</sup>, [Lama AlQalayta](#)<sup>1</sup>, [Padman Jayaratne](#)<sup>2</sup>, [Hasan Mohammad](#)<sup>2</sup>, [Daniel Tushinski](#)<sup>3</sup>, [Eva Piessens](#)<sup>1</sup>, [Daniela Leto](#)<sup>1,2</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Department of Surgery, McMaster University, Hamilton, ON, Canada

**P086**

[Enhancing syphilis lineage classification and antimicrobial resistance profiling through genomic surveillance](#)

[George S Long](#)<sup>1</sup>, [Mackenzie Neale](#)<sup>2</sup>, [Vanessa Tran](#)<sup>1</sup>, [Nishant Singh](#)<sup>1</sup>, [Vanessa Allen](#)<sup>1,3,4</sup>, [Muhammad Morshed](#)<sup>5,6</sup>, [Jessica Minion](#)<sup>7,8</sup>, [Paul Van Caesele](#)<sup>9,10</sup>, [Maud Vallé](#)<sup>11</sup>, [Todd F Hatchette](#)<sup>12</sup>, [Samir N Patel](#)<sup>1,3</sup>, [Thomas Braukmann](#)<sup>1,3</sup>, [Raymond SW Tsang](#)<sup>2</sup>, [Venkata R Duvvuri](#)<sup>1,3</sup>

<sup>1</sup>Public Health Ontario, Toronto, ON, Canada; <sup>2</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada; <sup>4</sup>Sinai Health and University Health Network, Toronto, ON, Canada; <sup>5</sup>British Columbia



Center for Disease Control, Vancouver, BC, Canada; <sup>6</sup>University of British Columbia, Vancouver, BC, Canada; <sup>7</sup>Roy Romanow Provincial Laboratory, Regina, SK, Canada; <sup>8</sup>University of Saskatchewan, Regina, SK, Canada; <sup>9</sup>Cadham Provincial Laboratory, Winnipeg, MB, Canada; <sup>10</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>11</sup>Laboratoire de Santé Publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada; <sup>12</sup>Dalhousie University, Halifax, NS, Canada

## P087

[Evaluating SARS-CoV-2 spike and nucleocapsid antibody response in people with HIV: a cohort study](#)

[David Moon](#)<sup>1</sup>, John Gill<sup>1,2,3</sup>, Jamil N Kanji<sup>1,4,5,6</sup>, Jacqueline McMillan<sup>1,7</sup>, Karl Riabowol<sup>8</sup>, Kevin Fonseca<sup>3</sup>, Hong Y Zhou<sup>4</sup>, Hartmut Krentz<sup>2</sup>, Raynell Lang<sup>1,2,7</sup>

<sup>1</sup>Department of Medicine, University of Calgary, Calgary, AB, Canada; <sup>2</sup>Southern Alberta Clinic, Alberta Health Services, Calgary, AB, Canada; <sup>3</sup>Department of Microbiology, Immunology & Infectious Diseases, University of Calgary, Calgary, AB, Canada; <sup>4</sup>Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada; <sup>5</sup>Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada; <sup>6</sup>Section of Applied and Diagnostic Microbiology, Department of Laboratory Medicine & Pathology, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada; <sup>7</sup>Department of Community Health Sciences, University of Calgary, Calgary, AB, Canada; <sup>8</sup>Department of Biochemistry & Molecular Biology, University of Calgary, Calgary, AB, Canada

## P088

[CMV retinitis in a patient with relapsed refractory multiple myeloma treated with bispecific T-cell engager therapy: a case report and review of the literature](#)

[Ali Zhang](#)<sup>1</sup>, [Kritika Taparia](#)<sup>2</sup>, Rhoda D Komolafe<sup>3</sup>, Keanan Nanji<sup>3</sup>, Mohammed A Aljama<sup>4</sup>, Carson KL Lo<sup>5</sup>

<sup>1</sup>Department of Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Michael G DeGroot School of Medicine, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Division of Ophthalmology, Department of Surgery, McMaster University, Hamilton, ON, Canada; <sup>4</sup>Department of Oncology, McMaster University, Hamilton, ON, Canada; <sup>5</sup>Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada

## P089

[Confronting therapeutic limits in advanced HIV: a tough case of Alveolar Echinococcosis and disseminated MAC coinfection in an acutely ill patient](#)

[Jadyn Lennea](#), Amina (Sarah) Henni, Beverly Wudel

University of Saskatchewan, Saskatoon, SK, Canada

## P090

[Challenges in constructing a linezolid-free regimen for multidrug-resistant tuberculosis](#)

[Nicholas D Riopel](#)<sup>1,2</sup>, James C Johnston<sup>1,2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>BC Centre for Disease Control, Vancouver, BC, Canada

## P091

[Direct disk diffusion from positive blood cultures: a multicenter evaluation of 25,000 paired susceptibility tests](#)

[Khlood Ali Alsulami](#)<sup>1</sup>, Maxime Curotte<sup>1</sup>, Robert Wegscheider<sup>1</sup>, Matthew P Cheng<sup>1,2,3</sup>, Todd C Lee<sup>1,2,4</sup>, Alexander Lawandj<sup>1,2,3,5</sup>

<sup>1</sup>Research Institute, McGill University Health Centre, Montreal, Canada; <sup>2</sup>Division of Infectious Diseases, Department of



Medicine, Montreal, QC, Canada; <sup>3</sup>Division of Medical Microbiology, Department of Laboratory and Pathology Medicine, Montreal, QC, Canada; <sup>4</sup>Clinical Practice Assessment Unit, Department of Medicine, Montreal, QC, Canada; <sup>5</sup>Department of Critical Care Medicine, McGill University Health Centre, Montreal, QC, Canada

## P092

[Beyond the lung: Pericarditis in invasive serotype 3 pneumococcal disease](#)

[Nourah Ibrahim Alruqaie](#)<sup>1</sup>, Conall Thomas Morgan<sup>2</sup>, Pierre-Philippe Piché-Renaud<sup>1</sup>

<sup>1</sup>Division of Infectious Diseases, The Hospital for Sick Children, Canada; Toronto, ON, Canada; <sup>2</sup>Division of Cardiology, The Hospital for Sick Children, Canada; Toronto, ON, Canada

## P093

[An unusual case of \*Aerococcus urinae\* culture-negative infective endocarditis](#)

[Julia A Cahill](#)<sup>1,2</sup>, Jay Rabari<sup>1</sup>, Beverly Wudel<sup>1</sup>, Bryan Evans<sup>1</sup>, Stephen Sanche<sup>1</sup>

<sup>1</sup>University of Saskatchewan, Saskatoon, SK, Canada; <sup>2</sup>Cornwall Community Hospital, Cornwall, ON, Canada

## P094

[Native mitral valve Lyme endocarditis – A rare presentation of \*Borrelia burgdorferi\*](#)

[Lana G Tennenhouse](#)<sup>1</sup>, Glenn Patriquin<sup>1,2,3</sup>, Jason J LeBlanc<sup>1,2,3</sup>, Mathieu Castonguay<sup>2</sup>, Ian Davis<sup>1,2,3</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, Dalhousie University, Halifax, NS, Canada; <sup>2</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada; <sup>3</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada

## P095

[Comparing the quality of care received in patients with \*Staphylococcus aureus\* bacteremia at a tertiary care centre over two time periods without a structured quality improvement initiative: a retrospective cohort study](#)

[Paul Greidanus](#)<sup>1</sup>, Mark McAllister<sup>2</sup>, Tanis Dingle<sup>3,4</sup>, Sarah Mansour<sup>5</sup>, Arienne King<sup>5</sup>, Stephanie W Smith<sup>5</sup>, Justin Z Chen<sup>5</sup>

<sup>1</sup>Core Internal Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada; <sup>2</sup>Undergraduate Medical Education, University of Alberta, Edmonton, AB, Canada; <sup>3</sup>Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada; <sup>4</sup>Alberta Precision Laboratory - Public Health Laboratory, AB, Canada; <sup>5</sup>Division of Infectious Diseases, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada

## P096

[A case of congenital TB in twins: diagnostic challenges in an asymptomatic mother](#)

Sureka Pavalagantharajah<sup>1,2</sup>, Usman S, Ahmed<sup>3,4</sup>, Brian Hummel<sup>3,4</sup>, Ranu Malhi<sup>3,4</sup>, [Jeffrey M Pernica](#)<sup>3,4</sup>

<sup>1</sup>The Hospital for Sick Children, Toronto, ON, Canada; <sup>2</sup>University of Toronto, Toronto, ON, Canada; <sup>3</sup>McMaster Children's Hospital, Hamilton, ON, Canada; <sup>4</sup>McMaster University, Hamilton, ON, Canada

## P097

[Streptobacillary endocarditis: recognizing a rare infection with lethal potential](#)

[Isabella Stefanova](#)<sup>1</sup>, Amanda Cheung<sup>2</sup>, Omar Mourad<sup>1</sup>, Craig Ainsworth<sup>1</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>University of Alberta, Edmonton, AB, Canada



**P098**

**WITHDRAWN**

**P099**

**WITHDRAWN**

**P100**

[Real-world effectiveness of nirmatrelvir-ritonavir in reducing severe COVID-19 outcomes using administrative data](#)

[Maria Major](#)<sup>1</sup>, Natalie Nightingale<sup>2</sup>, Debbie Malden<sup>3</sup>, Jen Belcher<sup>4</sup>, Irene Wang<sup>2</sup>, Calum Neish<sup>2</sup>, Laura Puzniak<sup>5</sup>

<sup>1</sup>Pfizer Canada; Montreal, QC, Canada; <sup>2</sup>IQVIA Solution Canada; Mississauga, ON, Canada; <sup>3</sup>Independent Researcher, Kinross, Fife, United Kingdom, <sup>4</sup>Ontario Pharmacist Association, Toronto, ON, Canada; <sup>5</sup>Pfizer Inc., New York, New York, USA

**P101**

[Comparison of SARS-CoV-2 Variant Pathogenicity in a Long-COVID Syrian Hamster Model](#)

[Maya Naghibosadat](#)<sup>1</sup>, Elan Hahn<sup>2</sup>, George Babuadze<sup>3</sup>, Robert Kozak<sup>1,4</sup>

<sup>1</sup>Sunnybrook Research Institute, Sunnybrook Hospital, Toronto, ON, Canada; <sup>2</sup>Mount Sinai Hospital, Toronto, ON, Canada; <sup>3</sup>University of Texas Medical Branch, Galveston, Texas, USA; <sup>4</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada

**P102**

[Association of SARS-CoV-2 Omicron Variant Ct values at admission with hospitalization outcomes](#)

[Yaejin Lee](#)<sup>1,2</sup>, Caroline Kasee<sup>3</sup>, Zoe Zhong<sup>3</sup>, Lubna Farooqi<sup>3</sup>, Mare Pejkovska<sup>3</sup>, Christopher Kandel<sup>4</sup>, Kevin Katz<sup>5,6</sup>, Christie Vermeiren<sup>5</sup>, Samira Mubareka<sup>1,2</sup>, Allison McGeer<sup>1,3</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Sunnybrook Health Sciences Research Institute, Toronto, ON, Canada; <sup>3</sup>Department of Medicine, Sinai Health System, Toronto, ON, Canada; <sup>4</sup>Michael Garron Hospital, Toronto, ON, Canada; <sup>5</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>6</sup>North York General Hospital, Toronto, ON, Canada

**P103**

[Distinct functional antibody responses to coronaviruses following SARS-CoV-2 infections and vaccinations during pregnancy](#)

[Guadalein Tanunliong](#)<sup>1</sup>, Ana Citlali Márquez<sup>1,2</sup>, Yin Chang<sup>2</sup>, Hind Sbihi<sup>3,4</sup>, Aidan Nikiforuk<sup>2,4</sup>, Janice Andrade<sup>5</sup>, Lucia Forward<sup>5</sup>, Mandy Lo<sup>6,7</sup>, Tony Harn<sup>6,7</sup>, Evelyn Maan<sup>5</sup>, Elisabeth McClymont<sup>8</sup>, Chelsea Elwood<sup>8</sup>, Muhammad Morshed<sup>1,2</sup>, Mel Krajden<sup>1,2</sup>, Agatha Jassem<sup>1,2</sup>, Deborah Money<sup>5,8</sup>, Manish Sadarangani<sup>6,7</sup>, Inna Sekirov<sup>1,2</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Public Health Laboratory, British Columbia Centre for Disease Control, Vancouver, BC, Canada; <sup>3</sup>Epidemiology and Intelligence Services, British Columbia Centre for Disease Control, Vancouver, BC, Canada; <sup>4</sup>School of Population and Public Health, University of British Columbia, Vancouver, BC, Canada; <sup>5</sup>Women's Health Research Institute, Vancouver, BC, Canada; <sup>6</sup>Department of Pediatrics, University of British Columbia, Vancouver, BC, Canada; <sup>7</sup>Vaccine Evaluation Center, British Columbia Children's Hospital Research Institute, Vancouver, BC, Canada; <sup>8</sup>Department of Obstetrics and Gynecology, University of British Columbia, Vancouver, BC, Canada



## P104

Discrepancies between susceptibility testing methods for ceftazidime-avibactam plus aztreonam in NDM-producing *Enterobacterales*

Diana Whellams<sup>1,2</sup>, Conor Broderick<sup>2</sup>

<sup>1</sup>Fraser Health, Surrey, British Columbia, Canada; <sup>2</sup>University of British Columbia, Vancouver, British Columbia, Canada

## P105

A carbapenemase-producing *Enterobacterales* antibiogram

Diana Whellams<sup>1,2</sup>, Conor Broderick<sup>2</sup>, Kevin Afra<sup>1,2</sup>

<sup>1</sup>Fraser Health, Surrey, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada

## P106

Genomic analysis of the Alberta 2025 measles virus outbreak

Tarah Lynch<sup>1</sup>, Samar Ashfaq<sup>2</sup>, Stephanie Vandriel<sup>2</sup>, Kanti Pabbaraju<sup>1</sup>, Anita A Wong<sup>1</sup>, Kara Gill<sup>1</sup>, Kevin Fonseca<sup>1</sup>, Matthew Croxen<sup>3</sup>, Vanessa Zubach<sup>2</sup>, Joanne Hiebert<sup>2</sup>, Graham Tipples<sup>3</sup>

<sup>1</sup>Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>National Microbiology Laboratory, Winnipeg, MB, Canada;

<sup>3</sup>Alberta Precision Laboratories, Edmonton, AB, Canada

## P107

WITHDRAWN

## P108

PCV21 (V116) vaccine coverage of invasive and respiratory *Streptococcus pneumoniae* in Canada: CANWARD study

Heather J Adam<sup>1,2</sup>, James A Karlowsky<sup>1,2</sup>, Melanie R Baxter<sup>1</sup>, John Schellenberg<sup>1</sup>, Alyssa R Golden<sup>3</sup>, Irene Martin<sup>3</sup>, George G Zhanel<sup>1</sup>

<sup>1</sup>Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Clinical Microbiology, Shared Health, Winnipeg, MB, Canada; <sup>3</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada

## P109

WITHDRAWN

## P110

Anaerobic media for wound cultures and tissue cultures in the MALDI-TOF MS era: Is one plate enough?

Heather J Adam<sup>1,2</sup>, Bryan Morrow<sup>1</sup>, Philippe Lagacé-Wiens<sup>1,2</sup>, Peter Pieroni<sup>1</sup>, Christine Turenne<sup>1,2</sup>, Markus Stein<sup>1,2</sup>, Andrew Walkty<sup>1,2</sup>, James A Karlowsky<sup>1,2</sup>

<sup>1</sup>Clinical Microbiology, Shared Health, Winnipeg, MB, Canada; <sup>2</sup>Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada



## P111

Validation of whole-genome sequencing for typing *Serratia sp.* strains: comparison with PFGE and proposal of a “Tenover-type” genomic correlation threshold

Florence Doualla-Bell, Dihya Baloul, Lila Naouelle Salhi, Marie-Noëlle Héon, Émilie Bélanger-Trudelle, Sadjia Bekal  
Institut national de santé publique du Québec, Laboratoire de santé publique du Québec, Ste-Anne-de-Bellevue, QC, Canada

## P112

Performance evaluation of the Biofire SPOTFIRE respiratory and sore throat panel

Kerstin Locher<sup>1,2</sup>, Miriam B Torchinsky<sup>1,2</sup>, Corrie Belanger<sup>1,2</sup>, Marthe K Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada

## P113

Evaluating heat, lysis, and bead-beating to improve detection of *Cyclospora cayetanensis* on the Seegene Allplex® GI-Parasite Panel

Mihaela A, Serbanescu<sup>1</sup>, Cenarit Mazoukh<sup>1,2</sup>, Lee W, Goneau<sup>1,2</sup>

<sup>1</sup>Dynacare Laboratory, Brampton, ON, Canada; <sup>2</sup>University of Toronto, Toronto, ON, Canada

## P114

PRECISE-LEAP - A Collaborative Network of Clinical Laboratories Partnering with Canadian Industry and Public Health Partners

Rob Kozak<sup>1</sup>, Jennie Johnstone<sup>2</sup>, Anne-Claude Gingras<sup>3</sup>, Nadege Pelte<sup>2</sup>, Varun Anipindi<sup>3</sup>, Susan M Poutanen<sup>2,4,5</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Sinai Health, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Toronto, ON, Canada; <sup>4</sup>University Health Network, Toronto, ON, Canada; <sup>5</sup>University of Toronto, Toronto, ON, Canada

## P115

A decade of respiratory syncytial virus (RSV) surveillance in Canada: Trends, age-stratified insights, and gaps in reporting

Sazini Nzula<sup>1</sup>, Abdullah Al Mamun<sup>1</sup>, Kamran Bahadorani<sup>1</sup>, Giuliano Bayer<sup>1</sup>, Maria Syrochkina<sup>2</sup>, Deepa Maholtra<sup>3</sup>, Ana Gabriela Grajales<sup>1</sup>

<sup>1</sup>Pfizer Canada ULC, Kirkland, Quebec, Canada; <sup>2</sup>Pfizer Inc., Herzliya Pituach, Israel, <sup>3</sup>Pfizer Inc., New York, NY, USA

## P116

Verification- and validation data of the AltoStar® HDV RT-PCR Kit 1,5 (CE-IVD marked) for monitoring HDV RNA viral load in plasma and serum samples

Karin Rottengatter<sup>1</sup>, Angeles Jimenez<sup>1</sup>, Chris Kern<sup>2</sup>

<sup>1</sup>altona Diagnostics GmbH, Hamburg, Germany, <sup>2</sup>altona Diagnostics Canada, ON, Canada



## P117

Reliable HDV RNA quantification of the AltoStar® HDV RT PCR Kit based on EQA programme data from two different suppliers,

Karin Rottengatter<sup>1</sup>, Angeles Jimenez<sup>1</sup>, Silke Retzlaff<sup>1</sup>, Chris Kern<sup>2</sup>

<sup>1</sup>altona Diagnostics GmbH, Hamburg, Germany, <sup>2</sup>altona Diagnostics Canada, ON, Canada

## P118

WITHDRAWN

## P119

A mouse in the lab: speeding up blood culture identification with Alifax

Rachel Donkersteeg<sup>1</sup>, Mojgan Mateen<sup>1</sup>, Yang Yu<sup>2,3,4</sup>, Jessica D Forbes<sup>1,2,5</sup>, Marc Desjardins<sup>1,2,5</sup>

<sup>1</sup>The Ottawa Hospital Research Institute, Ottawa, ON, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of Ottawa, Ottawa, ON, Canada; <sup>3</sup>Division of Microbiology, Children's Hospital of Eastern Ontario, Ottawa, ON, Canada; <sup>4</sup>Division of Microbiology, Eastern Ontario Regional Laboratory Association, Ottawa, ON, Canada; <sup>5</sup>Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada

## P120

Implementation of BioFire Blood Culture Identification Panel (BCID) 2.0 in a rural lab setting to replace gram stain

Camille Hamula<sup>1</sup>, Josephine Rybchuk<sup>1</sup>, Craig Soutar<sup>2</sup>, Ninad Mehta<sup>1</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of Saskatchewan Royal University Hospital, Saskatoon, SK, Canada; <sup>2</sup>Clinical Microbiology, Roy Romanow Provincial Laboratory, Regina, SK, Canada

## P121

Comparison of the VITEK REVEAL with BD Phoenix for rapid susceptibility testing of gram-negative blood cultures

Jennifer Tat, Heather Glassman, Colleen Fletcher, Sherrol Feng, Annabelle Zhang, Purvi Parekh, Vincent Tang, Marthe Charles

Vancouver Coastal Health, Vancouver, BC, Canada

## P122

High throughput *Anaplasma phagocytophilum* PCR testing in sera with the Cobas 6800

Jason J LeBlanc<sup>1,2</sup>, Darren Sarty<sup>1</sup>, Colleen Jackson<sup>1</sup>, James MacDonald<sup>1</sup>, Charles Heinstein<sup>1</sup>, Todd F Hatchette<sup>1,2</sup>

<sup>1</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>2</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada

## P123

A cost-sparing extraction-free PCR for *Anaplasma phagocytophilum*

Gregory R McCracken<sup>1</sup>, Jason J LeBlanc<sup>1,2</sup>

<sup>1</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>2</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada



**P124**

**WITHDRAWN**

**P125**

[An integrated microfluidic system for rapid and easily accessible sequencing of the intensive care unit microbiome](#)

Tae-Hyeong Kim<sup>1</sup>, [Kerim Kits](#)<sup>2</sup>, Michael Dryden<sup>1</sup>, Daniel Brassard<sup>1</sup>, Lucas Poncelet<sup>1</sup>, Christina Nassif<sup>1</sup>, Caroline Miville-Godin<sup>1</sup>, Kayla Soon<sup>1</sup>, Jimin Guo<sup>1</sup>, Teodor Veres<sup>1</sup>, John Marshall<sup>2,3</sup>, Ramzi Fattouh<sup>2,3</sup>

<sup>1</sup>National Research Council, Boucherville, QC, Canada; <sup>2</sup>Li Ka Shing Knowledge Institute, St. Michael's Hospital, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada

**P126**

[Feasibility of self-collected vaginal-rectal specimens using a LIM swab device in manual and automated group B \*Streptococcus\* culture workflows](#)

[Leah A Brown](#), Alexandra Parks, Lee W Goneau

Dynacare Laboratories, Brampton, ON, Canada

**P127**

[What came through our doors? Genomic epidemiology of non-influenza respiratory viruses from a two-year surveillance study at a tertiary care academic hospital](#)

[Kayla Gaete](#)<sup>1</sup>, Maedeh Naghibosadat<sup>1</sup>, Patryk Aftanas<sup>2</sup>, Finlay Maguire<sup>1,2,3</sup>, Henry Wong<sup>4,5</sup>, Calvin Sjaarda<sup>4,5</sup>, Kyla Tozer<sup>1,4</sup>, Xena Li<sup>2</sup>, Prameet M Sheth<sup>4,5</sup>, Robert Kozak<sup>1,2</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>Dalhousie University, Halifax, NS, Canada; <sup>4</sup>Queen's University, Kingston, ON, Canada; <sup>5</sup>Kingston Health Sciences Center, Kingston, ON, Canada

**P128**

[Analytical sensitivity evaluations of reverse-transcriptase, real-time PCR assays for the molecular detection of the Hemagglutinin gene of influenza H5Nx viruses](#)

[Taeyo Chestley](#)<sup>1</sup>, Charlene Ranadheera<sup>1</sup>, Andrea Pickering<sup>1</sup>, Morgan Johnson<sup>1</sup>, Yohannes Berhane<sup>2,3,4,5</sup>, Nathalie Bastien<sup>1</sup>

<sup>1</sup>Influenza, Respiratory Viruses, and Coronaviruses, National Microbiology Laboratory Branch, Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>2</sup>National Centre for Foreign Animal Disease, Canadian Food Inspection Agency, Winnipeg, MB, Canada; <sup>3</sup>Department of Veterinary Pathology, Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon, SK, Canada; <sup>4</sup>Department of Animal Science, University of Manitoba, Winnipeg, MB, Canada; <sup>5</sup>Department of Pathobiology, University of Guelph, Guelph, ON, Canada

**P129**

[Pick less, identify more: how many colonies do you \*really\* need for the BD Kiestra™ IdentifA](#)

Minlu Zhang<sup>1</sup>, Rachel Donkersteeg<sup>2</sup>, [Noha Abouseada](#)<sup>1</sup>, Jessica D Forbes<sup>2,3,4</sup>

<sup>1</sup>Eastern Ontario Regional Laboratory Association, Ottawa, ON, Canada; <sup>2</sup>The Ottawa Hospital Research Institute, Ottawa, ON, Canada; <sup>3</sup>Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada; <sup>4</sup>Department of Pathology and Laboratory Medicine, University of Ottawa, Ottawa, ON, Canada



## P130

Evaluation of the performance of the Colibrí™ instrument for automated identification and antimicrobial susceptibility testing

Jasmine Ahmed Bentley<sup>1,2</sup>, Kim Sy<sup>2</sup>, Joyce Wong<sup>2</sup>, Colleen Fletcher<sup>2</sup>, Charlene Porter<sup>2</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Vancouver Coastal Health, Vancouver, BC, Canada

## P131

WITHDRAWN

## P132

WITHDRAWN

## P133

Validation of the new Chromogenic Agar Colorex Strep ACG on total laboratory automation

Jasmine Ahmed Bentley<sup>1,2</sup>, Kim Sy<sup>1</sup>, Claudine Desruisseaux<sup>1,2</sup>, Joyce Wong<sup>1</sup>, Charlene Porter<sup>1</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada

## P134

Validation of a four-day incubation for the BacTAlert Virtuo® (BioMerieux) Blood Culture (BC) System

D. Brody Duncan<sup>1,2</sup>, Farzan Pavri<sup>2</sup>, Mark Gaskin<sup>1</sup>, Deborah Johnson<sup>1</sup>, Deborah Lynn Yamamura<sup>1,2</sup>

<sup>1</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada; <sup>2</sup>McMaster University, Hamilton, ON, Canada

## P135

Validation of the surveillance bench (CPO, MRSA, VRE) for the Total Laboratory Automation, WAPLab®

Jasmine Ahmed Bentley<sup>1,2</sup>, Kim Sy<sup>1</sup>, Joyce Wong<sup>1</sup>, Charlene Porter<sup>1</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada

## P136

Detection of Iron Hematoxylin-Stained Intestinal Protozoa based on a Convolutional Neural Network: a retrospective and prospective study against conventional stool microscopy from three Canadian laboratories

Kenning Tran<sup>1</sup>, LingHui David Su<sup>1</sup>, Sakuntla Sharma<sup>1</sup>, Lydia Olaer<sup>1</sup>, Martin Cheung<sup>1</sup>, John Walker<sup>2</sup>, Chris Duhaime<sup>2</sup>, Karine Thivierge<sup>3</sup>, Derek Stein<sup>4</sup>, Catherine A Hogan<sup>1,5</sup>

<sup>1</sup>BCCDC, Vancouver, BC, Canada; <sup>2</sup>Techcyte, Salt Lake City, Utah, USA; <sup>3</sup>INSPQ, Sainte-Anne-de-Bellevue, QC, Canada;

<sup>4</sup>Cadham Provincial Laboratory, Winnipeg, MB, Canada; <sup>5</sup>University of British Columbia, Vancouver, BC, Canada

## P137

Clinical utility of anaerobic blood cultures in pediatric Hematology/Oncology patients

Saina Beitari<sup>1</sup>, Cristina Costales<sup>1,2</sup>, Leil C Posch<sup>2,3</sup>, Etan Orgel<sup>2,4</sup>, Jennifer Dien Bard<sup>1,2</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, Children's Hospital Los Angeles, Los Angeles, California, USA;

<sup>2</sup>Keck School of Medicine, University of Southern California, Los Angeles, California, USA; <sup>3</sup>Department of Pediatrics,



Division of Infectious Diseases, Children's Hospital Los Angeles, Los Angeles, California, USA; <sup>4</sup>Department of Pediatrics, Division of Hematology-Oncology, Children's Hospital Los Angeles, Los Angeles, California, USA

## P138

[Evaluation of the Bruker IR Biotyper for \*Streptococcus pyogenes\* emm typing](#)

[Teslin S Sandstrom](#)<sup>1</sup>, Joeseeph J Zeppa<sup>1</sup>, Aaron Campigotto<sup>2</sup>, Manal Tadros<sup>2</sup>

<sup>1</sup>University of Toronto, Toronto, ON, Canada; <sup>2</sup>The Hospital for Sick Children, Toronto, ON, Canada

## P139

[A ten-year microbiological overview of intraoperative joint cultures from five Canadian tertiary care hospitals](#)

[James E Burns](#)<sup>1</sup>, Ceri Richards<sup>2</sup>, Susan M Poutanen<sup>1,3</sup>, Yan Chen<sup>1,4</sup>

<sup>1</sup>University of Toronto, Toronto, ON, Canada; <sup>2</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>3</sup>Mount Sinai Hospital, Toronto, ON, Canada; <sup>4</sup>St. Michael's Hospital, Toronto, ON, Canada

## P140

[Overcoming the Limitations of Latex Agglutination: Evaluation of a Lateral Flow Assay for Cryptococcal Antigen Detection](#)

[Arielle Forbes](#)<sup>1</sup>, Rainy Lu<sup>2</sup>, Jenny Vereecken<sup>1</sup>, Johan Delport<sup>1</sup>, Sameer Elsayed<sup>1</sup>, Ana Cabrera<sup>1</sup>, Jeff Fuller<sup>1</sup>, Fatima AlMutawa<sup>1</sup>, Ruchika Bagga<sup>1</sup>

<sup>1</sup>London Health Sciences Centre, London, ON, Canada; <sup>2</sup>Western University, London, ON, Canada

## P141

WITHDRAWN

## P142

[Trends in HIV Specimen-Level Positivity and Person-Level Seroprevalence in Alberta, 2018–2024](#)

[N Joëlle Kasongo](#)<sup>1,2</sup>, William Stokes<sup>1,3,4</sup>, Sabrina Plitt<sup>5</sup>, Carmen Charlton<sup>1,2,4,6,7</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathology, Edmonton, AB, Canada; <sup>2</sup>Li Ka Shing Institute of Virology, Edmonton, AB, Canada; <sup>3</sup>Division of Infectious Diseases, Department of Medicine, Edmonton, AB, Canada; <sup>4</sup>Alberta Precision Laboratories, Edmonton, AB, Canada; <sup>5</sup>School of Public Health, University of Alberta, Edmonton, AB, Canada; <sup>6</sup>Women and Children's Health Research Institute (WCHRI), University of Alberta, Edmonton, AB, Canada; <sup>7</sup>Microbiology, Donor Policy and Studies, Canadian Blood Services, Edmonton, AB, Canada

## P143

[PCR HIV-1 viral load assays to guide prevention of maternal-fetal transmission](#)

[Ninad Mehta](#)<sup>1</sup>, Josephine Rybchuk<sup>1</sup>, Amanda Lang<sup>1,2</sup>, Rupesh Chawla<sup>1</sup>, Stephen Sanche<sup>1</sup>, Claire Carson<sup>1</sup>, Camille Hamula<sup>1</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of Saskatchewan College of Medicine, Royal University Hospital, Saskatoon, SK, Canada; <sup>2</sup>Roy Romanow Provincial Laboratory, Saskatchewan Health Authority, Regina, SK, Canada



## P144

Two-year post-pandemic increase in *Mycoplasma pneumoniae* in Alberta (2021–2025)

Ima Anugom<sup>1,2</sup>, Matthew Diggle<sup>1,2</sup>

<sup>1</sup>Alberta Precision Laboratories (APL) – Provincial Public Health Laboratory (ProvLab), Edmonton, AB, Canada;

<sup>2</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada

## P145

Investigation of the test performance of a commercial molecular assay for detection of *Entamoeba histolytica* in a low prevalence setting: A single-center retrospective study,

Daniel Yu<sup>1</sup>, Aleksandra Stefanovic<sup>2,3,4</sup>, Nancy Matic<sup>2,3,4</sup>, Patrick Tang<sup>2,3,4</sup>, LingHui D Su<sup>5</sup>, Audrina Lee<sup>5</sup>, Martin Cheung<sup>5</sup>, Christopher Lowe<sup>2,3,4</sup>, Marc G Romney<sup>2,3,4</sup>, Michael Payne<sup>2,3,4</sup>, Catherine A Hogan<sup>2,3,5</sup>

<sup>1</sup>Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>4</sup>Division of Medical Microbiology and Virology, St. Paul's Hospital, Providence Health Care, Vancouver, BC, Canada; <sup>5</sup>Public Health Laboratory, BC Centre for Disease Control, Vancouver, BC, Canada

## P146

Leveraging low-cost Bluetooth trackers to optimize specimen logistics for transplant patients: a pilot across two western Canadian health authorities

Geneviève M Amaral<sup>1</sup>, Patrick Tang<sup>1,2</sup>, Nancy Matic<sup>1,2</sup>, Victor T,H, Yuen<sup>1,3</sup>, Katherine Grasa<sup>3</sup>, Elisha Kaufmann<sup>3</sup>, Tanya Lawson<sup>2</sup>, Matthew Young<sup>2</sup>, Michael Payne<sup>1,2</sup>, Marc G Romney<sup>1,2</sup>, Aleksandra Stefanovic<sup>1,2</sup>, Andrei Musaji<sup>1,3</sup>, Christopher F Lowe<sup>1,2</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Division of Medical Microbiology and Virology, Department of Pathology and Laboratory Medicine, St. Paul's Hospital, Vancouver, BC, Canada; <sup>3</sup>Division of Medical Microbiology, Department of Pathology and Laboratory Medicine, Royal Jubilee Hospital and Victoria General Hospital, Victoria, BC, Canada

## P147

WITHDRAWN

## P148

Species-Level misidentification of *Serratia* by VITEK® MS in NICU outbreak investigations

Jack Boulé<sup>1,2,3</sup>, Karan Desai<sup>1,2,3</sup>, Mohamad Ali<sup>1</sup>, Tony Mazzulli<sup>1,2,4</sup>, Susan M Poutanen<sup>1,2,4</sup>

<sup>1</sup>University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Sinai Health, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada



## P149

Validation of Laboratory-Developed Extraction Protocols [FLEX(+) and FLEX(-)] as Rapid, Scalable Alternatives to Commercial Extraction Methods for Oxford Nanopore Technologies (ONT) R10 Long-Read and Hybrid Bacterial Sequencing

Jack Boulé<sup>1,2,3</sup>, Karan Desai<sup>1,2,3</sup>, Robert Rebelo<sup>1</sup>, Golnoush Akhtari<sup>1</sup>, Tony Mazzulli<sup>1,2,4</sup>, Susan M Poutanen<sup>1,2,4</sup>

<sup>1</sup>University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Sinai Health, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P150

WITHDRAWN

## P151

SeqIR: Whole Genomic Sequencing using the Illumina and Nanopore Platforms compared with Fourier IR Mass Spectroscopy as a Replacement for Pulsed Field Gel Electrophoresis in the Clinical Microbiology Laboratory

Karan Desai<sup>1,2,3</sup>, Jack Boulé<sup>1,2,3</sup>, Golnoush Akhtari<sup>1</sup>, Robert Rebelo<sup>1</sup>, Yesha Patel<sup>1</sup>, Tony Mazzulli<sup>1,2,4</sup>, Susan M Poutanen<sup>1,2,4</sup>

<sup>1</sup>University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Sinai Health, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P152

Long-read nanopore sequencing of *Treponema pallidum* from clinical specimens

Adam Hedley<sup>1</sup>, Ayo Bolaji<sup>2</sup>, David Alexander<sup>1,3</sup>, Kerry Dust<sup>1</sup>, Paul Van Caesele<sup>1,3</sup>, Lyle McKinnon<sup>3</sup>, Souradet Shaw<sup>3</sup>, Jared Bullard<sup>1,3</sup>, Derek Stein<sup>1,3</sup>

<sup>1</sup>Cadham Provincial Laboratory, Winnipeg, MB, Canada; <sup>2</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>3</sup>University of Manitoba, Winnipeg, MB, Canada

## P153

Preparing for the Next Threat: PRECISE-LEAP Guidelines for Validation of Diagnostics for Emerging Infectious Diseases

Jay Wieler<sup>1,2</sup>, Nadège Pelte<sup>1</sup>, Kevin Barker<sup>3</sup>, Danielle Brabant-Kirwan<sup>4</sup>, Ana Cabrera<sup>5</sup>, Aaron Campigotto<sup>6</sup>, Marc Desjardins<sup>7</sup>, Ramzi Fattouh<sup>8</sup>, Robert Kozak<sup>9</sup>, Clayton MacDonald<sup>3</sup>, Larissa Matukas<sup>10</sup>, Susan M Poutanen<sup>1,11,12</sup>

<sup>1</sup>Department of Microbiology, University Health Network & Sinai Health, Toronto, ON, Canada; <sup>2</sup>Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>3</sup>Trillium Health Partners, Mississauga, ON, Canada; <sup>4</sup>Health Sciences North, Sudbury, ON, Canada; <sup>5</sup>London Health Sciences Centre, London, ON, Canada; <sup>6</sup>Hospital for Sick Children, Toronto, ON, Canada; <sup>7</sup>Eastern Ontario Regional Laboratory Association, Ottawa, ON, <sup>8</sup>Unity Health, Toronto, ON, Canada; <sup>9</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>10</sup>University of Toronto, Toronto, ON, Canada; <sup>11</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>12</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P154

Prospective evaluation of the performance of NAATs on self-collected samples for the management of abnormal vaginal discharge

Ariane Brochu-Turgeon<sup>1</sup>, Stéphanie Beauchemin<sup>2</sup>, Chantal Rivard<sup>3,4</sup>, Vincent Boissonneault<sup>2,5,6</sup>, Chloé Labelle<sup>7,8</sup>, Mariam



Ag Bazet<sup>1</sup>, Nad-Rath Chanou<sup>1</sup>, Élizabéth Guilbault<sup>1</sup>, Annie-Claude Labbé<sup>2,5,9</sup>

<sup>1</sup>Faculty of Medicine, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Clinical Department of Laboratory Medicine, Centre Hospitalier de l'Université de Montréal, Montreal, QC, Canada; <sup>3</sup>Department of Obstetrics and Gynecology, Université de Montréal, Montreal, QC, Canada; <sup>4</sup>Department of Obstetrics and Gynecology, Hôpital Maisonneuve-Rosemont, CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada; <sup>5</sup>Department of Microbiology, Infectious Diseases and Immunology, Université de Montréal, Montreal, QC, Canada; <sup>6</sup>Division of Infectious Diseases, Hôpital Sacré-Coeur de Montréal, CIUSSS du Nord-de-l'Île-de-Montréal, Montreal, QC, Canada; <sup>7</sup>GMF-U de l'Hôpital Maisonneuve-Rosemont, Department of Family Medicine, CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada; <sup>8</sup>Department of Family Medicine and Emergency Medicine, Université de Montréal, Montreal, QC, Canada; <sup>9</sup>Division of Infectious Diseases, Hôpital Maisonneuve-Rosemont, CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada

## P155

[What are we missing? Comparing culture-based to molecular diagnostic assays for enteric pathogen detection,](#)

[Vivian Johanson-Bennet<sup>1</sup>, Kyla Tozer<sup>1</sup>, Shu-Mei He<sup>1</sup>, Jad Tirani<sup>1</sup>, Calvin Sjaarda<sup>1,2</sup>, Ellen G Avery<sup>1,2</sup>, Robert Kozak<sup>3,4</sup>, Henry Wong<sup>1,2</sup>, Prameet M Sheth<sup>1,2</sup>](#)

<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>Division of Microbiology, Kingston Health Sciences Center, Kingston, ON, Canada; <sup>3</sup>Sunnybrook Health Sciences Centre, Biological Sciences Platform, Toronto, ON, Canada; <sup>4</sup>Shared Hospital Laboratory, Toronto, ON, Canada

## P156

[Performance evaluation of the new VITEK® DensiCHEK: impact on downstream antimicrobial susceptibility testing](#)

[Karan Desai<sup>1,2,3</sup>, Jack Boulé<sup>1,2,3</sup>, Marie Pote<sup>1</sup>, Chris Rizarrì<sup>1</sup>, Karin Schoer<sup>1</sup>, Robert Rebelo<sup>1</sup>, Yesha Patel<sup>1</sup>, Susan M Poutanen<sup>1,2,4</sup>](#)

<sup>1</sup>University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine & Pathobiology, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Sinai Health, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P157

[Quantifying time to proficiency in clinical laboratory adoption of whole genome sequencing for bacterial cluster analysis](#)

[Karan Desai<sup>1,2,3</sup>, Jack Boulé<sup>1,2,3</sup>, Golnoush Aktari<sup>1</sup>, Tony Mazzulli<sup>1,2,4</sup>, Susan M Poutanen<sup>1,2,4</sup>](#)

<sup>1</sup>University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Lunenfeld-Tanenbaum Research Institute, Sinai Health, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P158

[Optimizing diagnostic stewardship for urine cultures in high-risk pediatric populations](#)

[Saina Beitari<sup>1</sup>, Jacky Lu<sup>1</sup>, Cristina Costales<sup>1,2</sup>, Curtis Redos<sup>1</sup>, Leila C Posch<sup>2,3</sup>, Etan Orgel<sup>2,4</sup>, Jennifer Dien Bard<sup>1,2</sup>](#)

<sup>1</sup>Department of Pathology and Laboratory Medicine, Children's Hospital Los Angeles, Los Angeles, CA, USA; <sup>2</sup>Keck School of Medicine, University of Southern California, Los Angeles, CA, USA; <sup>3</sup>Department of Pediatrics, Division of Infectious Diseases, Children's Hospital Los Angeles, Los Angeles, CA, USA; <sup>4</sup>Department of Pediatrics, Division of Hematology-Oncology, Children's Hospital Los Angeles, Los Angeles, CA, USA



## P159

### Pathogen prioritization using a network-defined Multi-Criteria Decision Analysis Framework: The PRECISE-LEAP Approach

Jay Wieler<sup>1,2</sup>, Nadège Pelte<sup>1</sup>, Ana Cabrera<sup>3</sup>, Robert Kozak<sup>4</sup>, Prameet Sheth<sup>5</sup>, Marek Smieja<sup>6</sup>, Susan M Poutanen<sup>1,7,8</sup>

<sup>1</sup>Department of Microbiology, University Health Network & Sinai Health, Toronto, ON, Canada; <sup>2</sup>Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>3</sup>London Health Sciences Centre, London, ON, Canada; <sup>4</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>5</sup>Queen's University, Kingston, ON, Canada; <sup>6</sup>McMaster University, Hamilton, ON, Canada; <sup>7</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>8</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## P160

WITHDRAWN

## P161

### Implementation of GeneXpert rapid HIV-1 PCR testing for pregnant individuals presenting at delivery with unknown HIV status or risk factors for HIV acquisition since last testing

Elsbeth MacBain<sup>1</sup>, David M Goldfarb<sup>1,2,3</sup>, Constance Byrne<sup>3</sup>, Lynne Li<sup>1,3</sup>, Miguel Imperial<sup>1,2</sup>, Jocelyn A Srigley<sup>1,2</sup>, Samuel Chortlon<sup>1</sup>, Stacey Tkachuk<sup>1</sup>, Caitlin Chew<sup>1</sup>, Amber Johnson<sup>1</sup>, Nicole Watson<sup>1</sup>, Tammy Chen<sup>1</sup>, Branco Cheung<sup>4</sup>, Agatha Jassem<sup>2,4</sup>, Laura Sauve<sup>1,5</sup>, Jonathan B Gubbay<sup>1,2</sup>

<sup>1</sup>BC Children's Hospital, Vancouver, BC, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>Provincial Laboratory Medicine Services, Provincial Health Services Authority, BC, Canada; <sup>4</sup>Public Health Laboratory, British Columbia Centre for Disease Control, Vancouver, BC, Canada; <sup>5</sup>Department of Pediatrics, University of British Columbia, Vancouver, BC, Canada

## P162

### Vaccination coverage gaps and determinants among people living with HIV: a retrospective cohort study

Alhanouf Alanazi<sup>1,2</sup>, Julia Julkipli<sup>1</sup>, Ahmed Bishara<sup>1</sup>, Noor BuMurah<sup>1</sup>, Rachel Foote<sup>3</sup>, Janica Adams<sup>4</sup>, Michael Silverman<sup>1</sup>, Fatimah Al Mutawa<sup>5</sup>, Reza Rahimi<sup>1</sup>

<sup>1</sup>Division of Infectious Diseases, Western University, London, ON, Canada; <sup>2</sup>Department of Internal medicine, Prince Mohammed Bin Abdulaziz Hospital, Ministry of National Guard Health Affairs, Al Madinah, Saudi Arabia; <sup>3</sup>Department of Internal Medicine, Western University, London, ON, Canada; <sup>4</sup>Department of Medicine, Division of Infectious Disease, St. Joseph's Health Care, London, ON, Canada; <sup>5</sup>Pathology and Laboratory Medicine, University of Western Ontario, London, ON, Canada

## P163

### Measles immunity among people living with HIV attending three tertiary care clinics in Canada

You Jia Zhong Zhong<sup>1</sup>, Alexa Keeshan<sup>2</sup>, Sabrina Fan<sup>3</sup>, Laure Duval<sup>4</sup>, Branka Vulesevic<sup>1</sup>, Angela Brewer<sup>1</sup>, Louis Cyr<sup>1</sup>, Jean-Pierre Routy<sup>1</sup>, Brian Ward<sup>1</sup>, Fatima Kakkar<sup>4</sup>, Curtis Cooper<sup>5</sup>, Cecilia Costiniuk<sup>1</sup>

<sup>1</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>2</sup>Department of Epidemiology, University of Ottawa, Ottawa, ON, Canada; <sup>3</sup>University of Ottawa, Ottawa, ON, Canada; <sup>4</sup>CHU Sainte-Justine, Montreal, QC, Canada; <sup>5</sup>The Ottawa Hospital, Ottawa, ON, Canada



## P164

External evaluation of population pharmacokinetic models of dolutegravir in pediatrics

Émilie Pilote<sup>1,2</sup>, Nancy L, Sheehan<sup>1,2</sup>, Marie-Élaine Métras<sup>1,3</sup>, Jason Brophy<sup>4</sup>, Amélie Marsot<sup>1</sup>

<sup>1</sup>Faculty of Pharmacy, University of Montreal, Montreal, QC, Canada; <sup>2</sup>McGill University Health Center (MUHC), Montreal, QC, Canada; <sup>3</sup>CHU Sainte-Justine, Montreal, QC, Canada; <sup>4</sup>Children's Hospital of Eastern Ontario (CHEO), Ottawa, ON, Canada

## P165

Occupational health management and outcomes from laboratory exposure to blood cultures positive for *Burkholderia pseudomallei*

Julie Carson<sup>1,2</sup>, Thomas Griener<sup>1,2</sup>, Matthew Lauzon<sup>2,3</sup>, Tanis Dingle<sup>1,2</sup>, Brett Edwards<sup>2</sup>, Nicole McDonnell<sup>3</sup>, Katherine McCauley<sup>3</sup>, Devika Dixit<sup>2,3</sup>

<sup>1</sup>Alberta Precision Laboratories – Public Health Laboratory, Calgary, AB, Canada; <sup>2</sup>University of Calgary, Calgary, AB, Canada; <sup>3</sup>Health Shared Services Workplace Health & Safety, Calgary, AB, Canada

## P166

Increasing antimicrobial resistance trends in Saskatchewan

Josephine Rybchuk, Camille Hamula, Prashanth Pillay, Claire Carson, Ninad Mehta

Department of Pathology and Laboratory Medicine, University of Saskatchewan College of Medicine, Royal University Hospital, Saskatoon, SK, Canada

## P167

Incidence of colonization and infection with carbapenemase-producing Enterobacterales in a Canadian population, 2007-2025

Maxime Lefebvre<sup>1</sup>, Angel Li<sup>1</sup>, Huda Almohri<sup>2</sup>, Danny Chen<sup>3</sup>, Amna Faheem<sup>4</sup>, Lee Goneau<sup>5</sup>, Laura Mataseje<sup>6</sup>, Larissa Matukas<sup>7</sup>, Tony Mazzulli<sup>1,7,8</sup>, Roberto G Melano<sup>9</sup>, Krystyna Ostrowska<sup>10</sup>, Samir Patel<sup>7,11</sup>, Anu Rebbapragada<sup>12</sup>, Christie Vermeiren<sup>13</sup>, Deborah Yamamura<sup>14</sup>, Zoe Zhong<sup>1</sup>

<sup>1</sup>Sinai Health System, Toronto, ON, Canada; <sup>2</sup>LifeLabs, Inc., Mississauga, ON, Canada; <sup>3</sup>MacKenzie Health, Richmond Hill, ON, Canada; <sup>4</sup>North York General Hospital, Toronto, ON, Canada; <sup>5</sup>Dynacare, Brampton, ON, Canada; <sup>6</sup>National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>7</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>8</sup>University Health Network, Toronto, ON, Canada; <sup>9</sup>Pan-American Health Organization, Washington, DC, USA; <sup>10</sup>Trillium Health Partners, Mississauga, ON, Canada; <sup>11</sup>Public Health Ontario Laboratories, Toronto, ON, Canada; <sup>12</sup>Canadian Blood Services, Toronto, ON, Canada; <sup>13</sup>Shared Hospital Laboratory, North York, ON, Canada; <sup>14</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P168

Impact of whole genome sequencing in investigating environmental group A streptococcus transmission in an inpatient setting

Amber L Linkenheld<sup>1</sup>, Christina K Chan<sup>1</sup>, Kuldeep Virdi<sup>1</sup>, Robert Kozak<sup>2</sup>, Nicolas Waglechner<sup>2</sup>, Heidi Li<sup>2</sup>, Victoria Williams<sup>1</sup>, Lorraine Mazedit Mieusement<sup>1</sup>, Heather Candon<sup>1</sup>, Tiffany Chan<sup>1,3</sup>, Ashley James<sup>1</sup>, Justin Eplett<sup>1</sup>, Shreya Anil Kumar<sup>1</sup>, Jerome A Leis<sup>1,3</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada



## P169

Streamlined Confirmation of Vancomycin-Resistant Enterococci (VRE) from Chromogenic Media using MALDI-ToF and Extraction-Free PCR

Jason J LeBlanc<sup>1,2</sup>, Craig Oliver<sup>1</sup>, Dolly Sahota-Leask<sup>1</sup>, Gregory R McCracken<sup>1</sup>, Charles Heinstein<sup>1</sup>, Jimmy MacDonald<sup>1</sup>, Audra Russell-Tattrie<sup>1</sup>, Ross J Davidson<sup>1,2</sup>, Glenn Patriquin<sup>1,2</sup>

<sup>1</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada; <sup>2</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada

## P170

Use of whole genome sequencing to evaluate the transmission dynamics of ST80 VanB Vancomycin resistant Enterococcus: a single-centre genomic epidemiological study

James E Burns<sup>1</sup>, Amber L Linkenheld<sup>2</sup>, Nicholas Waglerchner<sup>3</sup>, Jerome A Leis<sup>2,4</sup>, Robert Kozak<sup>3</sup>, Victoria Williams<sup>2</sup>, Tiffany Chan<sup>2,4</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathobiology, Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>3</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada

## P171

Impact of Point-of-Care respiratory multiplex testing in a long-term care home: a before-after quality improvement study

Christina K Chan<sup>1</sup>, Emmanuel San Jose<sup>2</sup>, Dazel Palogan Nelmidia<sup>2</sup>, Jaclyn O'Brien<sup>1</sup>, Heather L Candon<sup>1,3</sup>, Carla Rosario<sup>2</sup>, Lisa Marcovici<sup>2</sup>, Sid Feldman<sup>2,4</sup>, Jerome A Leis<sup>1,4</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Baycrest Health Sciences, Toronto, ON, Canada; <sup>3</sup>Queen's University, Kingston, ON, Canada; <sup>4</sup>University of Toronto, Toronto, ON, Canada

## P172

Impact of *Mycobacterium tuberculosis* PCR Testing on Airborne Infection De-isolation Practices: A Retrospective Review of Two Urban Health Care Centers

Bayan Alamro<sup>1</sup>, Leila Chinybayeva<sup>2</sup>, Shayan Shakeraneh<sup>2</sup>, Victor Leung<sup>1,2</sup>, Aleksandra Stefanovic<sup>1,2</sup>, Marc G, Romney<sup>1,2</sup>, Christopher F Lowe<sup>1,2</sup>, Michael Payne<sup>1,2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Providence Health Care, Vancouver, BC, Canada

## P173

Utility of a Pulmonary TB diagnostic Algorithm to Optimize Airborne Isolation

Qasim Mohiuddin, Alon Vaisman

University Health Network, Toronto, ON, Canada

## P174

WITHDRAWN



## P175

[Local patterns and clinical characteristics of carbapenemase-producing organisms from 2017 to 2024](#)

[Sunghoon Lee](#), Stephanie Wrenn Smith

Division of Infectious Diseases, Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada

## P176

[Impact of masking policy on healthcare-associated acute respiratory infections in 14 hospitals in southern Ontario](#)

Thomas C Scheier<sup>1</sup>, Helen Shaw<sup>2</sup>, Anne Bialachowski<sup>3</sup>, Zain Chagla<sup>3</sup>, Laura Eames<sup>4</sup>, Jane Edward<sup>5</sup>, Michael Silverman<sup>6</sup>, Tom Szakacs<sup>7</sup>, Marianita Lampitoc<sup>8</sup>, BJ Pibbs<sup>9</sup>, William Ciccotelli<sup>10</sup>, Medina Saffie<sup>11</sup>, Ken Colquhoun<sup>12</sup>, Karim Ali<sup>12</sup>, Lindsay Hampton-Hampejskova<sup>12</sup>, Jody Gowling<sup>13</sup>, Khuloud Nuri<sup>14</sup>, Erika Vitale<sup>15</sup>, [Dominik Mertz](#)<sup>16,17</sup>

<sup>1</sup>Population Health Research Institute, McMaster University and Hamilton Health Sciences, Hamilton, ON, Canada; <sup>2</sup>Bluewater Health, Sarnia, ON, Canada; <sup>3</sup>St Joseph's Healthcare Hamilton, Hamilton, ON, Canada; <sup>4</sup>Middlesex Hospital Alliance, Strathroy, ON, Canada; <sup>5</sup>St Joseph's Health Care London, London, ON, Canada; <sup>6</sup>St Joseph's Health Care London, London, ON, Canada; <sup>7</sup>Brant Community Healthcare System, Brant, ON, Canada; <sup>8</sup>London Health Sciences Centre, London, ON, Canada; <sup>9</sup>Haldimand War Memorial Hospital, Dunnville, ON, Canada; <sup>10</sup>Waterloo Regional Health Network, Waterloo, ON, Canada; <sup>11</sup>Joseph Brant Hospital, Burlington, ON, Canada; <sup>12</sup>Niagara Health, St Catherines, ON, Canada; <sup>13</sup>Hotel Dieu Shaver, St Catherines, ON, Canada; <sup>14</sup>Cambridge Memorial Hospital, Cambridge, ON, Canada; <sup>15</sup>Windsor Regional Hospital, Windsor, ON, Canada; <sup>16</sup>Population Health Research Institute, McMaster University and Hamilton Health Sciences, Hamilton, ON, Canada; <sup>17</sup>Department of Medicine, McMaster University, Hamilton, ON, Canada

## P177

[The effectiveness of single vs multi-bedrooms in preventing the transmission of methicillin-resistant Staphylococcus aureus in hospitals: A systematic review](#)

[Nicholas E Alger](#)<sup>1</sup>, Jenine Leal<sup>2,3</sup>, Ifeoma Oriahi<sup>3</sup>, Angella Robinson<sup>3</sup>, Ravneet Sandhu<sup>3</sup>, Stephanie Smith<sup>3,1</sup>

<sup>1</sup>University of Alberta, Edmonton, AB, Canada; <sup>2</sup>University of Calgary, Calgary, AB, Canada; <sup>3</sup>Alberta Health Services, Edmonton, AB, Canada

## P178

**WITHDRAWN**

## P179

[Enterococcus avium carrying vanA as a potential reservoir of vancomycin resistance in the hospital setting](#)

[Marissa L Ledger](#)<sup>1,2</sup>, Clayton W Hall<sup>1,2</sup>, Domenica G De Luca<sup>1,3</sup>, Zareen Fatima<sup>1,3</sup>, Padman Jayaratne<sup>1,2</sup>, Marek Smieja<sup>1,2,3</sup>, Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada; <sup>2</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Research Institute at St Joe's Hamilton, Hamilton, ON, Canada

## P180

[Investigating the impact of Simethicone anti-foaming agent on residual microbial contamination of clinical endoscopes following routine reprocessing](#)

[Nicole Major](#)<sup>1</sup>, David Galam Kim<sup>1</sup>, Sarah Hopkins<sup>1</sup>, Maja Jacobsen<sup>1</sup>, Victoria Mallett<sup>1</sup>, Shu-Mei He<sup>1</sup>, Jad Tirani<sup>1</sup>, Saad Khan<sup>1</sup>, Sam Adeli<sup>1</sup>, Narges Ashrafinia<sup>2</sup>, Clarence Wong<sup>2</sup>, Ellen G Avery<sup>1,3</sup>, Lawrence Hookey<sup>1,3</sup>, Prameet M Sheth<sup>1,3</sup>



<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>University of Alberta, Edmonton, AB, Canada; <sup>3</sup>Kingston Health Sciences Center, Kingston, ON, Canada

## P181

[Admission screening strategies for carbapenemase-producing organisms in acute care settings: a narrative review](#)

[Abdulrahman Almodahka](#)<sup>1</sup>, David Ryan Kleinman<sup>2,3</sup>, Aruna Uma Chandran<sup>1,4</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, The University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Faculty of Medicine, Queens University, Kingston, ON, Canada; <sup>3</sup>Department of Medicine, Lakeridge Health Corporation, Oshawa, ON, Canada; <sup>4</sup>Division of Medical Microbiology and Infection Control, Department of Pathology and Laboratory Medicine, Vancouver General Hospital, Vancouver Coastal Health, Vancouver, BC, Canada

## P182

[Prevalence-based surveillance for carbapenemase-producing organisms outside outbreak or exposure settings in acute care: a narrative review](#)

[Abdulrahman Almodahka](#)<sup>1</sup>, David Ryan Kleinman<sup>2,3</sup>, Aruna Uma Chandran<sup>1,4</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, The University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Faculty of Medicine, Queens University, Kingston, ON, Canada; <sup>3</sup>Department of Medicine, Lakeridge Health Corporation, Oshawa, ON, Canada; <sup>4</sup>Division of Medical Microbiology and Infection Control, Department of Pathology and Laboratory Medicine, Vancouver General Hospital, Vancouver Coastal Health, Vancouver, BC, Canada

## P183

[Fungus among us: a case of an echinocandin-resistant \*Candidozyma auris\* urinary tract infection](#)

[You Jia Zhong](#)<sup>1</sup>, Sapha Barkati<sup>1</sup>, Nadine Kronfli<sup>1</sup>, Philippe Dufresne<sup>2</sup>, Matthew Cheng<sup>1</sup>, Ewa Rajda<sup>1</sup>

<sup>1</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>2</sup>Laboratoire de santé publique du Québec, Montreal, QC, Canada

## P184

[Leveraging long-read sequencing to enable \*de novo\* genome assembly of \*Candida spp.\* and downstream genomic epidemiology and surveillance](#)

[Emily H Xiong](#)<sup>1</sup>, Nicholas Waglechner<sup>1</sup>, Patryk Aftanas<sup>1</sup>, Ramzi Fattouh<sup>2,3</sup>, Christie Vermeiren<sup>1,3</sup>, Kevin Katz<sup>1,3,4</sup>, Robert Kozak<sup>1,3</sup>, Xena Li<sup>1,4</sup>

<sup>1</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>2</sup>St Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada; <sup>4</sup>North York General Hospital, Toronto, ON, Canada

## P185

[Advancing routine mycology: high-fidelity mold identification through triple-library MALDI-TOF MS, multi-spot analysis, and optimized workflows for scalable laboratory adoption](#)

[Ruchika Bagga](#), Jeff Fuller, Ana Cabrera, Fatima Almutawa, Sameer Elsayed, Johan Delpont

London Health Sciences Centre, London, ON, Canada

## P186

[Imported \*Madurella mycetomatis\* eumycetoma in a recent East African immigrant to Alberta, Canada](#)

[Ima Anugom](#)<sup>1,2</sup>, Brittany Kula<sup>3</sup>, Vanessa Fawcett<sup>4</sup>, Mao-Cheng Lee<sup>1,2</sup>, Justin Bateman<sup>1</sup>, Tanis Dingle<sup>5,6</sup>



<sup>1</sup>Department of Laboratory Medicine & Pathology, University of Alberta, Edmonton, AB, Canada; <sup>2</sup>Alberta Precision Laboratories, Edmonton, AB, Canada; <sup>3</sup>Division of Infectious Diseases, University of Alberta, Edmonton, AB, Canada; <sup>4</sup>Department of Surgery, University of Alberta, Edmonton, AB, Canada; <sup>5</sup>Alberta Precision Laboratories, Calgary, AB, Canada; <sup>6</sup>Department of Pathology & Laboratory Medicine, University of Calgary, Calgary, AB, Canada

## P187

[Detection of \*Pneumocystis jirovecii\* in pooled nasopharyngeal specimens from pediatric patients with respiratory infections](#)

Domenica G De Luca<sup>1,2</sup>, Zayn Brar<sup>1,2</sup>, Sarah Marttala<sup>2</sup>, Doris Williams<sup>2</sup>, Padman Jayaratne<sup>1,3</sup>, Marek Smieja<sup>1,2,3</sup>, Mohammad Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute of St Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P188

[Choose Wisely Canada Recommendations to Improve STAT Phlebotomy Requests in an Urban Center](#)

Peter Pieroni<sup>1</sup>, Jodi Terrick<sup>2</sup>

<sup>1</sup>Westman Laboratory, Microbiology and Specimen Management, Shared Health, Brandon, MB, Canada; <sup>2</sup>Westman Laboratory, Microbiology and Specimen Management, Shared Health, Brandon, MB, Canada

## P189

[Enteric Fever revisited: clinical management in an era of extensively drug-resistant typhoid](#)

Danah Alsharrah<sup>1</sup>, Yara Falatah<sup>2</sup>, Joseph Vayalumkal<sup>1</sup>

<sup>1</sup>Department of Pediatrics, Section of Infectious Diseases, Alberta Children's Hospital, University of Calgary, AB, Canada; <sup>2</sup>Department of Medical Microbiology, Calgary, AB, Canada

## P190

[A case of \*Tropheryma whippelii\* native valve infective endocarditis diagnosed by valve tissue 16S rRNA PCR](#)

Ima Anugom<sup>1,2</sup>, Sydney Neumeier<sup>3</sup>, William Stokes<sup>1,2,4</sup>

<sup>1</sup>Department of Laboratory Medicine & Pathology, University of Alberta, Edmonton, AB, Canada; <sup>2</sup>Alberta Precision Laboratories (APL) – Provincial Public Health Laboratory (ProvLab), Edmonton, AB, Canada; <sup>3</sup>Department of Internal Medicine, University of Alberta, Edmonton, AB, Canada; <sup>4</sup>Division of Infectious Diseases, University of Alberta, Edmonton, AB, Canada

## P191

[The epidemiology of human metapneumovirus in hospitalized children in the 2022 – 2023 Canadian viral respiratory season](#)

Stephanie Zahradnik<sup>1,2,3,4</sup>, Rachel Manios<sup>5</sup>, Rohini Datta<sup>6</sup>, Daniel Farrar<sup>3,6</sup>, Caitlyn Kaziev<sup>3</sup>, Tuana Kant<sup>5</sup>, Claire Seaton<sup>7,8,9</sup>, Hayley Wagman<sup>2</sup>, M Han<sup>10</sup>, Sanjay Mahant<sup>2,3,4,11</sup>, Gabrielle Freire<sup>2,3,12</sup>, Aaron Campigotto<sup>13,14</sup>, J Bone<sup>15</sup>, Manish Sadarangani<sup>9,16</sup>, Francine Buchanan<sup>3,17</sup>, Haifa Mtaweh<sup>2,3,18</sup>, Shaun Morris<sup>1,2,3,6,19</sup>, Peter Gill<sup>2,3,4,11</sup>

<sup>1</sup>Division of Infectious Diseases, The Hospital for Sick Children, Toronto, ON, Canada; <sup>2</sup>Department of Paediatrics, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Child Health Evaluative Sciences, SickKids Research Institute, Toronto, ON, Canada; <sup>4</sup>Institute of Health Policy, Management and Evaluation, University of Toronto, Toronto, ON, Canada; <sup>5</sup>Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada; <sup>6</sup>Centre for Global Child Health, The Hospital



for Sick Children, Toronto, ON, Canada; <sup>7</sup>Division of Pediatric Hospital Medicine, British Columbia Children's Hospital, Vancouver, BC, Canada; <sup>8</sup>British Columbia Children's Hospital Research Institute, Vancouver, BC, Canada; <sup>9</sup>Department of Pediatrics, University of British Columbia, Vancouver, BC, Canada; <sup>10</sup>Clinical Research Unit, Children's Hospital of Eastern Ontario Research Institute, Ottawa, ON, Canada; <sup>11</sup>Division of Paediatric Medicine, The Hospital for Sick Children, Toronto, ON, Canada; <sup>12</sup>Division of Pediatric Emergency Medicine, The Hospital for Sick Children, Toronto, ON, Canada; <sup>13</sup>Division of Microbiology, The Hospital for Sick Children, Toronto, ON, Canada; <sup>14</sup>Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>15</sup>Biostatistics Clinical Research Support Unit, British Columbia Children's Hospital Research Institute, Vancouver, BC, Canada; <sup>16</sup>Vaccine Evaluation Center, British Columbia Children's Hospital Research Institute, Vancouver, BC, Canada; <sup>17</sup>Centre for Innovation and Excellence in Child and Family-Centred Care, The Hospital for Sick Children, Toronto, ON, Canada; <sup>18</sup>Interdepartmental Division of Paediatric Critical Care Medicine, The Hospital for Sick Children, Toronto, ON, Canada; <sup>19</sup>Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada

## P192

### Presentation and treatment of late Ocular Manifestations of confirmed or presumed Neonatal Herpes Simplex Virus: a case series

Geraldine Huynh<sup>1</sup>, Catherine Burton<sup>1</sup>, David Kimberlin<sup>2</sup>, Federico Laham<sup>3</sup>, Rebecca Pellett Madan<sup>4</sup>, Upton Allen<sup>5</sup>, Matthew Tennant<sup>1</sup>, Joan Robinson<sup>1</sup>

<sup>1</sup>University of Alberta, Edmonton, AB, Canada; <sup>2</sup>University of Alabama, Tuscaloosa, Alabama, USA; <sup>3</sup>Arnold Palmer Hospital for Children at Orlando Health, Orlando, Florida, USA; <sup>4</sup>NYU Grossman School of Medicine, New York City, New York, USA; <sup>5</sup>University of Toronto, Toronto, ON, Canada

## P193

### WITHDRAWN

## P194

### Enteric Fever in hospitalized pediatric patients in Canada: a retrospective review from 2014 to 2023

Geraldine Huynh<sup>1</sup>, Rohini Datta<sup>2</sup>, Jason Brophy<sup>3</sup>, Jeannette Comeau<sup>4</sup>, Devika Dixit<sup>5</sup>, Michael T Hawkes<sup>6</sup>, Sandra Isabel<sup>7</sup>, Joan Robinson<sup>1</sup>, Anael Tessier-Gagnon<sup>7</sup>, Joseph Vayalumkal<sup>5</sup>, Fatmah Alblooshi<sup>8</sup>, Thomas Armstrong<sup>1</sup>, Jennifer Bowes<sup>3</sup>, Laura Erdman<sup>9</sup>, Elodie Gemme<sup>10</sup>, Sameer Kassim<sup>10</sup>, Carsten Krueger<sup>5</sup>, Bonita E Lee<sup>1</sup>, Alison Lopez<sup>11</sup>, Gunjan Mhapankar<sup>3</sup>, Fatema Mohamed<sup>2</sup>, Jeffrey Pernica<sup>9</sup>, Marina Salvadori<sup>8</sup>, Kaitlin See<sup>9</sup>, Elizabeth Zhang<sup>1</sup>, Kescha Kazmi<sup>2</sup>, Shaun Morris<sup>2</sup>

<sup>1</sup>University of Alberta, Edmonton, AB, Canada; <sup>2</sup>University of Toronto, Toronto, ON, Canada; <sup>3</sup>University of Ottawa, Ottawa, ON, Canada; <sup>4</sup>Dalhousie University, Halifax, Nova Scotia, Canada; <sup>5</sup>University of Calgary, Calgary, AB, Canada; <sup>6</sup>University of British Columbia, Vancouver, BC, Canada; <sup>7</sup>Laval University, Quebec City, QC, Canada; <sup>8</sup>McGill University, Montreal, QC, Canada; <sup>9</sup>McMaster University, Hamilton, ON, Canada; <sup>10</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>11</sup>Western University, London, ON, Canada

## P195

### GeneXpert MTB/RIF Ultra Implementation for Airborne Deisolation of suspected Tuberculosis patients at a Canadian pediatric hospital: a preliminary cost-benefit analysis

Abigail G Mathews<sup>1,2</sup>, Chaoran Dong<sup>2,3</sup>, Melissa Richard-Greenblatt<sup>2,3</sup>, Nabilah Juma<sup>2</sup>, Ray Lam<sup>2,3</sup>, Thanh Nguyen<sup>2</sup>, Sonia Narula<sup>2</sup>, Michelle Science<sup>1,2</sup>, Manal Tadros<sup>2,3</sup>, Aaron Campigotto<sup>2,3</sup>, Ian Kitai<sup>2,3</sup>

<sup>1</sup>University of Toronto (Department of Laboratory Medicine), Toronto, ON, Canada; <sup>2</sup>The Hospital for Sick Children (SickKids), Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada



## P196

### [Epidemiology of \*Streptococcus pneumoniae\* in children with community-acquired pneumonia \(CAP\)](#)

[Jayalakshmi Pothiraj](#)<sup>1,2</sup>, [Shamini Selvakumar](#)<sup>1,3</sup>, [Matthew Surette](#)<sup>4</sup>, [Zayn Brar](#)<sup>5</sup>, [Julio Diaz L'Hoeste](#)<sup>5,6</sup>, [Mona Elmikaty](#)<sup>7</sup>, [Jodi Gilchrist](#)<sup>5,8</sup>, [April Jacqueline Kam](#)<sup>1,3</sup>, [Sarah Marttala](#)<sup>8</sup>, [Le Minh An Nguyen](#)<sup>7</sup>, [Motunrayo Oyejide](#)<sup>1</sup>, [Alhena Virani](#)<sup>7</sup>, [Gita Wahi](#)<sup>1,2,3</sup>, [Doris Williams](#)<sup>8</sup>, [Mohammad Rubayet Hasan](#)<sup>5</sup>, [Marek Smieja](#)<sup>2,5</sup>, [Jeffrey Michael Pernica](#)<sup>1,2,3</sup>

<sup>1</sup>McMaster Children's Hospital, Hamilton Health Sciences, Hamilton, ON, Canada; <sup>2</sup>Department of Health Research Methods, Evidence, and Impact, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Department of Pediatrics, McMaster University, Hamilton, ON, Canada; <sup>4</sup>National Institute of Health, Bethesda, MD, USA; <sup>5</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>6</sup>Faculty of Medicine, University of Toronto, Toronto, ON, Canada; <sup>7</sup>Faculty of Health Sciences, McMaster University, Hamilton, ON, Canada; <sup>8</sup>Research Institute of St Joseph's Healthcare Hamilton, Hamilton, ON, Canada

## P197

### [Gonococcal septic arthritis in an adolescent patient](#)

[Catherine Sun](#), [Rupesh Chawla](#), [Rupeena Purewal](#)

University of Saskatchewan, Saskatoon, SK, Canada

## P198

WITHDRAWN

## P199

### [Diagnostic and therapeutic challenges of Epstein-Barr Virus cerebellitis in a pediatric cardiac transplant patient](#)

[Tanna J Lauriente](#)<sup>1</sup>, [Simon Urschel](#)<sup>2,3</sup>, [Sunil Desai](#)<sup>4</sup>, [Shannon Oliver](#)<sup>2</sup>, [Jennifer Conway](#)<sup>2</sup>, [Charles-Olivier Fortin-Moore](#)<sup>2,3</sup>, [Marta Rojas-Vasquez](#)<sup>5</sup>, [Michael Khoury](#)<sup>2</sup>, [Catherine Burton](#)<sup>6</sup>

<sup>1</sup>University of Alberta - Division of Infectious Diseases, Edmonton, AB, Canada; <sup>2</sup>University of Alberta - Division of Pediatric Cardiology, Edmonton, AB, Canada; <sup>3</sup>University of Alberta - Division of Pediatric Transplant Cardiology, Edmonton, AB, Canada; <sup>4</sup>University of Alberta - Division of Pediatrics, Edmonton, AB, Canada; <sup>5</sup>University of Alberta - Division of Pediatric Hematology and Oncology, Edmonton, AB, Canada; <sup>6</sup>University of Alberta - Division of Pediatric Infectious Diseases, Edmonton, AB, Canada

## P200

### [Meningoencephalitis cluster due to Snowshoe Hare virus in Western Canada](#)

[Faisal Ali](#)<sup>1</sup>, [Miguel Imperial](#)<sup>1</sup>, [Muhammad Morshed](#)<sup>2</sup>, [David M, Goldfarb](#)<sup>1</sup>, [Jonathan B Gubbay](#)<sup>1</sup>, [Catherine A Hogan](#)<sup>2</sup>, [Rohit Vijh](#)<sup>3</sup>, [Marta Jaeckel](#)<sup>3</sup>, [Jaskiran Sajan](#)<sup>3</sup>, [Heidi Wood](#)<sup>4</sup>, [Alyssia Robinson](#)<sup>4</sup>, [Jennifer Tam](#)<sup>1</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>BC Centre for Disease Control, Vancouver, BC, Canada; <sup>3</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>4</sup>National Microbiology Laboratory, Winnipeg, MB, Canada

## P201

### [Human metapneumovirus admissions among Nunavut infants: A 10-year retrospective cohort study](#)

[Mai-Lei Woo Kinshell](#)<sup>1,2</sup>, [Jean Allen](#)<sup>3</sup>, [Jasmine Pawa](#)<sup>4</sup>, [Jesse Papenburg](#)<sup>5</sup>, [Radha Jetty](#)<sup>6</sup>, [Rachel Dwilow](#)<sup>7</sup>, [Joanne Embree](#)<sup>7</sup>, [Joan Robinson](#)<sup>8</sup>, [Laura Arbour](#)<sup>1,2</sup>, [Manish Sadarangani](#)<sup>1,2</sup>, [Ye Shen](#)<sup>2</sup>, [Jeffrey N Bone](#)<sup>1,2</sup>, [Celia Walker](#)<sup>1</sup>, [Iryna Kayda](#)<sup>1</sup>, [Holden Sheffield](#)<sup>9</sup>, [Darcy Scott](#)<sup>10</sup>, [Amber Miners](#)<sup>6,9</sup>, [David M Goldfarb](#)<sup>1,2</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>BC Children's Hospital Research Institute, Vancouver, BC,



Canada; <sup>3</sup>Nunavut Tunngavik Incorporated, Iqaluit, NU, Canada; <sup>4</sup>Nunavut Department of Health, Iqaluit, NU, Canada; <sup>5</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>6</sup>University of Ottawa, Ottawa, ON, Canada; <sup>7</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>8</sup>University of Alberta, Edmonton, AB, Canada; <sup>9</sup>Qikiqtani General Hospital, Iqaluit, NU, Canada; <sup>10</sup>Stanton Territorial Hospital, Yellowknife, NT, Canada

## P202

An unusual aquatic exposure-related *Erysipelothrix* infection of the finger in a child

Andra Banete<sup>1</sup>, Peter J O'Reilly<sup>2</sup>, Joseph Zeppa<sup>1</sup>, Kescha Kazmi<sup>2</sup>, Manal Tadros<sup>1,3</sup>, Aaron Campigotto<sup>1,3</sup>, Meliss Richard-Greenblatt<sup>1,3</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Division of Infectious Diseases, The Hospital for Sick Children, Toronto, ON, Canada; <sup>3</sup>Department of Pediatric Laboratory Medicine, The Hospital for Sick Children, Toronto, ON, Canada

## P203

High positivity rate of Group A *Streptococcus* pharyngitis at a large pediatric clinic using the point-of-care ID NOW™ Strep A assay

Nad-Rath Chanou<sup>1</sup>, Mariam Ag Bazet<sup>1</sup>, Frédéric Faucher<sup>2,3</sup>, Stéphanie Beauchemin<sup>4</sup>, Nadia Bordeleau<sup>3</sup>, Mélissa Léveillé<sup>4</sup>, Anaïck Lagana-Teyssier<sup>4</sup>, Annie-Claude Labbé<sup>4,5,6</sup>

<sup>1</sup>Faculty of Medicine, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Department of Pediatrics, Faculty of Medicine, Université de Montréal, Montreal, QC, Canada; <sup>3</sup>Department of Pediatrics, CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada; <sup>4</sup>Clinical Department of Laboratory Medicine, Centre Hospitalier de l'Université de Montréal, Montreal, QC, Canada; <sup>5</sup>Division of Infectious Diseases, Hôpital Maisonneuve-Rosemont, CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada; <sup>6</sup>Department of Microbiology, Infectious Diseases and Immunology, Faculty of Medicine, Université de Montréal, Montreal, QC, Canada

## P204

Cerebral Toxoplasmosis mimicking Lupus cerebritis

Kumudhavalli Kavanoor Sridhar<sup>1</sup>, Ramzi Fattouh<sup>2</sup>, Mario A, Ostrowski<sup>3</sup>

<sup>1</sup>Division of Medical Microbiology, Department of Laboratory Medicine and Pathobiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine, Unity Health Toronto, Toronto, ON, Canada; <sup>3</sup>Division of Infectious Diseases, Department of Medicine, University of Toronto, Toronto, ON, Canada

## P205

Optimization of sedimentary ancient DNA methods for recovery of ancient parasite DNA from archeological fecal samples

Marissa L Ledger<sup>1,2</sup>, Tyler Murchie<sup>3</sup>, Koen Deforce<sup>4,5</sup>, Maureen Carroll<sup>6</sup>, Candace Rice<sup>7</sup>, Erica Rowan<sup>8</sup>, Nicholas Cahill<sup>9</sup>, Leonor Peña-Chocarro<sup>10</sup>, Maria de Fátima Palma<sup>11</sup>, Ileana Micarelli<sup>12</sup>, Giorgio Manzi<sup>12</sup>, Melanie Kuch<sup>2</sup>, Piers Mitchell<sup>13</sup>, Hendrik Poinar<sup>2,14</sup>

<sup>1</sup>Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>McMaster Ancient DNA Centre, Department of Anthropology, McMaster University, Hamilton, ON, Canada; <sup>3</sup>Hakai Institute, Heriot Bay, BC, Canada; <sup>4</sup>Department of Archaeology, Ghent University, Ghent, Belgium; <sup>5</sup>Royal Belgian Institute of Natural Sciences, Brussels, Belgium; <sup>6</sup>Department of Archaeology, York University, York, United Kingdom; <sup>7</sup>Joukowsky Institute for Archaeology & the Ancient World, Department of Classics, Brown University, Providence, RI, USA; <sup>8</sup>Department of Classics, Royal Holloway University of London, London, United Kingdom; <sup>9</sup>Department of Art History, University



of Wisconsin-Madison, Madison, WI, USA; <sup>10</sup>Instituto de Historia, Spanish National Research Council, Madrid, Spain, <sup>11</sup>Campo Arqueológico de Mértola/CEAACP, Mértola, Portugal; <sup>12</sup>Department of Environmental Biology, Sapienza University of Rome, Rome, Italy; <sup>13</sup>McDonald Institute for Archaeological Research, University of Cambridge, Cambridge, United Kingdom; <sup>14</sup>Department of Biochemistry and Biomedical Sciences, McMaster University, Hamilton, ON, Canada

## P206

### [Airborne Intruder: A rare case of airport malaria in the United Kingdom](#)

Nutchaya Ungcharoen<sup>1</sup>, Montaha Hassan<sup>2</sup>, Charlotte Hall<sup>1</sup>, Katherine Woods<sup>1</sup>, [Akaninyene A Otu](#)<sup>2</sup>

<sup>1</sup>Leeds Teaching Hospital NHS Trust, Leeds, United Kingdom; <sup>2</sup>Mid Yorkshire Teaching Hospital NHS Trust, Wakefield, United Kingdom

## P207

### [Adapting an immunization assessment tool for adults in a Canadian jurisdiction: An implementation pilot](#)

Jessica Mannette<sup>1,2</sup>, Bailey M, Selig<sup>1,2</sup>, Cristina Zuniga Chacon<sup>1,2</sup>, Erin Bentley<sup>3</sup>, Sarah Buchan<sup>4</sup>, Donna Halperin<sup>1,5</sup>, Scott Halperin<sup>1,2</sup>, Kathryn McIsaac<sup>6</sup>, Stephana Julia Moss<sup>1,2</sup>, Jeanna Parsons Leigh<sup>1,2</sup>, Katherine Salter<sup>1,2</sup>, [Jeannette Comeau](#)<sup>1,2</sup>, Canadian Immunization Research Network Investigators (CIRN)<sup>7</sup>

<sup>1</sup>Canadian Center for Vaccinology, Halifax, NS, Canada; <sup>2</sup>Dalhousie University, Halifax, NS, Canada; <sup>3</sup>Prince Edward Island Department of Health and Wellness, Charlottetown, PE, Canada; <sup>4</sup>Public Health Ontario, Toronto, ON, Canada; <sup>5</sup>St Francis Xavier University, Antigonish, NS, Canada; <sup>6</sup>Nova Scotia Department of Health and Wellness, Halifax, NS, Canada; <sup>7</sup>Public Health Agency of Canada, Ottawa, ON, Canada

## P208

### [Canadian HCV Diagnostics Working Group: Recommendations for Standardizing HCV Diagnostics Across Canada](#)

Katy Keylis<sup>1</sup>, [Robert Kozak](#)<sup>2</sup>, Agatha Jassem<sup>3</sup>, Sofia Bartlett<sup>3</sup>, Paul Sandstrom<sup>4</sup>, Anna Van Der Meulen<sup>5</sup>, Jordan Feld<sup>1</sup>, Mia Biondi<sup>1,6</sup>, On behalf of Canadian HCV Diagnostics Working Group<sup>5</sup>

<sup>1</sup>Viral Hepatitis Care Network (VIRCAN) Study Group, Toronto Centre for Liver Disease, University Health Network, Toronto, ON, Canada; <sup>2</sup>Sunnybrook Health Sciences, Toronto, ON, Canada; <sup>3</sup>BC Centre for Disease Control, Vancouver, BC, Canada; <sup>4</sup>Public Health Agency of Canada, Winnipeg, Manitoba, Canada; <sup>5</sup>University Health Network, Toronto, ON, Canada; <sup>6</sup>School of Nursing, York University, Toronto, ON, Canada

## P209

WITHDRAWN

## P210

### [Parents' changing attitudes toward routine childhood, influenza, and COVID-19 vaccinations in Canada since the COVID-19 pandemic: A national survey](#)

[Shannon E MacDonald](#)<sup>1</sup>, Robin Humble<sup>2</sup>, Laura Reifferscheid<sup>1</sup>, Nicolas Gilbert<sup>3</sup>, Eve Dubé<sup>4</sup>

<sup>1</sup>University of Alberta, Edmonton, AB, Canada; <sup>2</sup>Vancouver Island University, Victoria, BC, Canada; <sup>3</sup>Public Health Agency of Canada, Ottawa, ON, Canada; <sup>4</sup>Université Laval, Quebec City, QC, Canada



## P211

### [Incidence and characteristics of invasive pneumococcal disease \(IPD\) post-pandemic \(2022-2025\)](#)

[Asfia Sultana](#)<sup>1</sup>, [Altynay Shigayeva](#)<sup>1</sup>, [Danny Chen](#)<sup>2</sup>, [Wayne L. Gold](#)<sup>3,4</sup>, [Alyssa Golden](#)<sup>5</sup>, [Sigmund Krajden](#)<sup>4,6</sup>, [Michael Lingley](#)<sup>7</sup>, [Reena Lovinsky](#)<sup>8</sup>, [Irene Martin](#)<sup>5</sup>, [Larissa Matukas](#)<sup>4,9</sup>, [Matthew Muller](#)<sup>4,9</sup>, [Krystyna Ostrowska](#)<sup>10</sup>, [Pierre-Philippe Piche-Renaud](#)<sup>4,11</sup>, [Neil Rau](#)<sup>12</sup>, [David Richardson](#)<sup>13</sup>, [Valerie Sales](#)<sup>14</sup>, [Christie Vermeiren](#)<sup>4,15</sup>, Toronto Invasive Bacterial Diseases Network<sup>4</sup>

<sup>1</sup>Sinai Health, Toronto, ON, Canada; <sup>2</sup>Mackenzie Health, Richmond Hill, ON, Canada; <sup>3</sup>University Health Network, Toronto, ON, Canada; <sup>4</sup>University of Toronto, Toronto, ON, Canada; <sup>5</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>6</sup>St Joseph Health Centre, Toronto, ON, Canada; <sup>7</sup>Southlake Regional Health Centre, Newmarket, ON, Canada; <sup>8</sup>Scarborough Health Network, Toronto, ON, Canada; <sup>9</sup>Unity Health, Toronto, ON, Canada; <sup>10</sup>Trillium Health Partners, Mississauga, ON, Canada; <sup>11</sup>Hospital for Sick Kids, Toronto, ON, Canada; <sup>12</sup>Halton Healthcare, Oakville, ON, Canada; <sup>13</sup>William Osler Health System, Brampton, ON, Canada; <sup>14</sup>Markham Stouffville Hospital, Markham, ON, Canada; <sup>15</sup>Shared Hospital Laboratory, Toronto, ON, Canada

## P212

### [Incidence and characteristics of invasive Group A streptococcal infection post-pandemic \(2022-2025\)](#)

[Mare Pejkovska](#)<sup>1</sup>, [Kazi Hassan](#)<sup>1</sup>, [Irene Armstrong](#)<sup>2,3</sup>, [Vanessa Allen](#)<sup>1,3</sup>, [Mahin Baqi](#)<sup>4</sup>, [Kevin R. Barker](#)<sup>5</sup>, [Ari Bitnun](#)<sup>6</sup>, [Sergio Borgia](#)<sup>4,7</sup>, [Aaron Campigotto](#)<sup>3,6</sup>, [Sumon Chakrabarti](#)<sup>5</sup>, [Wayne L. Gold](#)<sup>3,8</sup>, [Alyssa Golden](#)<sup>9</sup>, [Jennie Johnstone](#)<sup>1,3</sup>, [Christopher Kandel](#)<sup>3,10</sup>, [Ian Kitaj](#)<sup>3,6</sup>, [Julianne Kus](#)<sup>11</sup>, [Liane Macdonald](#)<sup>3,11</sup>, [Irene Martin](#)<sup>12</sup>, [Matthew Muller](#)<sup>3,13</sup>, [Jeya Nadarajah](#)<sup>14</sup>, [Dan Ricciuto](#)<sup>15</sup>, [Medina Saffie](#)<sup>16</sup>, [Manal Tadros](#)<sup>6</sup>, [Monali Varia](#)<sup>17</sup>, Toronto Invasive Bacterial Diseases Network<sup>3</sup>

<sup>1</sup>Sinai Health, Toronto, ON, Canada; <sup>2</sup>Toronto Public Health, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada; <sup>4</sup>William Osler Health System, Brampton, ON, Canada; <sup>5</sup>Trillium Health Partners, Mississauga, ON, Canada; <sup>6</sup>Hospital for Sick Children, Toronto, ON, Canada; <sup>7</sup>McMaster University, Hamilton, ON, Canada; <sup>8</sup>University Health Network, Toronto, ON, Canada; <sup>9</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>10</sup>Michael Garron Hospital, Toronto, ON, Canada; <sup>11</sup>Public Health Ontario, Toronto, ON, Canada; <sup>12</sup>Public Health Agency of Canada, Winnipeg, MB, Canada; <sup>13</sup>Unity Health, Toronto, ON, Canada; <sup>14</sup>Oak Valley Health, Markham, ON, Canada; <sup>15</sup>Lakeridge Health, Oshawa, ON, Canada; <sup>16</sup>Joseph Brant Hospital, Burlington, ON, Canada; <sup>17</sup>Peel Public Health, Mississauga, ON, Canada

## P213

### [Update to provincial cascade of care for Hepatitis C Virus \(HCV\) 2018-2024](#)

[Syed Raza](#), [Cindy Whitten](#), [Peter Daley](#)

NL Health Services, St John's, NL, Canada

## P214

### [Chagas disease screening in blood donors: A 15-year review of risk profiles](#)

[Antoine Lewin](#), [Christian Renaud](#)

Hema-Quebec, Montreal, QC, Canada

## P215

### [Public views on a shared cost funding model to address barriers for recommended but unfunded vaccines in community pharmacies: A Canadian Immunization Research Network \(CIRN\) Study](#)

[Cristina Zuniga Chacon](#)<sup>1</sup>, [Sara Mizen](#)<sup>1</sup>, [Kathryn Slayter](#)<sup>1,2</sup>, [Tasha Ramsey](#)<sup>1,3</sup>, [Jennifer E Isenor](#)<sup>1</sup>, [Fawziah Lalji](#)<sup>4</sup>, [Janusz Kaczorowski](#)<sup>5</sup>, [Nancy M Waite](#)<sup>6</sup>, [Donna Halperin](#)<sup>7</sup>, [Scott Halperin](#)<sup>1</sup>, [Emily Black](#)<sup>1</sup>



<sup>1</sup>Dalhousie University, Halifax, NS, Canada; <sup>2</sup>IWK Health, Halifax, NS, Canada; <sup>3</sup>Nova Scotia Health, Halifax, NS, Canada; <sup>4</sup>University of British Columbia, Vancouver, BC, Canada; <sup>5</sup>University of Montreal, Montreal, QC, Canada; <sup>6</sup>University of Waterloo, Waterloo, ON, Canada; <sup>7</sup>St Francis Xavier University, Antigonish, NS, Canada

## P216

WITHDRAWN

## P217

[Epidemiology of invasive \*Haemophilus influenzae\* non-B: a clonal outbreak of Serotype A \(ST-23\)](#)

[Julia Pennell](#)<sup>1</sup>, [Raymond Tsang](#)<sup>2</sup>, [Cindy Whitten](#)<sup>3</sup>, [Marie Faye](#)<sup>3</sup>, [Michael Curran](#)<sup>4</sup>, [Peter Daley](#)<sup>1</sup>

<sup>1</sup>Memorial University, St John's, NL, Canada; <sup>2</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>3</sup>Newfoundland and Labrador Health Services, St John's, NL, Canada; <sup>4</sup>Newfoundland and Labrador Health Services, Happy Valley Goose Bay, NL, Canada

## P218

[Provincial cascade of care for active tuberculosis](#)

[Selina Zhao](#)<sup>1</sup>, [Gabe Woollam](#)<sup>2</sup>, [Peter Daley](#)<sup>1</sup>

<sup>1</sup>Memorial University, St John's, NL, Canada; <sup>2</sup>NL Health Services, Goose Bay, NL, Canada

## P219

[Temperature variation does not impact the recovery of \*Chlamydia trachomatis\* \(CT\) or \*Neisseria gonorrhoeae\* \(GC\) using the Aptima Multitest Swab Transport Media \(STM\)](#)

[Jason J LeBlanc](#)<sup>1,2</sup>, [Gregory R McCracken](#)<sup>1</sup>, [Todd F Hatchette](#)<sup>1,2</sup>

<sup>1</sup>Division of Microbiology, Department of Pathology and Laboratory Medicine, Nova Scotia Health, Halifax, NS, Canada; <sup>2</sup>Department of Pathology, Dalhousie University, Halifax, NS, Canada

## P220

[Syphilis screening in pregnancy: an environmental scan of current global and Canadian recommendations](#)

[Avideh Afshar](#)<sup>1</sup>, [Michelle Haavaldsrud](#)<sup>2</sup>, [Dominique Basque](#)<sup>2</sup>, [Joanna Merckx](#)<sup>2</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McGill University, Montreal, QC, Canada; <sup>2</sup>Centre for Communicable Diseases and Infection Control, Public Health Agency of Canada, Ottawa, ON, Canada

## P221

WITHDRAWN

## P222

[Extensively drug-resistant \*Salmonella\* Typhi bloodstream infection in setting of return from travel in southwestern China: the first documented case in western Canada](#)

[Calvin KF Lo](#)<sup>1</sup>, [Merisa Mok](#)<sup>2,3</sup>, [Yazdan Mirzanejad](#)<sup>4,5</sup>, [Shazia Masud](#)<sup>1,6</sup>, [Gregory D Deans](#)<sup>4,5</sup>, [Jennifer M Grant](#)<sup>7,8</sup>, [Tyson Miao](#)<sup>3,9</sup>, [Diana Whellams](#)<sup>1,6</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada;



<sup>2</sup>Antimicrobial Stewardship Program, Fraser Health, Burnaby, BC, Canada; <sup>3</sup>Faculty of Pharmaceutical Sciences, University of British Columbia, Vancouver, BC, Canada; <sup>4</sup>Division of Infectious Diseases, Department of Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>5</sup>Division of Infectious Diseases, Department of Medicine, Fraser Health, Surrey, BC, Canada; <sup>6</sup>Department of Pathology and Laboratory Medicine, Surrey Memorial Hospital, Surrey, BC, Canada; <sup>7</sup>Divisions of Infectious Diseases and Medical Microbiology, University of British Columbia, Vancouver, BC, Canada; <sup>8</sup>British Columbia Centre for Disease Control Public Health Laboratory, Provincial Health Services Authority, Vancouver, BC, Canada; <sup>9</sup>Department of Pharmacy, Surrey Memorial Hospital, Fraser Health, Surrey, BC, Canada

## P223

Rare case of yellow fever in a 46-year-old man following a spiritual retreat in the Amazon region of Peru

Jean-François Desrosiers, Valérie Blouin, Yen-Giang Bui

Direction de santé publique de la Montérégie, Longueuil, QC, Canada

## P224

WITHDRAWN

## P225

A multiplex antigen assay for sensitive and specific detection of past Mpox Virus Infection

Citlali Márquez<sup>1,2</sup>, Gabrielle Angelo P Cortez<sup>2</sup>, Danielle Luk<sup>2</sup>, Tahereh Valadbeigy<sup>2</sup>, Darrell HS Tan<sup>3,4</sup>, Agatha N Jassem<sup>1,2</sup>

<sup>1</sup>BC Centre for Disease Control, Public Health Laboratory, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>St Michael's Hospital, Toronto, ON, Canada; <sup>4</sup>University of Toronto, Toronto, ON, Canada

## P226

An improved method for segment-specific sequencing of influenza A virus from clinical specimens

Ian Restall<sup>1,2</sup>, Amjad Arrabi<sup>1</sup>, Mohammad Rubayet Hasan<sup>1,2,3</sup>, Marek Smieja<sup>1,2,3</sup>

<sup>1</sup>Research Institute of St Joe's Hamilton, Hamilton, ON, Canada; <sup>2</sup>McMaster University, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## P227

Sequence and structural analysis of the Human Coronavirus OC43 Mutation Clock Using AlphaFold3

Jad Tirani<sup>1,2</sup>, Kyla Tozer<sup>2,3</sup>, Henry Wong<sup>4,5,6</sup>, Calvin Sjaarda<sup>4,5,6</sup>, Shu-Mei He<sup>2</sup>, Danielle Brabant-Kirwan<sup>7</sup>, Marc Dejardins<sup>8</sup>, Ramzi Fattouh<sup>9,10</sup>, Ellen G Avery<sup>5,4</sup>, Robert Kozak<sup>10,11</sup>, Prameet M Sheth<sup>2,4,5</sup>

<sup>1</sup>Department of Biomedical and Molecular Sciences, Queen's University, Kingston, ON, Canada; <sup>2</sup>Gastrointestinal Disease Research Unit, Department of Medicine, Queen's University, Kingston, ON, Canada; <sup>3</sup>Department of Translational Medicine, Queen's University, Kingston, ON, Canada; <sup>4</sup>Division of Microbiology, Kingston Health Sciences Centre, Kingston, ON, Canada; <sup>5</sup>Department of Pathology and Molecular Medicine, Queen's University, Kingston, ON, Canada; <sup>6</sup>Infectious Disease Sequencing Laboratory, Kingston Health Sciences Centre, Kingston, ON, Canada; <sup>7</sup>Health Sciences North Research Institute, Sudbury, ON, Canada; The Ottawa Hospital, Ottawa, ON, Canada; <sup>8</sup>The Ottawa Hospital, Ottawa, ON, Canada; <sup>9</sup>Department of Laboratory Medicine, St Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>10</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>11</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada



# Poster Viewing and Presentations

## P228

Toward a standardized protocol: Optimizing cell concentration in a FluoroSpot assay for clinical studies of Rubella immunity

Tamara A Semeria Maitret<sup>1</sup>, Sabrina S Plitt<sup>2</sup>, Joëlle Kasongo<sup>1</sup>, Carmen L Charlton<sup>1,3,4</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada; <sup>2</sup>School of Public Health, University of Alberta, Edmonton, AB, Canada; <sup>3</sup>Provincial Laboratory for Public Health (ProvLab), Edmonton, AB, Canada; <sup>4</sup>Canadian Blood Services (CBS), Edmonton, AB, Canada

## P229

Herpes beyond the skin: A case of postpartum fulminant necrotizing hepatitis due to disseminated HSV

Jeremy Li<sup>1</sup>, Victoria Rust<sup>2</sup>, Abdulrazak Umar<sup>2</sup>, Jerrid Archutick<sup>3</sup>, Krystyna Pokraka<sup>3</sup>, Nabiha Faisal<sup>3</sup>, Mayara L Bastos<sup>3</sup>, Sylvain A Lothier<sup>1,3</sup>

<sup>1</sup>Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>Department of Obstetrics, Gynecology and Reproductive Sciences, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada; <sup>3</sup>Department of Internal Medicine, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada

## Rapid Fire Posters

Rapid-fire abstracts include both an oral presentation and a poster component. Posters will be on display in the Bannerman Foyer on Wednesday and Thursday; however, presenters will not be available at their posters on Thursday to answer questions.

**Presenters will be available at their posters during the dedicated poster session over lunch on Friday.**

Viewing: Wednesday, April 29

Thursday, April 30

Location: Bannerman Ballroom Foyer

Presentations: Friday, May 1

Time: 11:45 – 12:45

Location: Bowring Ballroom



## RFA001

External evaluation of population pharmacokinetic models of dolutegravir in pediatrics

Émilie Pilote<sup>1,2</sup>, Nancy L. Sheehan<sup>1,2</sup>, Marie-Élaine Métras<sup>1,3</sup>, Jason Brophy<sup>4</sup>, Amélie Marsot<sup>1</sup>

<sup>1</sup>Faculty of Pharmacy, University of Montreal, Montreal, QC, Canada; <sup>2</sup>McGill University Health Center (MUHC), Montreal, QC, Canada; <sup>3</sup>CHU Sainte-Justine, Montreal, QC, Canada; <sup>4</sup>Children's Hospital of Eastern Ontario (CHEO), Ottawa, ON, Canada

## RFA002

Evaluation of direct-from-blood-culture disk diffusion testing for Gram-negative bacilli at a regional microbiology laboratory

Austin Yan<sup>1</sup>, Vincent Deslandes<sup>1,2</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of Ottawa, Ottawa, ON, Canada; <sup>2</sup>Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada

## RFA003

Development and individualized presentation of regional-local urinary antibiograms for use in long-term care homes across the province

Ian B. Langleben<sup>1</sup>, Bradley J. Langford<sup>2,3</sup>, Kevin A. Brown<sup>2,4</sup>, Sarah Swayze<sup>5</sup>, Lucas Castellani<sup>6</sup>, Dan Dalton<sup>7</sup>, Fiona Emdin<sup>2,8,9</sup>, Samantha Lee<sup>5</sup>, Valerie Leung<sup>2,10</sup>, Larissa Matukas<sup>1</sup>, Anjali Oberai<sup>11</sup>, Kevin L. Schwartz<sup>2,4,12</sup>, Nick Daneman<sup>2,8,13</sup>

<sup>1</sup>University of Toronto, Toronto, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada; <sup>3</sup>McMaster University, Hamilton, ON, Canada; <sup>4</sup>Dalla Lana School of Public Health, Toronto, ON, Canada; <sup>5</sup>ICES, Toronto, ON, Canada; <sup>6</sup>Northern Ontario School of Medicine, Thunder Bay, ON, Canada; <sup>7</sup>CareRx Corporation, Toronto, ON, Canada; <sup>8</sup>Institute of Health Policy, Management, and Evaluation, Toronto, ON, Canada; <sup>9</sup>Global Strategy Lab, Toronto, ON, Canada; <sup>10</sup>Toronto East Health Network, Toronto, ON, Canada; <sup>11</sup>Wawa Family Health Team, Wawa, ON, Canada; <sup>12</sup>Unity Health Toronto, Toronto, ON, Canada; <sup>13</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada

## RFA004

WITHDRAWN

## RFA005

Target attainment and pharmacokinetic variability of antimicrobials in patients undergoing extracorporeal membrane oxygenation therapy

Ibrahim El-Haffaf<sup>1,2</sup>, David Williamson<sup>1,3</sup>, Alexandros Cavayas Yiorgos<sup>3</sup>, Marc-Alexandre Duceppe<sup>4</sup>, Chantale Simard<sup>5</sup>, Han Ting Wang<sup>6</sup>, Zoé Thiboutot<sup>6</sup>, Amélie Marsot<sup>1,2</sup>

<sup>1</sup>Faculty of pharmacy, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Laboratoire de suivi thérapeutique pharmacologique et pharmacocinétique, Université de Montréal, Montreal, QC, Canada; <sup>3</sup>Hôpital du Sacré-Cœur de Montréal, Montreal, QC, Canada; <sup>4</sup>Centre universitaire de santé McGill, Montreal, QC, Canada; <sup>5</sup>Faculty of pharmacy, Université Laval, Quebec City, QC, Canada; <sup>6</sup>Centre hospitalier de l'Université de Montréal, Montreal, QC, Canada



## RFA006

Evaluating the impact of immunosuppressive therapy during ex vivo lung preservation

Maira Machhiwala

University of Alberta, Edmonton, AB, Canada

## RFA007

A Rapid Reverse Genetics Platform Using NanoLuc Reporter SARS-CoV-2 for Antiviral Evaluation Against Emerging Variants

Megha Rohamare<sup>1</sup>, Nidhi Kaushik<sup>1,2</sup>, Juveriya Qamar Khan<sup>1</sup>, Mahrokh Balouchi<sup>1</sup>, Joaquin Lopez-Orozco<sup>3</sup>, Robert Kozak<sup>4,5,6</sup>, Tom C Hobman<sup>3</sup>, Darryl Falzarano<sup>2,1</sup>, Anil Kumar<sup>1</sup>, Joyce Wilson<sup>1</sup>

<sup>1</sup>University of Saskatchewan, Saskatoon, SK, Canada; <sup>2</sup>Vaccine and Infectious Disease Organization, Saskatoon, SK, Canada; <sup>3</sup>University of Alberta, Edmonton, AB, Canada; <sup>4</sup>Sunnybrook Research Institute, Toronto, ON, Canada; <sup>5</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>6</sup>University of Toronto, Toronto, ON, Canada

## RFA008

A comprehensive survey of paediatric blood culture practices in North America

Sandra Isabel<sup>1,2,3,4</sup>, Brianna Ball<sup>1,2,3</sup>, Manal Tadros<sup>5,6</sup>, Pierre-Philippe Piché-Renaud<sup>4</sup>, Anissa Brahami<sup>7</sup>, Christian Renaud<sup>8,9</sup>, Isabelle Viel-Thériault<sup>1,2,3</sup>, Aaron Campigotto<sup>5,6</sup>

<sup>1</sup>Département de pédiatrie, Faculté de médecine, Université Laval, Quebec city, QC, Canada; <sup>2</sup>Axe Maladies infectieuses et immunitaires, Centre de recherche du CHU de Québec-Université Laval, Quebec city, QC, Canada; <sup>3</sup>Centre de recherche en infectiologie, Université Laval, Quebec city, QC, Canada; <sup>4</sup>Division of Infectious Diseases, Department of Paediatrics, The Hospital for Sick Children, Toronto, ON, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>6</sup>Department of Paediatric Laboratory Medicine, Hospital for Sick Children, Toronto, ON, Canada; <sup>7</sup>Department of Medical Microbiology and Infectious Diseases, University of Manitoba, Winnipeg, MB, Canada; <sup>8</sup>Department of Microbiology, Infectious Diseases and Immunology, Université de Montréal, Montreal, QC, Canada; <sup>9</sup>Department of Clinical Laboratory Medicine, OPTILAB Montreal – Centre Hospitalier Universitaire Sainte-Justine, Montreal, QC, Canada

## RFA009

Improving stool-based diagnosis of *Helicobacter pylori*

Tess Wilson<sup>1,2</sup>, Doris Williams<sup>2</sup>, Sarah Marttala<sup>2</sup>, Ian Restall<sup>1,2</sup>, Padman Jayaratne<sup>1,3</sup>, Salaheddin Abouanaser<sup>1,3</sup>, Marek Smieja<sup>1,2,3</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute at St Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program (HRLMP), Hamilton, ON, Canada

## RFA010

Are pharmacokinetic-pharmacodynamic (PK/PD) targets being met? Real-World Vancomycin dosing practices and predictors of Optimal Target Attainment

Van Dong Nguyen<sup>1,2,3</sup>, Mikhail-Paul Cardinal<sup>1,2</sup>, François Bourdeau<sup>2</sup>, Alexandre Rivard<sup>2,4</sup>, Daniel Thirion<sup>1,2</sup>, Amélie Marsot<sup>1,3,5</sup>

<sup>1</sup>Faculté de pharmacie, Université de Montréal, Montreal, QC, Canada; <sup>2</sup>Department of Pharmacy, McGill University Health Centre, Montreal, QC, Canada; <sup>3</sup>Laboratoire STP2, Université de Montréal, Montreal, QC, Canada; <sup>4</sup>Faculté de médecine, Université de Montréal, Montreal, QC, Canada; <sup>5</sup>Centre de recherche du CHU Sainte-Justine, Montreal, QC, Canada



## RFB001

Impact of the Future-Use Special Access Programme on the availability of antibiotics to treat multi-drug resistant infections in a Canadian hospital system

Rebecca Druken<sup>1</sup>, Irina Rajakumar<sup>1</sup>, Brandon Christensen<sup>2</sup>

<sup>1</sup>Alberta Health Services, Calgary, AB, Canada; <sup>2</sup>University of Calgary, Calgary, AB, Canada

## RFB002

Real time PCR detection of mold cell-free DNA in plasma of immunocompromised patients

Corrie R Belanger<sup>1,2</sup>, Kerstin Locher<sup>1,2</sup>, Billie Velapatino<sup>1,2</sup>, Senta G Reuss<sup>3</sup>, Othman Alhekail<sup>2</sup>, Anthony Lieu<sup>1,2</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Division of Medical Microbiology, Vancouver, BC, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>3</sup>University Medical Center of Johannes Gutenberg University Mainz, Mainz, Germany

## RFB003

Increased Ertapenem MIC Cut-offs for Carbapenemase-confirmation: Significant reduction in confirmatory testing without loss of sensitivity

Philippe Lagacé-Wiens<sup>1,2</sup>, Kenneth Wu<sup>1</sup>, Heather Adam<sup>1,2</sup>, Andrew Walkty<sup>1,2</sup>, Christine Turenne<sup>1,2</sup>, James Karlowsky<sup>1,2</sup>

<sup>1</sup>Shared Health, Winnipeg, MB, Canada; <sup>2</sup>University of Manitoba, Winnipeg, MB, Canada

## RFB004

A National tick-borne Infection Survey of Canadian Patients: Diagnostic Pathways, Care Access, and Health-System Barriers

Don Graham

Lyme: OhOh Canada; Toronto, ON, Canada; Canadian Lyme Coalition, Toronto, ON, Canada

## RFB005

Outpatient Parenteral Antibiotic Therapy Clinical Outcomes Registry and Evaluation (OPAT CORE): Development, validation, and preliminary results of electronic medical record integrated multi-hospital prospective registry in Vancouver, British Columbia,

William J Connors<sup>1,2</sup>, Shaqil Peermohamed<sup>1,3</sup>, Victoria Weaver<sup>1,3</sup>, Josh Douglas<sup>1,4</sup>, Queenie Dinh<sup>1,2</sup>, Alissa Wright<sup>1,3</sup>

<sup>1</sup>Division of Infectious Diseases, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>St.Paul's Hospital, Vancouver, BC, Canada; <sup>3</sup>Vancouver General Hospital, Vancouver, BC, Canada; <sup>4</sup>Lions Gate Hospital, Vancouver, BC, Canada

## RFB006

Clinical performance of *Aspergillus* PCR in bronchial samples for the diagnosis of invasive pulmonary aspergillosis

Billie Velapatino<sup>1,2</sup>, Kerstin Locher<sup>1,2</sup>, Sufay Liu<sup>1,2</sup>, Anthony Lieu<sup>1,2</sup>, Sean Ling<sup>1,2</sup>, Corrie Belanger<sup>1,2</sup>, Marthe Charles<sup>1,2</sup>

<sup>1</sup>Vancouver Coastal Health, Vancouver, BC, Canada; <sup>2</sup>University of British Columbia, Vancouver, BC, Canada



## RFB007

WITHDRAWN

## RFB008

Cefiderocol susceptibility of carbapenemase producing Enterobacterales and *Acinetobacter sp* in Canada

Laura F Mataseje<sup>1</sup>, Yves Longtin<sup>2</sup>, Kathleen Dunn<sup>3</sup>, Jacqueline Arthur<sup>3</sup>, Mandy Reimer<sup>1</sup>, George Golding<sup>1</sup>, Amrita Bharat<sup>1</sup>, CNISP CPO Working Group<sup>3</sup>

<sup>1</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>2</sup>Jewish General Hospital, Montreal, QC, Canada; <sup>3</sup>Public Health Agency of Canada, Ottawa, ON, Canada

## RFB009

Automated Detection of Alphaherpesviruses: Validation of the UC-TIB-HSV/VZV Assay on the cobas® 5800 System

Hanh Tran<sup>1</sup>, Shannon Schofield<sup>1</sup>, Fatimah AlMutawa<sup>1,2</sup>, Johan Delpont<sup>1,2</sup>, Sameer Elsayed<sup>1,2</sup>, Jeffrey Fuller<sup>1,2</sup>, Ruchika Gupta<sup>1,2</sup>, Fatima Khalil-Clair<sup>1</sup>, Allie McBride<sup>1</sup>, Ana Cabrera<sup>1,2</sup>

<sup>1</sup>Pathology and Laboratory Medicine, London Health Sciences Centre, London, Canada; <sup>2</sup>Shulich School of Medicine and Dentistry, Western University, London, Canada

## RFB010

Methicillin-resistant *Staphylococcus aureus* outbreak analysis using whole genome sequencing

Melisa Avanes<sup>1</sup>, Amber Linkenheld<sup>1</sup>, Heather Candon<sup>1</sup>, Lorraine Maze dit Mieuxement<sup>1</sup>, Nicholas Waglechner<sup>2</sup>, Robert Kozak<sup>2</sup>, Jerome Leis<sup>3</sup>

<sup>1</sup>Sunnybrook Health Sciences Centre, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada

## RFC001

Detection of CMV, EBV, and HHV6 in pooled nasopharyngeal specimens (NPS) from pediatric patients with upper respiratory tract infections

Zayn Brar<sup>1,2</sup>, Zareen Fatima<sup>1</sup>, Kelly Waters<sup>2</sup>, Jodi Gilchrist<sup>1,2</sup>, Sarah Marttala<sup>2</sup>, Doris Williams<sup>2</sup>, Marek Smieja<sup>1,2,3</sup>, Mohammed Rubayet Hasan<sup>1,2,3</sup>

<sup>1</sup>McMaster University, Hamilton, ON, Canada; <sup>2</sup>Research Institute of St Joe's Hamilton, Hamilton, ON, Canada; <sup>3</sup>Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

## RFC002

Clinical impact and diagnostic stewardship of 16S rRNA gene PCR and sequencing for culture-negative infections in a large Canadian hospital system

Pearl Abdulkadir<sup>1</sup>, D Brody Duncan<sup>1,2</sup>

<sup>1</sup>Division of Medical Microbiology, Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada; <sup>2</sup>Department of Microbiology, Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada



## RFC003

[Antibiotics don't take weekends off: Fewer broad-spectrum antibiotic discontinuations on Saturdays and Sundays](#)

Emma CL Finlayson-Trick<sup>1</sup>, Salomeh Shajari<sup>2</sup>, Shaqil Peermohamed<sup>2,3</sup>

<sup>1</sup>Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>ASPIRES (Antimicrobial Stewardship Programme: Innovation, Research, Education, and Safety), Patient Quality and Safety, Vancouver Coastal Health, Vancouver, BC, Canada; <sup>3</sup>Divisions of Infectious Diseases, Department of Medicine, University of British Columbia, Vancouver, BC, Canada

## RFC004

[Epidemiologic and Genomic Surveillance of Human Coronavirus OC43 in Ontario, Canada; identifies variability in the Spike protein, limiting the potential for cross-protective immunity](#)

Kyla Tozer<sup>1</sup>, Henry Wong<sup>1,2</sup>, Calvin Sjaarda<sup>1,2</sup>, Jad Tirani<sup>1</sup>, Maedah Naghibosadat<sup>3</sup>, Danielle Brabant-Kirwan<sup>4</sup>, Ramzi Fattouh<sup>5,6</sup>, Robert Kozak<sup>3,7</sup>, Prameet M Sheth<sup>1,2</sup>

<sup>1</sup>Queen's University, Kingston, ON, Canada; <sup>2</sup>Division of Microbiology, Kingston Health Sciences Center, Kingston, ON, Canada; <sup>3</sup>Sunnybrook Health Sciences Centre, Biological Sciences Platform, Toronto, ON, Canada; <sup>4</sup>Division of Microbiology, Health Sciences North, Sudbury, ON, Canada; <sup>5</sup>St. Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>6</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>7</sup>Shared Hospital Laboratory, Toronto, ON, Canada

## RFC005

[Prevalence of \*Strongyloides stercoralis\* infection among immunosuppressed patients at a tertiary care centre in Canada: a cross-sectional screening study](#)

Clare Fogarty<sup>1,2</sup>, Curtis Quan<sup>3</sup>, Romina Gheorghe<sup>2</sup>, Olena Zotova<sup>2</sup>, Faheel Naeem<sup>2</sup>, Lyne Cedilotte<sup>2,4</sup>, Michael Libman<sup>1,2,4</sup>, Cedric Yansouni<sup>1,2,4</sup>, Momar Ndao<sup>1,5</sup>, Sapha Barkati<sup>1,2,4</sup>

<sup>1</sup>Division of Infectious Diseases, Department of Medicine, McGill University, Montreal, QC, Canada; <sup>2</sup>McGill University Health Centre, Montreal, QC, Canada; <sup>3</sup>Department of Medicine, University of Calgary, Calgary, AB, Canada; <sup>4</sup>JD MacLean Centre for Tropical & Geographic Medicine, McGill University, Montreal, QC, Canada; <sup>5</sup>National Reference Centre for Parasitology, The Research Institute of the McGill University Health Centre, Montreal, QC, Canada

## RFC006

[Assessment of the environmental impact of inappropriate intravenous use of highly bioavailable antibiotics using a calculated carbon footprint](#)

Curtis Quan<sup>1</sup>, Danah Alsharah<sup>2</sup>, Deana Sabuda<sup>3</sup>, Irina Rajakumar<sup>3</sup>

<sup>1</sup>Department of Medicine, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>2</sup>Department of Pediatrics, University of Calgary and Alberta Health Services, Calgary, AB, Canada; <sup>3</sup>Pharmacy Services, Alberta Health Services, Calgary, AB, Canada

## RFC007

[Rapid Molecular and Antimicrobial Resistance Detection of \*Mycoplasma genitalium\*](#)

Idowu B Olowoye<sup>1</sup>, Maegen Taylor<sup>1</sup>, Emmanuel A Ayeni<sup>1</sup>, Evan Stewart<sup>1</sup>, Ashlyn J Kim<sup>1</sup>, Jennifer L Guthrie<sup>1,2</sup>

<sup>1</sup>Department of Microbiology and Immunology, Schulich School of Medicine and Dentistry, Western University, London, ON, Canada; <sup>2</sup>Public Health Ontario, Toronto, ON, Canada



## RFC008

### A Proactive Quality Assurance Framework for Monitoring Primer-Template Complementarity in Evolving Respiratory Viruses

Kumudhavalli Kavanoor Sridhar<sup>1</sup>, Manija Rahimi<sup>2</sup>, Patryk Aftanas<sup>2</sup>, Nicholas Waglechner<sup>2</sup>, Finlay Maguire<sup>2</sup>, Tanvir Pathan<sup>2</sup>, Robert A, Kozak<sup>1,2,3</sup>, Xena X, Li<sup>1,2,4</sup>, Kevin Katz<sup>1,2,4</sup>, Samira Mubareka<sup>1,2</sup>, Christie Vermeiren<sup>1,2</sup>

<sup>1</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>2</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>3</sup>Sunnybrook Research Institute, Toronto, ON, Canada; <sup>4</sup>Infection Prevention and Control, North York General Hospital, Toronto, ON, Canada

## RFC009

WITHDRAWN

## RFC010

### Contrasting virulome, resistome and bacteriocin profiles in shiga toxin-producing *E. coli* circulating in Quebec

Selena Landry<sup>1,2</sup>, Isabelle Bernaquez<sup>1,2</sup>, Dihya Baloul<sup>1</sup>, Charles Dozois<sup>3</sup>, Sadjia Bekal<sup>1,2</sup>

<sup>1</sup>Laboratoire de santé publique du Québec, Ste-Anne-de-Bellevue, QC, Canada; <sup>2</sup>Microbiology, infectiology and immunology department of University of Montreal, Montreal, QC, Canada; <sup>3</sup>Institut National de la recherche scientifique, Laval, QC, Canada

## RFD001

### Retrospective analysis of fecal microbiota, live (RBL) in preventing recurrent *Clostridioides difficile* infection: Early real-world use in Canadian patients

Theodore S Steiner<sup>1</sup>, Michael Silverman<sup>2</sup>, Issa E, Ephtimios<sup>3</sup>, Tracey Jason<sup>4</sup>, Susan N Elliott<sup>4</sup>, Jennifer Kamien<sup>4</sup>

<sup>1</sup>University of British Columbia, Vancouver, BC, Canada; <sup>2</sup>Western University, London, ON, Canada; <sup>3</sup>Interior Health Authority and, Kelowna General Hospital, Kelowna, BC, Canada; <sup>4</sup>Ferring Inc., Toronto, ON, Canada

## RFD002

### Strengthening Public Health and Clinical Responses to Shiga Toxin-Producing *E. coli* Infections by Improving Isolation and Shiga Toxin 1 and 2 Detections from Nucleic Acid Test-Positive Feces

Byron M Berenger<sup>1,2,3</sup>, Thomas Griener<sup>2,3</sup>, Linda Chui<sup>4,5</sup>

<sup>1</sup>Provincial Public Health Laboratory, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada; <sup>3</sup>Microbiology, Alberta Precision Laboratories, Calgary, AB, Canada; <sup>4</sup>Provincial Public Health Laboratory, Alberta Precision Laboratories, Edmonton, AB, Canada; <sup>5</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada

## RFD003

### Hospital characteristics associated with healthcare-associated viral respiratory infection rates in a Canadian acute care network

Erin McGill<sup>1</sup>, Diane Lee<sup>1</sup>, Caroline Quach<sup>2</sup>, Jerome Leis<sup>3</sup>, Mark Downing<sup>4</sup>, John Conly<sup>5</sup>, Jennifer Ellison<sup>6</sup>, John M Embil<sup>7</sup>, Bonita E Lee<sup>8</sup>, Yves Longtin<sup>9</sup>, Dominik Mertz<sup>10</sup>, Stephanie Smith<sup>8</sup>, Reena Titoria<sup>11</sup>, Olivia Varsaneux<sup>1</sup>, Joseph Vayalumkal<sup>5</sup>, Nisha Thampj<sup>12</sup>, Charles Frenette<sup>9</sup>

<sup>1</sup>Canadian Nosocomial Infection Surveillance Program, Public Health Agency of Canada, Ottawa, ON, Canada;



<sup>2</sup>University of Montreal, Montreal, QC, Canada; <sup>3</sup>University of Toronto, Toronto, ON, Canada; <sup>4</sup>Dalhousie University, Halifax, NS, Canada; <sup>5</sup>University of Calgary, Calgary, AB, Canada; <sup>6</sup>Alberta Health Services, Calgary, AB, Canada; <sup>7</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>8</sup>University of Alberta, Edmonton, AB, Canada; <sup>9</sup>McGill University, Montreal, QC, Canada; <sup>10</sup>McMaster University, Hamilton, ON, Canada; <sup>11</sup>Provincial Health Services Authority, Vancouver, BC, Canada; <sup>12</sup>University of Ottawa, Ottawa, ON, Canada

## RFD004

### [Genomic characterization of non-invasive isolates of \*Streptococcus pyogenes\* collected from 2023-2025](#)

[Heidi Li](#)<sup>1</sup>, Nicholas Waglechner<sup>1</sup>, Angel Li<sup>2</sup>, Maxime Lefebvre<sup>2</sup>, Lee Goneau<sup>3</sup>, Ramzi Fattouh<sup>4</sup>, Aaron Campigotto<sup>5</sup>, Patryk Aftanas<sup>1</sup>, Kevin Katz<sup>1</sup>, Christie Vermeiren<sup>1</sup>, Irene Martin<sup>6</sup>, Alyssa Golden<sup>6</sup>, Finlay Maguire<sup>1,7</sup>, Allison McGeer<sup>2</sup>, Robert Kozak<sup>1</sup>

<sup>1</sup>Shared Hospital Laboratory, Toronto, ON, Canada; <sup>2</sup>Department of Microbiology, University Health Network/Sinai Health System, Toronto, ON, Canada; <sup>3</sup>Dynacare Laboratory, Brampton, ON, Canada; <sup>4</sup>St. Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada; <sup>5</sup>The Hospital for Sick Children, Toronto, ON, Canada; <sup>6</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>7</sup>Computer Science / Community Health & Epidemiology, Dalhousie University, Halifax, NS, Canada

## RFD005

### [How is IV amoxicillin/clavulanate used in Canada? Final results from the CLEAR registry](#)

George G Zhanel<sup>1</sup>, Gerald McDonald<sup>2</sup>, [Melanie Baxter](#)<sup>1</sup>, Brayden Halweg<sup>2</sup>, Alex Serebryansky<sup>3</sup>, Muhammad Hammad<sup>3</sup>, Anna Lee<sup>4</sup>, Zain Chagla<sup>5</sup>, Maggie Wong<sup>6</sup>, Yazdan Mirzanejad<sup>7</sup>, Melissa Kucey<sup>8</sup>, Neal Irfan<sup>9</sup>, Marty Teltscher<sup>10</sup>, Jean-François Tessier<sup>11</sup>, Andrew Walkty<sup>1</sup>, James Karlowsky<sup>1</sup>

<sup>1</sup>University of Manitoba, Winnipeg, MB, Canada; <sup>2</sup>NLHS Eastern Urban Zone, St. John's, NL, Canada; <sup>3</sup>London Health Sciences Centre, London, ON, Canada; <sup>4</sup>Toronto General Hospital/UHN, Toronto, ON, Canada; <sup>5</sup>St. Joseph's Healthcare, Hamilton, ON, Canada; <sup>6</sup>Fraser Health, Vancouver, ON, Canada; <sup>7</sup>University of British Columbia, Vancouver, ON, Canada; <sup>8</sup>Regina General Hospital, Regina, SK, Canada; <sup>9</sup>Hamilton Health Sciences Centre, Hamilton, ON, Canada; <sup>10</sup>Jewish General Hospital, Montreal, QC, Canada; <sup>11</sup>CIUSSS de l'Est-de-l'Île-de-Montreal, Montreal, QC, Canada

## RFD006

### [Molecularization of dermatophyte testing from nail, skin scraping, and hair samples in a high-volume clinical microbiology laboratory](#)

Barbara Chow<sup>1</sup>, Julie Carson<sup>1,2</sup>, [Michael Groeschel](#)<sup>1,2</sup>

<sup>1</sup>Alberta Precision Laboratories, Calgary, AB, Canada; <sup>2</sup>Department of Pathology and Laboratory Medicine, University of Calgary, Calgary, AB, Canada



## RFD007

Intermittent carriage of antibiotic-resistant organisms and enteric pathogens among healthy fecal microbiota transplant donors

Connie TY Xie<sup>1</sup>, Kathleen Simms<sup>1,2</sup>, Golnoush Akhtari<sup>1</sup>, Ceylon Simon<sup>1</sup>, Shaista Anwer<sup>1</sup>, Bryn Hazlett<sup>1</sup>, Jordan Fruitman<sup>1,2</sup>, Melissa Kissoon<sup>1</sup>, Satyendar Singh<sup>3</sup>, Susy S Hota<sup>3,4</sup>, Susan M Poutanen<sup>1,4</sup>

<sup>1</sup>University Health Network/Mount Sinai Hospital, Department of Microbiology, Toronto, ON, Canada; <sup>2</sup>Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada; <sup>3</sup>Infection Prevention and Control Department, University Health Network, Toronto, ON, Canada; <sup>4</sup>Department of Medicine, University of Toronto, Toronto, ON, Canada

## RFD008

Examining the impact of a risk-based approach to active surveillance and isolation for Vancomycin-Resistant Enterococcus

Jessica Kociper, Alon Vaisman

University Health Network, Toronto, ON, Canada

## RFD009

Carbapenemase Producing Enterobacterales in Canada 2010-2024 - Data from the Canadian Nosocomial Infection Surveillance Program (CNISP)

Laura Mataseje<sup>1</sup>, Erin McGill<sup>2</sup>, Yves Longtin<sup>3</sup>, CNISP CPO Working Group<sup>2</sup>

<sup>1</sup>National Microbiology Laboratory, Winnipeg, MB, Canada; <sup>2</sup>Public Health Agency of Canada, Ottawa, ON, Canada; <sup>3</sup>Jewish General Hospital, Montreal, QC, Canada

## RFD010

Streamlining respiratory virus diagnostics: a workflow and performance comparison of cobas® respiratory flex versus a tiered laboratory-developed automated testing algorithm

Andrew Giugno<sup>1</sup>, Shannon Schofield<sup>1</sup>, Hanh Tran<sup>1</sup>, Fatimah Almutawa<sup>1,2</sup>, Johan Delpont<sup>1,2</sup>, Sameer Elsayed<sup>1,2</sup>, Jeffrey Fuller<sup>1,2</sup>, Ruchika Gupta<sup>1,2</sup>, Fatima Khalil-Clair<sup>1</sup>, Allie McBride<sup>1</sup>, Ana Cabrera<sup>1,2</sup>

<sup>1</sup>Pathology and Laboratory Medicine, London Health Sciences Centre, London, ON, Canada; <sup>2</sup>Schulich School of Medicine and Dentistry, Western University, London, ON, Canada



# Author Index

Author name	Program Codes
(CIRN), for the Canadian Immunization Research Network Investigators	P207
Aasen, Amy	P008
Abdulkadir, Pearl	<u>RFC002</u>
Abidi, Samina	P007
Abidi, Syed R	P007
Abouanaser, Salaheddin	RFA009
Abouseada, Noha	<u>P129</u>
Ackerley, Cassie G	<u>B05</u>
Adam, Heather J	P025, P028, P030, P050, <u>P108</u> , P110, RFB003
Adams, Janica	P162
Adeli, Sam	P180
Afra, Kevin	P011, P105
Afshar, Avideh	<u>P220</u>
Aftanas, Patryk	P127, P184, RFC008, RFD004
Ag Bazet, Mariam	P154, P203
Agarawal, Aditi	P079
Ahmed Bentley, Jasmine	P130, P133, P135
Ahmed, Seher	P079
Ahmed, Usman S	P096
Ainsworth, Craig	P097
Akhtari, Golnoush	P044, P056, P149, P151, RFD007
Aktari, Golnoush	P157
Al Baluki, Thuwiba	P067
Al Mutawa, Fatimah	P162
Alam, Mosaab	P037
Alamro, Bayan	P046, P172
Alanazi, Alhanouf	<u>P162</u>
Alblooshi, Fatmah	P194
Alcock, Brian P	<u>D05</u>
Alena, Tse-Chang	CR04
AlEnazi, Awatif F	<u>P046</u>
Alexander, David C	<u>P041</u> , P152
AlFadhel, Abdulla A	P076
Alger, Nicholas E	<u>P177</u>
Alhekail, Othman	RFB002
Ali, Faisal	<u>P200</u>
Ali, Karim	P176
Ali, Mohamad	P148
Aljama, Mohammed A	P088

Author name	Program Codes
Allam, Mushal	P039
Allard, Johane	P044
Allen, Jean	P201
Allen, Upton	P192
Allen, Vanessa	P086, P212
Almarzooq, Farah	P039
Almodahka, Abdulrahman	<u>P078</u> , <u>P181</u> , <u>P182</u>
Almohri, Huda	P167
Almutairi, Ashwaq Menwer	P076
AlMutawa, Fatimah	P140, P185, RFB009, RFD010
AlQalayta, Lama	P085
Alruqaie, Nourah I	<u>P092</u>
Alsharrah, Danah	<u>P015</u> , <u>P017</u> , <u>P189</u> , RFC006
Alsulami, Khlood Ali	P075, P091
Alyammahi, Ebraheim SMS	P081
Alyssa, Golden	A04
Alzarnougi, Elaf	P067
Amaral, Geneviève M	<u>P048</u> , <u>P146</u>
Anderson, Margaret V	<u>P003</u>
Andrade, Janice	P103
Anil Kumar, Shreya	P168
Anipindi, Varun	P114
Annane, Guiva	<u>A02</u> , P035
Anokye, Francis	<u>A05</u>
Anugom, Ima	<u>P144</u> , <u>P186</u> , <u>P190</u>
Anwer, Shaista	P044, RFD007
Arbour, Laura	P201
Archutick, Jerrid	P229
Armstrong, Irene	P212
Armstrong, Thomas	D03, P194
Arrabi, Amjad	P070, P226
Arthur, Jacqueline	RFB008
Ashfaq, Samar	P106
Ashrafinia, Narges	P180
Asselstine, Sophie	D04
Avaness, Melisa	<u>RFB010</u>
Avery, Ellen G	P155, P180, P227
Ayeni, Emmanuel A	RFC007
Babuadze, George	P101
Bacterial Diseases Network, Toronto Invasive	P211, P212

Author name	Program Codes
Bader, Mazen S	CR01
Bagga, Ruchika	P140, <u>P185</u>
Bahadorani, Kamran	<u>P115</u>
Bai, Anthony D	P067
Ball, Brianna	<u>RFA008</u>
Balouchi, Mahrokh	RFA007
Baloul, Dihya	P033, P111, RFC010
Ban, Joann	RFD005
Banete, Andra	<u>P202</u>
Baqi, Mahin	P212
Barkati, Sapha	P183, RFC005
Barker, Kevin R	P153, P212
Barrett, Michael	P005
Bartlett, Sofia	P208
Bartoszko, Jessica J	P024, P069, P079
Basque, Dominique	P220
Bastedo, Patrick	P041, P068
Bastien, Nathalie	P128
Bastos, Mayara L	P229
Bateman, Justin	P186
Baxter, Melanie R	<u>P022</u> , <u>P025</u> , <u>P026</u> , <u>P029</u> , <u>P028</u> , <u>P030</u> , <u>P108</u>
Bayer, Giuliano	P115
Beauchemin, Stéphanie	P154, P203
Bedard-Lapointe, Olivier	P071
Beitari, Saina	<u>P137</u> , <u>P158</u>
Bekal, Sadjia	P033, P058, P111, RFC010
Belanger, Corrie R	<u>P112</u> , <u>RFB002</u> , <u>RFB006</u>
Belcher, Jen	P100
Bentley, Erin	P207
Berenger, Byron M	D02, <u>RFD002</u>
Berhane, Yohannes	P128
Bermudez, Melanie	<u>P020</u>
Bernaquez, Isabelle	<u>P033</u> , <u>P058</u> , RFC010
Bernard, Brittany	A02, P035
Bhalla, Janhavi	P022
Bharat, Amrita	P033, RFB008
Bhavrao, Vijay	P039
Bialachowski, Anne	P176
Binti Ramly, Bazlin	<u>RFA001</u>



# Author Index

Author name	Program Codes
Biondi, Mia	P208
Bishara, Ahmed	P162
Bitnun, Ari	P051, P082, P212
Black, Emily K	<u>P007</u> , <u>P215</u>
Blackburn, Julie	P040
Blank, Gabriel	<u>P082</u>
Blouin, Valérie	<u>P223</u>
Boissonneault, Vincent	P154
Bolaji, Ayo	P152
Bondy, Lise	<u>P008</u>
Bone, Jeffrey N	P191, P201
Bonnar, Paul E	C02, P007, P018
Bordeleau, Nadia	P203
Borgia, Sergio	P027, P029, P212
Boulé, Jack	P056, <u>P148</u> , <u>P149</u> , P151, P156, P157
Bourdeau, François	RFA010
Bowes, Jennifer	D03, P194
Brabant-Kirwan, Danielle	P153, P227, RFC004
Bradley-Ridout, Glyneva	P009
Brahmi, Anissa	<u>P083</u> , RFA008
Brar, Zayn	P187, P196, <u>RFC001</u>
Brassard, Daniel	P125
Brasseur-Masse, Justine	A02, P035
Braukmann, Thomas	P086
Brewer, Angela	P163
Brochu-Turgeon, Ariane	<u>P154</u>
Broderick, Conor J	<u>P011</u> , P104, P105
Brophy, Jason	D03, P164, P194
Brown, Kevin A	B04, P009, RFA003
Brown, Leah A	<u>P126</u>
Brown, Nathalie	P031
Bruce, Laura	D01
Buchan, C Arianne	RFA006
Buchan, Sarah	P207
Buchanan, Francine	P191
Bui, Yen-Giang	P223
Bullard, Jared	P152
BuMurah, Noor N	<u>P057</u> , P162
Burgess, Sarah	C02
Burns, James E	<u>P139</u> , P170

Author name	Program Codes
Burton, Catherine	P192, P199
Byrd, Rosalind	B05
Byrne, Constance	P161
Bélanger-Trudelle, Émilie	P111
Cabrera, Ana	P140, P153, P159, P185, <u>RFB009</u> , <u>RFD010</u>
Cahill, Julia A	<u>P093</u>
Cahill, Nicholas	P205
Cameron, Jenene	P056
Campbell, Shericia	B05
Campigotto, Aaron	P138, P153, P191, P195, P202, P212, RFA008, RFD004
Canadian HCV Diagnostics Working Group, On behalf of	P208
Candon, Heather L	P168, P171, RFB010
Capistran, Ève	P031
Cardinal, Mikhail-Paul	RFA010
Carroll, Amanda	RFA006
Carroll, Maureen	P205
Carson, Claire	P143, P166
Carson, Julie	<u>P165</u> , RFD006
Castellani, Lucas	P001, RFA003
Castonguay, Mathieu	P094
Cecyre, Bruno	P040
Cedilotte, Lyne	RFC005
Chagla, Zain	P022, P026, P176
Chakrabarti, Sumon	P212
Chambuso, Ramadhani	<u>P039</u>
Chan, Christina K	P168, P171
Chan, Tiffany	P168, P170
Chandran, Aruna Uma	P181, P182
Chang, Chia-Yuan	B04
Chang, Yin	P103
Chanou, Nad-Rath	P154, <u>P203</u>
Charles, Marthe K	P112, P121, P130, <u>P133</u> , <u>P135</u> , RFB002, RFB006
Charlton, Carmen L	P142, P228
Chawla, Rupesh	P045, P143, P197
Chen, Danny	P167, P211
Chen, Holly	P004
Chen, Justin Z	P003, P095
Chen, Tammy	P161

Author name	Program Codes
Chen, Yan	P139
Cheng, Matthew P	P075, P091, P183
Cheng, Zhenyu	A01, C01
Chestley, Taeyo	<u>P128</u>
Cheung, Amanda	P097
Cheung, Branco	P161
Cheung, Martin	P136, P145
Chew, Caitlin	P161
Chinybayeva, Leila	P172
Choi, Kelly	P024
Chorton, Samuel	P161
Chow, Barbara	RFD006
Christensen, Brandon	RFB001
Christianson, Sara	P041
Chuang, Erica	B04
Chui, Linda	D02, RFD002
Ciccotelli, William	P176
Cloutier, Justin	P083
Coccimiglio, Logan	<u>P001</u>
Colquhoun, Ken	P176
Comeau, Jeannette L	D03, P007, P194, <u>P207</u>
Conly, John	P021, P024, RFD003
Connors, William J	P022, <u>RFB005</u>
Conrad, Kabali	P014
Conroy, Andrea	D03
Conway, Jennifer	P199
Cook, Victoria J	P036
Cooper, Curtis	P163
Cortez, Gabrielle Angelo P	P225
Costales, Cristina	P137, P158
Costiniuk, Cecilia	P163
Coulomb, Janie	C03
CPO Working Group, CNISP	RFB008, RFD009
Crevier, Benoit	A02, P035
Croxen, Matthew A	D02, P047, P106
Curotte, Maxime	P091
Curran, Jennifer	P007
Curran, Michael	P217
Cvetkovic, Anna	CR03, P069
Cyr, Louis	P163



# Author Index

Author name	Program Codes
Dahal, Rajan Kumar	<u>P042</u>
Daley, Peter	D01, P005, P006, P213, P217, P218
Dalton, Dan	RFA003
Daneman, Nick	B04, RFA003
Datta, Rohini	D03, P191, P194
Davidson, Ross J	P169
Davis, Ian	P043, P094
Dawson, Felecia	P056
de Fátima Palma, Maria	P205
De Luca, Domenica G	P179, <u>P187</u>
Deans, Gregory D	P222
Deforce, Koen	P205
Dehmiwal, Satyender	P044
Dejardins, Marc	P227
Delisle, Benjamin	P068
Delport, Johan	P140, P185, RFB009, RFD010
Demers, Anne-Marie	P040
Deng, Daisy	CR01
Desai, Karan	P056, P148, P149, <u>P151</u> , <u>P156</u> , <u>P157</u>
Desai, Sunil	P199
Desjardins, Marc	P066, P119, P153
Deslandes, Vincent	P013, RFA002
Desrosiers, Jean-François	P223
Desruisseaux, Claudine	P133
Dhami, Rita	P022, P027
Dhhar, Gousia	P081
Diaz L'Hoeste, Julio	P196
Dien Bard, Jennifer	P137, P158
Diggle, Matthew	D02, P144
Dingle, Tanis C	<u>B02</u> , D02, P021, P095, P165, P186
Dinh, Queenie	RFB005
Dixit, Devika	D03, P165, P194
Dong, Chaoran	P195
Donkersteeg, Rachel	P066, <u>P119</u> , P129
Doualla-Bell, Florence	<u>P111</u>
Douglas, Josh	RFB005
Dow, Gordon	P027
Downing, Mark	RFD003
Dozois, Charles	RFC010

Author name	Program Codes
Drost, Sarah A	P003
Druken, Rebecca	<u>RFB001</u>
Dryden, Michael	P125
Dubé, Eve	P210
Duceppe, Marc-Alexandre	RFA005
Dufresne, Philippe	P183
Duhaime, Chris	P136
Duncan, D Brody	P067, <u>P134</u> , RFC002
Dunn, Kathleen	RFB008
Dunn, Shenna	D03
Dust, Kerry	P152
Duval, Laure	P163
Duvvuri, Venkata R	P086
Dwilow, Rachel	P201
Eagle, Shannon	P041
Eames, Laura	P176
Edward, Jane	P176
Edwards, Brett	P165
El-Haffaf, Ibrahim	<u>RFA005</u>
Elliott, Susan N	RFD001
Ellison, Jennifer	P024, RFD003
Elmikaty, Mona	P196
Elsayed, Sameer	P057, P140, P185, RFB009, RFD010
Elwood, Chelsea	P103
Embil, John M	P024, RFD003
Embree, Joanne	P201
Emdin, Fiona	RFA003
Ephtimios, Issa E.	RFD001
Eplett, Justin	P168
Erdman, Laura K	CR03, D03, <u>P069</u> , P194
Evans, Bryan	P093
Faheem, Amna	P167
Faisal, Nabiha	P229
Falatah, Yara	P189
Falzarano, Darryl	RFA007
Fan, Sabrina	P163
Farooqi, Lubna	P102
Farrar, Daniel	P191
Fatima, Zareen	<u>P054</u> , P179, RFC001

Author name	Program Codes
Fattouh, Ramzi	P125, P153, P184, P204, P227, RFC004, RFD004
Faucher, Frédéric	P203
Fawcett, Vanessa	P186
Faye, Marie	<u>P217</u>
Fedsin, Stephanie	P044
Feld, Jordan	C03, P208
Feldman, Sid	P171
Feng, Sherrrol	P121
Ferraris, Kieffer	<u>CR02</u> , <u>P038</u>
Ferrato, Christina	B02
Ferri, Dario M	CR01
Finlayson-Trick, Emma CL	<u>P036</u> , <u>RFC003</u>
Fletcher, Colleen	P121, P130
Fogarty, Clare	<u>RFC005</u>
Fonseca, Kevin	P087, P106
Foot, Rachel	P162
Forbes, Arielle	<u>P140</u>
Forbes, Jessica D	P119, P129
Fortin-Moore, Charles-Olivier	P199
Forward, Lucia	P103
Fournier, Juliette	A02, P035
Fralick, Michael	P001
Freire, Gabrielle	P191
Frenette, Charles	RFD003
Fruitman, Jordan	RFD007
Fuller, Jeffrey	P140, P185, RFB009, RFD010
Gaete, Kayla	<u>P127</u>
Gangji, Azim	P076
Gashgarey, Deema	<u>P051</u>
Gaskin, Mark	P042, P134
Gemme, Elodie	D03, P194
Gendron, Ariane	<u>P031</u>
George, Joel	<u>P077</u>
Germain, Marc	B03
Ghanati, Hamed	C03
Gheorghe, Romina	RFC005
Gibbens, Kimberly	D04
Gilbert, Nicolas	P210
Gilchrist, Jodi	P196, RFC001
Gill, John	P087



# Author Index

Author name	Program Codes
Gill, Kara	B02, P106
Gill, Peter J	C05, P191
Gingras, Anne-Claude	P114
Girouard, Gabriel	P022, P027
Giugno, Andrew	RFD010
Glassman, Heather	P121
Gold, Wayne L	P077, P211, P212
Golden, Alyssa R	P025, P028, P108, P211, P212, RFD004
Goldfarb, David M	<u>P161</u> , P200, P201
Golding, George R	P024, P052, RFB008
Goneau, Lee W	P113, P126, P167, RFD004
Gowling, Jody	P176
Graham, Don	<u>RFB004</u>
Grajales, Ana G	P115
Grant, Jennifer M	P222
Grasa, Katherine	P146
Greenaway, Christina	C03
Greidanus, Paul	<u>P095</u>
Griener, Thomas	D02, P165, RFD002
Groeschel, Michael	<u>RFD006</u>
Gubany, Charlotte	D03
Gubbay, Jonathan B	P161, P200
Guilbault, Élizabeth	P154
Guo, Jimin	P125
Gupta, Ruchika	RFB009, RFD010
Guthrie, Jennifer L	P052, P053, RFC007
Haavaldsrud, Michelle	P220
Habibi, Alireza	P046
Haghshenas, Ehsan	P029
Hahn, Elan	P101
Hall, Charlotte	P206
Hall, Clayton W	CR01, P054, P067, P179
Halperin, Donna	P207, P215
Halperin, Scott	P207, P215
Halweg, Brayden	P026
Hammad, Muhammad	P026
Hampton-Hampejskova, Lindsay	P176
Hamula, Camille	P120, P143, P166
Han, M	P191

Author name	Program Codes
Haraoui, Louis-Patrick	P035
Harn, Tony	P103
Hasan, Mohammad R	P054, P070, P179, P187, P196, P226, RFC001
Hassan, Kazi	P212
Hassan, Montaha	P206
Hatchette, Samuel F	<u>A01</u> , A04, C01
Hatchette, Todd F	P086, P122, <u>P219</u>
Hawkes, Michael T	D03, P194
Hazlett, Bryn	P044, RFD007
He, Henry	P079
He, Shu-Mei	P055, P155, P180, P227
Hedley, Adam	<u>P152</u>
Heendeniya, Amila	P050, P083
Heinstein, Charles	P122, P169
Heng Shi, Zong	P067
Henni, Amina (Sarah)	P089
Hermiz, Daniel	P053
Hiebert, Joanne	P106
Higgins, Rachel	P031
Himaras, Yiannis	P037
Hird, Trevor	P036
Hobman, Tom C	RFA007
Hogan, Catherine A	<u>P136</u> , P145, P200
Hookey, Lawrence	P180
Hoop, Tara	P027
Hopkins, Sarah	P180
Hota, Susy S	P024, P044, RFD007
Houston, Kelsey	D04
Howard, Caitlin	P052
Hughes, J Mariah	C02, <u>P072</u> , <u>P073</u>
Hum, Emily	P058
Humble, Robin	P210
Hummel, Brian	P096
Hurfurd, Amy	A05, D01
Huynh, Geraldine	<u>D03</u> , <u>P192</u> , <u>P194</u>
Héon, Marie-Noëlle	P111
Imperial, Miguel	P161, P200
Irfan, Neal	P022, P026, P027
Isabel, Sandra	D03, P194, RFA008

Author name	Program Codes
Isenor, Jennifer E	P215
Islam, Farhana	C05
Islam, Md Rashedul	<u>P068</u>
Israelian, Lori	<u>P085</u>
Jackson, Colleen	P122
Jackson, Jessica	P040
Jacobsen, Maja	P180
Jaeckel, Marta	P200
Jamal, Hassan	P051
James, Ashley	P168
Janjua, Naveed	C03
Janusz, Nicole	RFA006
Jason, Tracey	RFD001
Jassem, Agatha N	P103, P161, P208, P225
Jawdat, Talal	<u>P016</u>
Jayarathne, Padman	P054, P085, P179, P187, RFA009
Jeffs, Mitchell A	<u>P067</u>
Jeimy, Samira	P008
Jeong, Esther	P009
Jetty, Radha	P201
Jia, Yi Zhen	P046
Jimenez, Angeles	P116, P117
Jissam, Ali	P042
Johanson-Bennet, Vivian	<u>P155</u>
Johnson, Amber	P161
Johnson, Deborah	P134
Johnson, Morgan	P128
Johnston, Cara E	<u>P045</u>
Johnston, James C	P090
Johnstone, Jennie	P024, P114, P212
Johnstone, Rochelle	P069
Jorgensen, Danielle	P036
Julkipli, Julia	P162
Juma, Nabilah	P195
Jutras, Philippe	P058
Ka-Fung Lo, Calvin	P067
Kabbani, Dima	P003
Kaczorowski, Janusz	P215
Kakkar, Fatima	P163
Kalina Samji, Dale R	<u>P064</u>



# Author Index

Author name	Program Codes
Kam, April J	P196
Kamien, Jennifer	RFD001
Kandel, Christopher	P102, P212
Kanji, Jamil N	CR04, P087
Kant, Tuana	P191
Karlowsky, James A	P022, P025, P026, P027, P028, P029, P030, P108, P110, RFB003
Kasongo, N Joëlle	<u>P142, P228</u>
Kassee, Caroline	P102
Kassim, Sameer	D03, P194
Katz, Kevin	P024, P102, P184, RFC008, RFD004
Kaufmann, Elisha	P146
Kaushik, Nidhi	RFA007
Kavanoor Sridhar, Kumudhavalli	<u>P001, P204, RFC008</u>
Kayda, Iryna	P201
Kaziev, Caitlyn	P191
Kazmi, Kescha	D03, P194, P202
Keeshan, Alexa	P163
Kekre, Natasha	RFA006
Kendrick, Jennifer	RFA001
Kennah, Michael	RFA006
Kern, Chris	P116, P117
Kestenberg, Shaindel	D04
Keylis, Katy	P208
Keynan, Yoav	P022
Khalil-Clair, Fatima	RFB009, RFD010
Khan, Juveriya Q	RFA007
Khan, Saad	P180
Khan, Sarah	CR03
Khan, Tayyib A	P064
Khoury, Michael	P199
KhunKhun, Rupinder	P036
Kilby, Kyle	P015
Kim, Ashlyn J	RFC007
Kim, David G	P180
Kim, Tae-Hyeong	P125
Kimberlin, David	P192
King, Arianne	P095
Kinshella, Mai-Lei W	<u>P201</u>
Kissoon, Melissa	RFD007

Author name	Program Codes
Kitai, Ian	CR03, P082, P195, P212
Kits, Kerim	<u>P125</u>
Kleinman, David R	P181, P182
Knox, Natalie	P041
Kochan, Matthew	<u>P050</u>
Kociper, Jessica	RFD008
Komolafe, Rhoda D	P088
Kosar, Justin	P027
Kozak, Robert A	P101, P114, P127, P153, P155, P159, P168, P170, P184, P208, P227, RFA007, RFB010, RFC004, RFC008, RFD004
Krajden, Mel	P103
Krajden, Sigmund	P211
Krentz, Hartmut	P087
Krishnan, Anish	<u>P037</u>
Kronfli, Nadine	P183
Krueger, Carsten	D03, P015, P016, P194
Kucey, Melissa	P022, P026, P027
Kuch, Melanie	P205
Kula, Brittany	P186
Kumar, Anil	RFA007
Kus, Julianne	P212
Labbe, Genevieve	P068
Labbé, Annie-Claude	P154, P203
Labelle, Chloé	P154
Lagacé-Wiens, Philippe	P030, P041, P110, RFB003
Lagana-Teyssier, Anaïck	P203
Laham, Federico	P192
Laird, Sophia	<u>C05</u>
Lalji, Fawziah	P215
Lam, Ray	P082, P195
Lampitoc, Marianita	P176
Landry, Marc-Antoine	CR04
Landry, Selena	<u>RFC010</u>
Lang, Amanda	P143
Lang, Raynell	P087
Langford, Bradley J	B04, P009, P020, RFA003
Langleben, Ian B	<u>RFA003</u>

Author name	Program Codes
Langlois, Marie-Chantal	P042
Larocque, Sabrina	A02, <u>P035</u>
Lauriente, Tanna J	<u>P199</u>
Lauzon, Matthew	P165
Lawandi, Alexander	P075, P091
Lawson, Tanya	P146
Leal, Jenine	P177
LeBlanc, Jason J	A01, A04, C01, P094, <u>P122, P123, P169, P219</u>
LeCates, Abigail	B05
Ledger, Marissa L	<u>P054, P179, P205</u>
Lee, Anna	P026
Lee, Audrina	P145
Lee, Bonita E	D03, P194, RFD003
Lee, Diane	RFD003
Lee, Mao-Cheng	P186
Lee, Samantha	RFA003
Lee, Sunghoon	<u>P175</u>
Lee, Todd C	<u>P075, P091</u>
Lee, Yaejin	<u>P102</u>
Lee, Yerin R	C04
Lefebvre, Maxime	<u>P167, RFD004</u>
Leis, Jerome A	P168, P170, P171, RFB010, RFD003
Leite, Tamara	RFA006
Lennea, Jadyne	<u>P089</u>
Lerminiaux, Nicole	P024
Leto, Daniela	P054, P085
Leung, Elizabeth	P009
Leung, Valerie	B04, RFA003
Leung, Victor	P046, P172
Lewin, Antoine	B03, P214
Li, Angel	P167, RFD004
Li, Haotao	P020
Li, Heidi	P168, <u>RFD004</u>
Li, Jeremy	<u>P229</u>
Li, Lynne	P161
Li, Michael WZ	A05
Li, Nicole	P067
Li, Xena X	P024, P067, P127, P184, RFC008
Libman, Michael	RFC005



# Author Index

Author name	Program Codes
Lieu, Anthony	RFB002, RFB006
Ling, Sean	RFB006
Lingley, Michael	P211
Linkenheld, Amber L	<u>P168</u> , <u>P170</u> , RFB010
Lishman, Hannah	B04
Liu, Heping	C04
Liu, Suefay	RFB006
Lloyd, Tammy	P027
Lo, Calvin KF	P222
Lo, Carson KL	P067, P076, P081, P088
Lo, Mandy	P103
Locher, Kerstin	P112, RFB002, RFB006
Loder, Allana	A04, C01
Loeb, Mark	P014, P079
Lohans, Christopher T	P049, P067
Lomax, Alan	P055
Long, George S	<u>P086</u>
Longtin, Yves	RFB008, RFD003, RFD009
Lopez, Alison	D03, P194
Lopez-Orozco, Joaquin	RFA007
Lothar, Sylvain A	P083, P229
Lovinsky, Reena	P211
Lowe, Christopher F	P145, P146, <u>P172</u>
Lu, Bonnie	<u>CR01</u>
Lu, Jacky	P158
Lu, Rainy	P140
Luk, Danielle	P225
Lynch, Tarah	D02, <u>P106</u>
Léveillé, Mélissa	P203
Löffler, Anne	C05
Ma, Angela	P082
Maan, Evelyn	P103
MacBain, Elspeth	P161
MacDonald, Clayton	P153
MacDonald, James	P122, P169
Macdonald, Liane	P212
MacDonald, Shannon E	<u>P210</u>
MacFadden, Derek	RFA006
Mack, Ben	P024
MacLaggan, Timothy	P022

Author name	Program Codes
MacPhee, Brian	B01
Maguire, Finlay	P127, RFC008, RFD004
Magyar, Matthew	P040
Mahant, Sanjay	C05, P191
Maholtra, Deepa	P115
Mailhot, Victoria	D03
Major, Maria	<u>P100</u>
Major, Nicole	<u>P180</u>
Malden, Debbie	P100
Malhi, Ranu	P096
Mallett, Victoria	<u>P055</u> , P180
Mamun, Abdullah Al	P115
Manios, Rachel	P191
Mannette, Jessica	P207
Mansour, Sarah	P095
Manzi, Giorgio	P205
Maramba-Lazarte, Cecilia	P038
Marcovici, Lisa	P171
Marra, Fawziah	B04
Marshall, John	P125
Marshall, Natalie C	B01
Marsot, Amélie	A02, P035, P164, RFA005, RFA010
Martin, Irene	A04, P025, P028, P108, P211, P212, RFD004
Martin, Philippe	P031
Marttala, Sarah	P187, P196, RFA009, RFC001
Masse, Vincent	P031
Masud, Shazia	P078, P222
Mataseje, Laura F	P024, P167, <u>RFB008</u> , <u>RFD009</u>
Mateen, Mojgan	P119
Mathews, Abigail G	<u>P195</u>
Matic, Nancy	P048, P145, P146
Matukas, Larissa M	<u>P009</u> , P153, P167, P211, RFA003
Mawdsley, Kristen A	P049
Maze dit Mieusement, Lorraine	P168, RFB010
Mazoukh, Cenarit	P113
Mazzulli, Tony	P056, P148, P149, P151, P157, P167
Mbuagbaw, Lawrence	P014

Author name	Program Codes
McAllister, Mark	P095
McArthur, Andrew G	D05
McBride, Allie	RFB009, RFD010
McCauley, Katherine	P165
McClymont, Elisabeth	P103
McCracken, Gregory R	A01, A04, C01, P043, P123, P169, P219
McCracken, Melissa	P024
McCullough, Emily	B01
McDonald, Gerald	P005, P006, P026, P027
McDonnell, Nicole	P165
McGeer, Allison	P052, P102, RFD004
McGill, Erin	RFD003, RFD009
McGillivray, Helen	P001
McIsaac, Kathryn	P007, P207
McKinnon, Lyle	P152
McKnight, Niel	P056
McMillan, Jacqueline	P087
Mehta, Ninad	P120, <u>P143</u> , P166
Melano, Roberto G	P167
Merckx, Joanna	P220
Mertz, Dominik	P014, P069, P079, <u>P176</u> , RFD003
Metha, Ninad	P045
Mhapankar, Gunjan	D03, P194
Miao, Tyson	P222
Micarelli, Ileana	P205
Mihuc, Sam	<u>C04</u>
Milot, Christine	B03
Miners, Amber	P201
Minion, Jessica	P086
Mirzanejad, Yazdan	P022, P026, P029, P222
Mitchell, Hana	RFA001
Mitchell, Piers	P205
Miville-Godin, Caroline	P125
Mizen, Sara	P215
Mohamed, Fatema	D03, P194
Mohamed, Yehia	P039
Mohammad, Hasan	P085
Mohammed, Halle	<u>P053</u>



# Author Index

Author name	Program Codes
Mohiuddin, Qasim	P173
Mok, Merisa	P222
Money, Deborah	P103
Monti, Emma	P067
Moon, David	<u>P087</u>
Mora Ochomogo, Montserrat	<u>P049</u>
Morgan, Conall Thomas	P092
Morin, Estelle	CR02
Morris, Shaun	D03, P191, P194
Morrow, Bryan	<u>P110</u>
Morshed, Muhammad	P086, P103, P200
Mortimer, Leanne	A03, RFA006
Moss, Stephana J	P207
Mourad, Omar	CR01, P097
Mtaweh, Haifa	P191
Mubareka, Samira	P102, RFC008
Muller, Matthew	P211, P212
Murchie, Tyler	P205
Murphy, Valerie	C02, P018
Musaji, Andrei	P146
Márquez, A Citali	P103, <u>P225</u>
Métras, Marie-Élaine	P164
Nadarajah, Jeya	P212
Naeem, Faheel	RFC005
Naghbosadat, Maedeh	P127, RFC004
Naghbosadat, Maya	<u>P101</u>
Nakhle, Rita	P055
Nanji, Kean	P088
Narula, Sonia	P195
Nasreen, Tania	<u>P047</u>
Nassif, Christina	P125
Nazarali, Samina	P008
Ndao, Momar	RFC005
Neale, Mackenize	P086
Neish, Calum	P100
Nemer, Ameera A	P067, <u>P076</u>
Neumeier, Sydney	P190
Newman, Tara	P036
Nguyen, Le Minh An	P196
Nguyen, Thanh	P195
Nguyen, Van Dong	<u>RFA010</u>

Author name	Program Codes
Nightingale, Natalie	P100
Nikiforuk, Aidan	P103
Nuri, Khuloud	P176
Nzula, Sazini	P115
O'Reilly, Peter J	P202
Obeda, Michael	P071
Oberai, Anjali	RFA003
Ogunkoya, Oluwalade	P067
Olaer, Lydia	P136
Olawoye, Idowu B	P052, P053, <u>RFC007</u>
Oliver, Craig	P169
Oliver, Shannon	P199
Orgel, Etan	P137, P158
Oriahi, Ifeoma	P177
Orkin, Julia	C05
Ostrowska, Krystyna	P167, P211
Ostrowski, Mario A	P204
Otal, Jaskiran	P082
Otu, Akaninyene A	<u>P019</u> , <u>P206</u>
Ouyahia, Anis	A02, P035
Oyejide, Motunrayo	P196
O'Brien, Jaclyn	<u>P171</u>
Pabbaraju, Kanti	B02, P106
Palmay, Lesley	P029
Palogan Nelmidia, Dazel	P171
Papenburg, Jesse	P201
Parekh, Purvi	P121
Parks, Alexandra	P126
Parsonage, Jennifer	P024
Parsons Leigh, Jeanna	P207
Parsons, Brendon D	<u>D02</u>
Patel, Aanal	C04
Patel, Samir N	P086, P167
Patel, Yesha	P151, P156
Paterson, Nicole	A01, A04, <u>C01</u>
Pathan, Tanvir	RFC008
Patrick, David M	B04
Patriquin, Glenn	P043, P073, P094, P169
Pavalagantharajah, Sureka	P082, P096
Pavri, Farzan	P134

Author name	Program Codes
Pawa, Jasmine	P201
Payne, Michael	P048, P145, P146, P172
Peermohamed, Shaqil	<u>P004</u> , RFB005, RFC003
Pejkovska, Mare	P102, <u>P212</u>
Pellet Madan, Rebecca	P192
Pelte, Nadège	P114, P153, P159
Pennell, Julia	P217
Perkins, Myriam	D03
Pernica, Jeffrey M	D03, <u>P096</u> , P194, P196
Pettipas, Janice	A04
Peña-Chocarro, Leonor	P205
Phibbs, BJ	P176
Piché-Renaud, Pierre-Philippe	P092, P211, RFA008
Pickering, Andrea	P128
Pieroni, Peter	P110, P188
Piessens, Eva	P085
Pillay, Prashanth	P166
Pilote, Émilie	<u>P164</u>
Plitt, Sabrina S	P142, P228
Poinar, Hendrik	P205
Pokraka, Krystyna	P229
Polsky, Ariela	A01, <u>A04</u> , C01
Poncelet, Lucas	P125
Porter, Charlene	P130, P133, P135
Porter, Luke	P006
Posch, Leila C	P137, P158
Pote, Marie	P156
Pothiraj, Jayalakshmi	<u>P196</u>
Poulin, Sébastien	P022
Poutanen, Susan M	C04, P044, P056, P114, P139, P148, P149, P151, P153, P156, P157, P159, RFD007
Press, Natasha	P046
Pritchard, Emily	<u>C02</u> , <u>P018</u>
Pua, Shiloh M	P045
Purewal, Rupeena	P045, P197
Purrnell, Andrew	RFA006
Puzniak, Laura	P100
Quach, Caroline	RFD003



# Author Index

Author name	Program Codes
Quan, Curtis	P017, P021, RFC005, RFC006
Quon, Bradley S	P048
Rabari, Jay	P093
Rad, Jaber	P007
Rahimi, Manija	RFC008
Rahimi, Reza	P022, P162
Rajakumar, Irina	P017, RFB001, RFC006
Rajda, Ewa	P183
Ramlackhan, Kalisha	B04
Ramsey, Tasha	P215
Ranadheera, Charlene	P128
Randhawa, Navkiran	B01
Rau, Neil	P211
Raza, Syed	P213
Razak, Fahad	C05
Rea, Elizabeth	D04
Rebbapragada, Anu	P167
Rebelo, Robert	P149, P151, P156
Redos, Curtis	P158
Reed, David	P055
Reid, Emma K	C02, P018
Reifferscheid, Laura	P210
Reimer, Aleisha	P041
Reimer, Mandy	RFB008
Renaud, Christian	B03, P214, RFA008
Rennert-May, Elissa	P021
Renoux, Christel	C03
Restall, Ian	P070, P226, RFA009
Retzlaff, Silke	P117
Reuss, Senta G	RFB002
Riabowol, Karl	P087
Ribic, Christine	P076
Ricciuto, Dan	P212
Rice, Candace	P205
Richard-Greenblatt, Melissa	P064, P082, P195, P202
Richards, Ceri	P139
Richardson, David	P211
Riopel, Nicholas D	P090
Rivard, Alexandre	RFA010

Author name	Program Codes
Rivard, Chantal	P154
Rizarri, Chris	P156
Roberts, Surain	C05
Robertson, James	P068
Robertson, Peter	A01, C01
Robinson, Alyssia	P200
Robinson, Angella	P177
Robinson, Joan	CR04, D03, P192, P194, P201
Rodrigues, Mabel	P036
Rohamare, Megha	RFA007
Rojas-Vasquez, Marta	P199
Rolf von den Baumen, Teagan	P027
Romney, Marc G	P048, P145, P146, P172
Ronbinson-Gonzalez, Pilar	P007
Rosario, Carla	P171
Rottengatter, Karin	P116, P117
Routy, Jean-Pierre	P163
Rowan, Erica	P205
Roye-Green, Karen	P056
Russell-Tattrie, Audra	P169
Rust, Victoria	P229
Rutherford, Candy	P042, P054, P070
Rybuchuk, Josephine	P120, P143, P166
Saatchi, Ariana	B04
Sabuda, Deana	P021, RFC006
Sadarangani, Manish	P103, P191, P201
Saffie, Medina	P176, P212
Sahota-Leask, Dolly	P169
Sajan, Jaskiran	P200
Sales, Valerie	P211
Salhi, Lila Naouelle	P111
Salter, Katherine	P207
Salvadori, Marina	D03, P194
Sampson, Caitlin	C02, P072
San Jose, Emmanuel	P171
Sanche, Stephen	P093, P143
Sanchez, Camilo	C04
Sander, Beate	C03
Sandhu, Ravneet	P177
Sandstrom, Paul	P208

Author name	Program Codes
Sandstrom, Teslin S	P138
Sarty, Darren	P122
Sauve, Laura	P161
Saxinger, Lynora	P003
Sbihi, Hind	P103
Scerbo, Marco	P041
Scheier, Thomas C	P176
Schellenberg, John J	P025, P028, P108
Schmidt, Kristin	P022
Schoer, Karin	P156
Schofield, Shannon	RFB009, RFD010
Schwartz, Kevin L	B04, RFA003
Science, Dr. Michelle	P195
Scott, Darcy	P201
Seaton, Claire	P191
See, Kaitlin	P194
Seet, Bruce	RFD005
Sekirov, Inna	P036, P103
Selig, Bailey M.	P207
Selvakumar, Shamini	P196
Semeria Maitret, Tamara A	P228
Senechal, Jaxon	RFA006
Serbanescu, Mihaela A.	P113
Serebryanskyy, Alex	P022, P026, P027
Shajari, Salomeh	RFC003
Shakeraneh, Shayan	P172
Sharma, Meenu	P068
Sharma, Sakuntla	P136
Shaw, Helen	P176
Shaw, Souradet	P152
Shchebanik, Kiarah	P022, P071
Sheehan, Nancy L.	P164
Sheffield, Holden	P201
Shen, Ye	P201
Sherman, Athena DF	B05
Sheth, Prameet M	P055, P067, P127, P155, P159, P180, P227, RFC004
Shi, Zhan	CR04
Shigayeva, Altynay	P211
Sidig, Sali	B01
Silverman, Michael	B04, P022, P162, P176, RFD001



# Author Index

Author name	Program Codes
Simard, Chantale	RFA005
Simms, Elizabeth	A04, P043, P073
Simms, Kathleen	RFD007
Simon, Ceylon	P044, RFD007
Singh, Nishant	P086
Singh, Satyendar	RFD007
Sivakumar, Vaishnav	P009
Sjaarda, Calvin	P127, P155, P227, RFC004
Slyater, Kathryn	P007, P215
Smieja, Marek	P054, P070, P159, P179, P187, P196, P226, RFA009, RFC001
Smith, Stephanie W	P003, P024, P095, P175, P177, RFD003
Soon, Kayla	P125
Soualhine, Hafid	P068
Soutar, Craig	P120
Spagnulo, Maria	C03
Srigley, Jocelyn A	P161
Stankus, Vida	P022
Stefanova, Isabella	P097
Stefanovic, Aleksandra	P048, P145, P146, P172
Stein, Derek	P136, P152
Stein, Markus	P050, P110
Steiner, Theodore S	RFD001
Stevens, Emilie	P078
Stewart, Evan	P052, P053, RFC007
Stewart, Jackson J	P003
Stewart, Samuel	P007
Stokes, William	P142, P190
Su, LingHui D	P136, P145
Suh, Kathy	P024
Sultana, Asfia	P211
Sun, Catherine	P197
Surette, Matthew	P196
Swayze, Sarah	RFA003
Sy, Kim	P130, P133, P135
Syrochkina, Maria	P115
Szakacs, Tom	P176
Taboada, Eduardo	P033
Tabrizi, Shirin	C03

Author name	Program Codes
Tadros, Manal	P138, P195, P202, P212, RFA008
Taglione, Robert	RFD005
Tam, Jennifer	P200
Tan, Darrell HS	P225
Tang, Patrick	P145, P146
Tang, Vincent	P121
Tanunliong, Guadalein	P103
Tanzler, April	P048
Taparia, Kritika	P081, P088
Tascini, Carlo	P022, P027
Tat, Jennifer	P121
Taylor, Maegen	RFC007
Teltscher, Marty	P026
Tennant, Matthew	P192
Tennenhouse, Lana G	P094
Terrick, Jodi	P188
Tessier, Jean-François	P022, P026
Tessier-Gagnon, Anael	D03, P194
Thampi, Nisha	RFD003
Thibeault, Catherine	B03
Thiboutot, Zoé	RFA005
Thirion, Daniel	RFA010
Thiruchelvam, Deva	B04
Thivierge, Karine	P136
Thomas, Rhea	D03
Thoms Rodriguez, Camille-Ann	P056
Tipple, Graham	D02, P106
Tirani, Jad	P055, P155, P180, P227, RFC004
Titoria, Reena	RFD003
Tkachuk, Stacey	P161
Tomlinson, Jen	P024
Torchinsky, Miriam B	P112
Toy, Trevor	P015, P016
Tozer, Kyla	P055, P127, P155, P227, RFC004
Tran, Hanh	RFB009, RFD010
Tran, Kenning	P136
Tran, Vanessa	P086
Tsang, Raymond SW	P086, P217
Turenne, Christine	P083, P110, RFB003

Author name	Program Codes
Turner, Cailey	P015
Turner, Suzanne	P069
Tushinski, Daniel	P085
Tyagi, Kartikay	P013
Tyrrell, Gregory J	B02, P047
Umar, Abdulrazak	P229
Ungcharoen, Nutchaya	P206
Urschel, Simon	P199
Usuanlele, Mary-Theresa U	P014
Vaisman, Alon	D04, P173, RFD008
Valadbeigy, Tahereh	P225
Vallieres, Emilie	P040
Vallé, Maud	P086
Van Caesele, Paul	P086, P152
Van Der Meulen, Anna	P208
Van Dierdonck, Hanna	D03
Vandriel, Stephanie	P106
Varia, Monali	P212
Varsaneux, Olivia	RFD003
Vaughan, Joanne	P082
Vayalumkal, Joseph	D03, P189, P194, RFD003
Velapatino, Billie	RFB002, RFB006
Vereecken, Jenny	P140
Veres, Teodor	P125
Verma, Amol	C05
Vermeiren, Christie	P102, P167, P184, P211, RFC008, RFD004
Viel-Thériault, Isabelle	RFA008
Vijh, Rohit	P200
Virani, Alhena	P196
Virdi, Kuldeep	P168
Vitale, Erika	P176
Vulesevic, Branka	P163
Wagtechner, Nicholas	P168, P170, P184, RFB010, RFC008, RFD004
Wagman, Hayley	P191
Wahi, Gita	P196
Waite, Nancy M	P215
Walker, Celia	P201
Walker, John	P136
Walker, Matthew	P041, P058



# Author Index

Author name	Program Codes
Walker, Steve	A05
Walkty, Andrew	P022, P026, P027, P029, P030, P050, P110, RFB003
Wang, Haiyan	P006
Wang, Han Ting	RFA005
Wang, Irene	P100
Ward, Brian	P163
Waters, Kelly	<u>P070</u> , RFC001
Watson, Nicole	P161
Weaver, Victoria	RFB005
Wegscheider, Robert	P091
Weyant, Robert Benson	P079
Whellams, Diana	P011, <u>P104</u> , <u>P105</u> , <u>P222</u>
Whitten, Cindy	P005, P213, P217
Wieler, Jay	<u>P153</u> , <u>P159</u>
Williams, Chantal	P044
Williams, Doris	P187, P196, RFA009, RFC001
Williams, Victoria	P168, P170
Williamson, David	RFA005
Wilson, Joyce	RFA007
Wilson, Robert	P005, P006
Wilson, Tess	<u>RFA009</u>
Wise, Heather	P022, P071
Wishloff, Sarah	B05
Wong, Anita A	B02, P106
Wong, Clarence	P180
Wong, Henry	P127, P155, P227, RFC004
Wong, Jenna	P009
Wong, Joyce	P130, P133, P135
Wong, Maggie	P022, P026, P029
Wong, William	C03
Wood, Hannah	P055
Wood, Heidi	P200
Woodrow, Jennifer	P006
Woods, Katherine	P206
Woolam, Gabe	P218
Wright, Alissa	RFB005
Wu, Kenneth	<u>RFB003</u>
Wudel, Beverly	P089, P093
Xie, Connie TY	<u>P044</u> , <u>RFD007</u>

Author name	Program Codes
Xiong, Emily H	<u>P184</u>
Yamamura, Deborah L	P042, P134, P167
Yan, Austin	<u>A03</u> , <u>RFA002</u> , <u>RFA006</u>
Yansouni, Cedric	RFC005
Yeung, Sabrina HM	<u>CR03</u> , <u>P079</u>
Yiorgos, Alexandros Cavayas	RFA005
Yohanna, Seychelle	P076
Yoshida, Catherine	P068
Young, Matthew	P146
Yu, Daniel	<u>P145</u>
Yu, Jinny	P049
Yu, Yang	P119
Yuan Zhou, Hong	B01
Yuen, Victor TH	P146
Zahradnik, Stephanie	<u>P191</u>
Zarkadoulas, Eleftherios	RFD005
Zbucea, Anamaria	P054
Zeeratkar, Dena	P020
Zeggil, Teagan E	P003
Zeppa, Joseph J	P138, P202
Zhanel, George G	P022, P025, P026, P027, P028, P029, P030, P108
Zhang, Ali	P088
Zhang, Annabelle	P121
Zhang, Elizabeth	D03, P194
Zhang, Minlu	P129
Zhao, Selina	<u>P218</u>
Zhong, You Jia Z	<u>P163</u> , <u>P183</u>
Zhong, Zoe	P102, P167
Zhou, Hong Y	P087
Zlosnik, James	P036
Zoppa, Lauren	<u>P066</u>
Zora, Krupa	B01
Zotova, Olena	RFC005
Zubach, Vanessa	P106
Zuniga Chacon, Cristina	P207, P215





AMMI Canada – CACMID  
Annual Conference

UNACCREDITED LEARNING  
ACTIVITIES



# Dr. Bugs Escape Room

## Outbreak in Ward 7!

Dr. Bugs has been consulting on a cluster of unexplained infections in the hospital's surgical ward. Just as he's about to identify the culprit, he collapses... infected himself!

The ward is now in lockdown. The microbiology lab is offline. The infection control officer is missing.

With only **35 minutes on the clock**, your team must enter the isolation area, trace the source of the outbreak, and implement the correct containment measures — before the entire hospital is forced to shut down



### THE PRESSURE IS ON. DO YOU HAVE WHAT IT TAKES?

Form a team of 4–6 participants, choose a team name, and sign up at the registration desk on site.

Flying solo? No problem! Individual participants are welcome, just head to the registration desk and we will match you with a team.

Location: SJCC, Pippy Room

Schedule: (sign up at the Registration Desk)

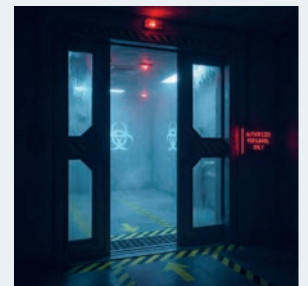
\* Tuesday, April 28: CANCELLED

\* Wednesday, April 29: 10:00 - 19:00

\* Thursday, April 30: 10:00 - 18:00

\* Friday, May 1: 08:00 - 13:00

N.B.: The last entry each day will be one hour before closing.



# CFID Bug Run

## 3K and 5K Fun Run/Walk

Date: .....Friday, May 1, 2026

Time: .....06:30

Meeting Location: .....Delta St. John's Hotel Lobby



Lace up your running shoes and join us for the 12th Annual CFID Bug Run in beautiful St. John's, Newfoundland and Labrador! Whether you're an avid runner or simply looking to enjoy a scenic walk with colleagues, the 3K and 5K routes offer a fun and energizing way to start your day.

Held alongside the AMMI Canada –CACMID Annual Conference, the Bug Run is a great opportunity to step outside the sessions, connect with colleagues, and experience St. John's in a different way, all while supporting an important cause.

*Route: The route will be as flat as possible in St. John's...essentially running along water to Terry Fox memorial (bottom of signal hill) and back along Duckworth Street to the Delta hotel.*

Proceeds support the Canadian Foundation for Infectious Diseases (CFID), a national charitable organization dedicated to improving the health of Canadians and communities worldwide. CFID supports research, funds medical and undergraduate trainees, recognizes excellence through awards, and advances knowledge in the prevention, diagnosis, control, and treatment of infectious diseases.

The Bug Run is a cornerstone CFID initiative, raising funds, increasing awareness of the Foundation's work, and highlighting the critical importance of research and knowledge exchange in infectious diseases.

Whether you run, jog, or walk, we invite you to take part, connect with colleagues, and help make a meaningful impact, one step at a time. And if you are not attending the conference, or the hotel beds prove just a little too comfortable, consider supporting the cause with a donation instead!

**REGISTER NOW**

(Registration closes April 30, 2026)



For more Information on CFID:

<https://www.researchid.com/>



Canadian Foundation  
for Infectious Diseases  
Fondation canadienne  
des maladies infectieuses



# Unaccredited Learning Activities

## Scientific Symposium with Dinner

Date: ..... Thursday, April 30, 2026

Time: ..... 19:00 - 20:00

Meeting Location: ..... Harbourview Room Delta Hotels St. John's



The symposium will present an overview of the latest MALDI TOF MS advancements and their impact on today's clinical microbiology workflow. We will highlight key workflow changes compared to previous generations, clarify current system limitations and required ancillary testing, and demonstrate optimized approaches for rapid bacterial ID directly from positive blood cultures. The session will also outline practical applications of MALDI TOF MS for mycology, including yeast and mold identification.

### Speakers:

#### Susan M. Poutanen

**MD, MPH, FRCPC**

Microbiologist & Infectious Disease Physician

University Health Network & Sinai Health, Mount Sinai Hospital

#### Prameet M. Sheth

**MSc. PhD. D(ABMM), F(CCM)**

Chief, Division of Microbiology

Kingston Health Sciences Centre

#### Sheri Levesque

Charge Technologist

Kingston Health Sciences Centre

#### Gongyi Shi

**MSc. PhD. D(ABMM), F(CCM)**

Director, Scientific Affairs

Bruker Scientific, LLC

**REGISTER**

Space is Limited



# Unaccredited Learning Activities

Date: .....Thursday, April 30, 2026

Time: .....19:00 - 20:00

Meeting Location: .....Salon A, Avalon Ballroom Delta Hotels St. John's



## From Patient-Collected Specimens to Automated Laboratories: Modernizing Diagnostics Workflows

Diagnostic microbiology is rapidly evolving, from how specimens are collected to how laboratories process and interpret results.

Join us for an engaging dinner session exploring two key forces shaping the future of the Microbiology Laboratory:

- Patient-Collected Specimens and their growing role in expanding access to screening for cervical cancer and STI
- Laboratory Automation and AI, including real-world insights into how technologies like Copan's PhenoMATRIX® are improving efficiency, standardization, and consistency

Hear practical perspectives from leading experts and learn how these innovations are transforming the way specimens are collected and results are interpreted.

### Speakers:

#### Leah Brown

BSc, BHSc, MLT  
Technical Specialist, Microbiology – Dynacare

#### Lee Goneau

PhD, FCCM  
National Director of Microbiology – Dynacare

#### Dina Greene

PhD, DABCC  
Clinical Professor – University of Washington

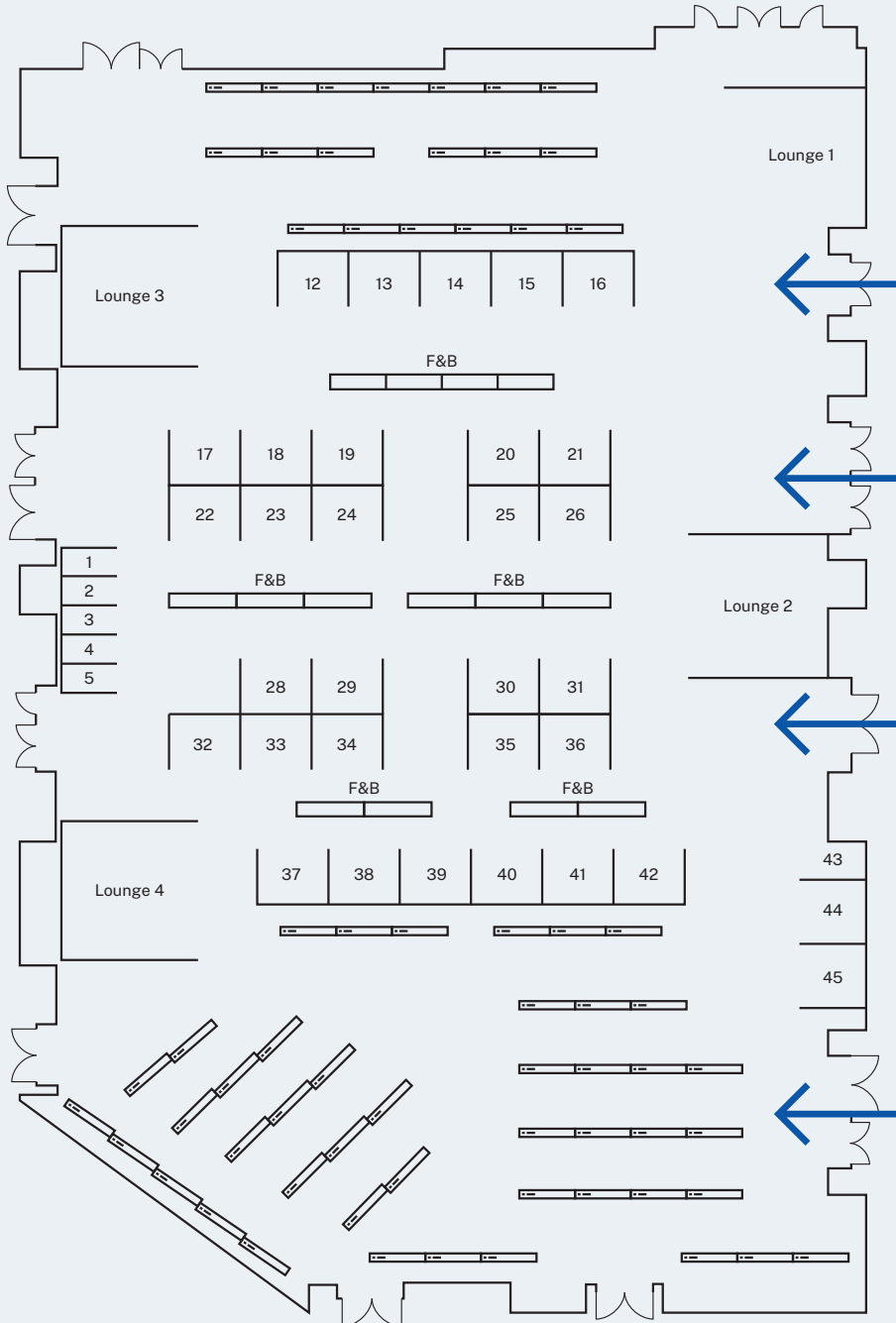
[REGISTER](#)

Space is Limited



# Exhibit Hall Floorplan

## Bowring Ballroom



# Exhibitor Directory

EXHIBITOR	BOOTH NUMBER	EXHIBITOR	BOOTH NUMBER
Abbott	22	Inter Medico	19
altona Diagnostics	18	Merck	21
AMR Aware Canada	Foyer	MetaSystems Group, Inc.	28
AstraZeneca	No Booth	Micronostyx	40-41
BIOMÉRIEUX	14	Opti-Tech Scientific	24
Bio-Rad Laboratories Canada	13	Pfizer Canada	42
Bruker	Lounge 2	Pfizer Canada Medical Affairs	39
Canadian Association for Biological Safety / L'Association Canadienne Pour La Sécurité Biologique (CABS-ACSB)	1	Pro-Lab Diagnostics Inc.	34
Canadian College of Microbiologists (CCM)	5	Province of New Brunswick / Province du Nouveau-Brunswick	4
Canadian Microbiology Proficiency Testing	43	Public Health Agency of Canada –Centre for Biosecurity	35
CEDARLANE	38	QIAGEN	32
Cepheid Canada	15	R-Biopharm Canada	3
Copan Diagnostics, Inc.	36	Roche Diagnostics Canada	26
Dalynn Biologicals Inc.	2	Sanofi	30-31
Diasorin, the Diagnostic Specialist	Lounge 4	Seegene Canada Inc.	17
Ferring Canada	12	Somagen Diagnostics	33
GSK	16	Starplex	29
Hologic Canada	Lounge 3	Thermo Fisher Scientific - Microbiology	25
IDWeek 2026 – Infectious Diseases Society of America	44	University of Toronto Press	45
Illumina	20	Waters™	Lounge 1
Innovatek Medical	23	Xediton Pharmaceuticals Inc.	37



## ABBOTT

BOOTH 22

Abbott is a global healthcare leader that helps people live more fully at all stages of life. Our portfolio of life-changing technologies spans the spectrum of healthcare, with leading businesses and products in diagnostics, medical devices, nutritionals, and branded generic medicines. Our 114,000 colleagues serve people in more than 160 countries.

## ALTONA DIAGNOSTICS

BOOTH 18

Altona Diagnostics is a diagnostic company that develops and manufactures in vitro diagnostic tests for the PCR-based detection of pathogens such as viruses, bacteria, or parasites. Headquartered in Hamburg, Germany, the company has been in the molecular diagnostics business for over 25 years and is ISO 13485 certified.

Website: [altona-diagnostics.com](http://altona-diagnostics.com)

LinkedIn: [linkedin.com/company/altona-diagnostics](https://www.linkedin.com/company/altona-diagnostics)

YouTube: [youtube.com/channel/uc54duphv--ir4f-uqospoza](https://www.youtube.com/channel/uc54duphv--ir4f-uqospoza)

## AMR AWARE CANADA

FOYER

Coordinated by the National Collaborating Centre for Infectious Diseases, AMR Aware Canada is a collaborative initiative that leads an annual awareness campaign on antimicrobial resistance. We share free, evidence-based resources, impact stories, and stewardship webinars to support action across Canada.

Website: [AMRaware.ca](http://AMRaware.ca)

## ASTRAZENECA

NO BOOTH

At AstraZeneca, we believe in the power of what science can do to transform the care for a broad range of respiratory illnesses, including influenza, respiratory syncytial virus (RSV), and COVID-19.

Website: [astrazeneca.ca](http://astrazeneca.ca)



## BIOMÉRIEUX

### BOOTH 14

BIOMÉRIEUX develops innovative diagnostic solutions for hospitals, laboratories, and point-of-care settings. Through advances in immunoassays, microbiology, and molecular biology, the company accelerates clinical decision-making, improves infection management, and supports the global fight against antimicrobial resistance by delivering fast, targeted, and impactful diagnostic answers.

Website: [biomerieux.com](http://biomerieux.com)

LinkedIn: [linkedin.com/showcase/biomerieux-clinical-diagnostics/](https://www.linkedin.com/showcase/biomerieux-clinical-diagnostics/)

## BIO-RAD LABORATORIES CANADA

### BOOTH 13

Bio-Rad Laboratories, Inc. is a global leader in developing, manufacturing, and marketing a broad range of innovative products for the life science research and clinical diagnostic markets. With 70 years of focus on quality and customer service, our products advance the scientific discovery process and improve healthcare.

Website: [bio-rad.com](http://bio-rad.com)

## BRUKER

### INNOVATION LOUNGE 2

Bruker changed microbiology by developing the MALDI Biotyper® System, the market-leading MALDI-TOF for microbiology laboratories that provides an identification for over 4000 species in less than 10 minutes starting from culture. Another Bruker innovation, the IR Biotyper®, provides rapid and cost-effective microorganism strain typing using infrared spectroscopy technology.

Website: [bruker.com](http://bruker.com)

Facebook: [facebook.com/bruker.corp](https://www.facebook.com/bruker.corp)

Instagram: [instagram.com/brukercorp](https://www.instagram.com/brukercorp)

LinkedIn: [linkedin.com/company/bruker-microbiology-diagnostics](https://www.linkedin.com/company/bruker-microbiology-diagnostics)

YouTube: [youtube.com/channel/UCRExIYvszBLIR-ejB3f5rZg](https://www.youtube.com/channel/UCRExIYvszBLIR-ejB3f5rZg)



## **CANADIAN ASSOCIATION FOR BIOLOGICAL SAFETY / L'ASSOCIATION CANADIENNE POUR LA SÉCURITÉ BIOLOGIQUE (CABS-ACSB)**

### **BOOTH 1**

The Canadian Association for Biological Safety / L'Association Canadienne Pour La Sécurité Biologique (CABS-ACSB) is a Canadian biological safety network that hosts continuing education opportunities across Canada.

Website: [cabs-acsb.ca](http://cabs-acsb.ca)

Facebook: [facebook.com/cabsacsb](https://facebook.com/cabsacsb)

Instagram: [instagram.com/cabsacsb](https://instagram.com/cabsacsb)

LinkedIn: [linkedin.com/in/cabsacsb](https://linkedin.com/in/cabsacsb)

X (formerly Twitter): [x.com/CABSACSB](https://x.com/CABSACSB)

## **CANADIAN COLLEGE OF MICROBIOLOGISTS (CCM)**

### **BOOTH 5**

The Canadian College of Microbiologists (CCM) is a national, non-profit professional body dedicated to advancing microbiology, fostering professional development, and certifying qualified microbiologists.

Website: [ccm.ca](http://ccm.ca)

## **CANADIAN MICROBIOLOGY PROFICIENCY TESTING**

### **BOOTH 43**

Canadian Microbiology Proficiency Testing (CMPT) provides microbiology EQA challenges for Clinical, Water, and Industry Testing Laboratories providing support for accreditation and regulatory specifications, continual improvement, and continuing education.

Website: [cmpt.ca](http://cmpt.ca)

LinkedIn: [linkedin.com/company/canadian-microbiology-proficiency-testing](https://linkedin.com/company/canadian-microbiology-proficiency-testing)

## **CEDARLANE**

### **BOOTH 38**

CEDARLANE® specializes in providing high quality reagents for your lab, offering one of the most extensive product listings in Canada. Featured products include Sekisui Rapid Tests, ATCC strains, PCR controls, DNA/RNA extraction kits, Antisera for bacterial serotyping and the Nasosorption™ FX-i nasal sampling device.

Website: [cedarlanelabs.com](http://cedarlanelabs.com)

LinkedIn: [linkedin.com/company/cedarlane](https://linkedin.com/company/cedarlane)



## CEPHEID CANADA

### BOOTH 15

One System. Many Tests. Cepheid transforms diagnostic testing with rapid, reliable molecular solutions. The GeneXpert® System offers a flexible, scalable platform and an extensive test menu, enabling confident clinical decisions across diverse care environments.

Website: [cepheid.com](http://cepheid.com)

## COPAN DIAGNOSTICS, INC.

### BOOTH 36

COPAN Diagnostics is a leading manufacturer of clinical sample collection and transport systems and full laboratory automation solutions. COPAN's approach to pre-analytics has resulted in innovative products; FLOQSwabs®, ESwab®, UTM®, and other LBM systems. COPAN offers clinical laboratory automation, digital microbiology, and AI software, including WASP®, WASPLab®, PhenoMATRIX®, and UniVerse®.

Website: [copanusa.com](http://copanusa.com)

Facebook: [facebook.com/copanusa](https://facebook.com/copanusa)

Instagram: [instagram.com/copan\\_usa](https://instagram.com/copan_usa)

LinkedIn: [linkedin.com/company/copan-group](https://linkedin.com/company/copan-group)

## DALYNN BIOLOGICALS INC.

### BOOTH 2

Dalynn Biologicals is a 100% owned and operated Canadian company. We are proud of our Canadian heritage and have been supplying labs with culture media and microbiological supplies since 1985.

Website: [dalynn.com](http://dalynn.com)

YouTube: [youtube.com/@dalynnbiologicals8704](https://youtube.com/@dalynnbiologicals8704)

## DIASORIN, THE DIAGNOSTIC SPECIALIST

### INNOVATION LOUNGE 4

We are a global leader in the laboratory diagnostics market, specializing in immuno and molecular diagnostics segments. For over fifty years, our organization has been developing, manufacturing, and commercializing diagnostic tests; we support clinical laboratory needs and activities, providing solutions that are reliable, innovative, fully automated, and standardized.

Website: [diasorin.com](http://diasorin.com)

LinkedIn: [linkedin.com/company/diasorin](https://linkedin.com/company/diasorin)



## FERRING CANADA

### BOOTH 12

Ferring is a research-driven, specialty biopharmaceutical group committed to helping people around the world live better lives. Ferring is a leader in women's health and in specialty areas within gastroenterology, urology, and infectious diseases. Ferring is working to develop novel microbiome-based therapeutics to address significant unmet needs, beginning with the threat of recurrent *C. diff* infection.

Website: [ferring.com](http://ferring.com)  
Facebook: [facebook.com/ferringpharmaceuticals](https://facebook.com/ferringpharmaceuticals)  
Instagram: [instagram.com/ferringpharmaceuticals](https://instagram.com/ferringpharmaceuticals)  
LinkedIn: [linkedin.com/company/ferring-pharmaceuticals](https://linkedin.com/company/ferring-pharmaceuticals)

## GSK

### BOOTH 16

GSK is a global biopharma company with a purpose to unite science, technology, and talent to get ahead of disease together. Find out more at <https://ca.gsk.com/en-ca>.

Website: [ca.gsk.com/en-ca](https://ca.gsk.com/en-ca)  
Facebook: [facebook.com/GSK](https://facebook.com/GSK)  
Instagram: [instagram.com/gsk](https://instagram.com/gsk)  
LinkedIn: [linkedin.com/company/glaxosmithkline](https://linkedin.com/company/glaxosmithkline)

## HOLOGIC CANADA

### INNOVATION LOUNGE 3

We are an innovative medical technology company primarily focused on improving women's health and well-being through early detection and treatment. As a leader in diagnostic solutions for molecular and cytology, Hologic thoughtfully blends engineering and science. Our innovative Aptima® assays and advanced automation platforms – Panther Scalable Solutions – work together to give laboratories the power to quickly and accurately detect and monitor infectious diseases. Our proven solutions for cervical health screening help promote early detection, appropriate treatment, and better outcomes – both clinical and financial.

Website: [hologic.ca](http://hologic.ca)

## IDWEEK 2026 - INFECTIOUS DISEASES SOCIETY OF AMERICA

### BOOTH 44

IDWeek is the joint annual meeting of the Infectious Diseases Society of America, the Society for Healthcare Epidemiology of America, the HIV Medicine Association, and the Pediatric Infectious Diseases Society. Conference programming highlights the latest updates and breakthroughs on prevention, diagnosis, and treatment of infections, including HIV and emerging pathogens.

Website: [IDWeek.org](http://IDWeek.org)



## ILLUMINA

### BOOTH 20

At Illumina, our mission is to improve human health by unlocking the power of the genome. Our innovative sequencing products are bringing genomics to the forefront of public health surveillance, empowering our partners to predict and prevent disease and to drive innovation in analyzing the genomes of the microscopic world.

Website: [illumina.com](http://illumina.com)  
Facebook: [facebook.com/illuminainc](https://facebook.com/illuminainc)  
Instagram: [instagram.com/illuminainc](https://instagram.com/illuminainc)  
LinkedIn: [linkedin.com/company/illumina](https://linkedin.com/company/illumina)  
YouTube: [youtube.com/@illuminainc](https://youtube.com/@illuminainc)

## INNOVATEK MEDICAL

### BOOTH 23

We're a Canadian company providing rapid diagnostic kits in the areas of women's health, drugs of abuse, and infectious diseases. We supply diagnostics kits and supplies to clinical industrial laboratories. We strive to meet and exceed customer expectations. Quality Management system ISO 13485 certified.

Website: [innovatekmed.com](http://innovatekmed.com)

## INTER MEDICO

### BOOTH 19

For over 40 years, Inter Medico has been a leading Canadian-owned and operated distributor of clinical diagnostic products. For microbiology labs, we provide the QIAGEN QuantiFERON TB Gold Plus assay for latent tuberculosis infection, QIAstat-Dx Rapid Syndromic PCR solution with respiratory and GI panels, and MedicoDx Rapid Strep Grouping Kit.

Website: [inter-medico.com](http://inter-medico.com)  
Facebook: [facebook.com/people/inter-medico/100077271206812](https://facebook.com/people/inter-medico/100077271206812)  
LinkedIn: [linkedin.com/company/intermedico](https://linkedin.com/company/intermedico)

## MERCK

### BOOTH 21

At Merck, we are unified around our purpose: We use the power of leading-edge science to save and improve lives around the world. For more than 130 years, we have brought hope to humanity through the development of important medicines and vaccines. For more information about our operations in Canada, visit [www.merck.ca](http://www.merck.ca) and connect with us on Linked In @MerckCanada.

Website: [merck.ca](http://merck.ca)  
LinkedIn: [linkedin.com/company/merck-canada](https://linkedin.com/company/merck-canada)



## METASYSTEMS GROUP, INC.

### BOOTH 28

MetaSystems is a leading manufacturer of automated (high throughput) imaging slide scanning systems and high-quality DNA FISH probes for clinical laboratories and biomedical research. Innovative automation and imaging AI solutions are available for several laboratory applications, including cytogenetics, pathology, hematology, toxicology, forensic sciences, microbiology, and more.

Website: [metasystems-international.com](http://metasystems-international.com)  
Facebook: [facebook.com/metasystems.int](https://facebook.com/metasystems.int)  
LinkedIn: [linkedin.com/company/metasystems-group-inc](https://linkedin.com/company/metasystems-group-inc)  
YouTube: [youtube.com/user/mymetasystems](https://youtube.com/user/mymetasystems)

## MICRONOSTYX

### BOOTH 40-41

Micronostyx is a leading Canadian supplier of microbiology laboratory and specialty diagnostic products. We provide products to laboratory professionals across Canada to help detect microorganisms, diagnose disease, and improve patient outcomes. Alongside our global partners, we provide creative and effective solutions for each client's pre-analytical, diagnostic, and quality control needs.

Website: [micronostyx.com](http://micronostyx.com)  
Facebook: [facebook.com/people/Micronostyx/61562695393493](https://facebook.com/people/Micronostyx/61562695393493)  
Instagram: [instagram.com/micronostyx](https://instagram.com/micronostyx)  
LinkedIn: [linkedin.com/company/micronostyx](https://linkedin.com/company/micronostyx)

## OPTI-TECH SCIENTIFIC

### BOOTH 24

Opti-Tech Scientific Inc. was established in 1989 as a microscope service and calibration company and has evolved into a leading supplier of scientific equipment specializing in optical and digital microscopy across Canada.

Website: [opti-tech.ca](http://opti-tech.ca)  
LinkedIn: [linkedin.com/company/opti-tech-scientific-inc](https://linkedin.com/company/opti-tech-scientific-inc)



## PFIZER CANADA

### BOOTH 42

Pfizer Canada ULC, part of Pfizer Inc., applies science and global resources to develop innovative therapies that improve and extend lives. We set standards for quality, safety, and value in healthcare. Our diverse portfolio includes leading medicines, vaccines, and therapies, making a significant impact on global health worldwide.

Website: [pfizer.ca](http://pfizer.ca)  
Facebook: [facebook.com/pfizer.canada](https://facebook.com/pfizer.canada)  
Instagram: [instagram.com/pfizercanada](https://instagram.com/pfizercanada)  
LinkedIn: [linkedin.com/company/pfizer](https://linkedin.com/company/pfizer)  
YouTube: [youtube.com/@pfizercanada](https://youtube.com/@pfizercanada)

## PFIZER CANADA MEDICAL AFFAIRS

### BOOTH 39

The goal of Pfizer Medical Affairs is to deliver timely communication of accurate and balanced medical and scientific information regarding Pfizer products and relevant diseases.

Website: [pfizer.ca](http://pfizer.ca)  
Facebook: [facebook.com/pfizer.canada](https://facebook.com/pfizer.canada)  
Instagram: [instagram.com/pfizercanada](https://instagram.com/pfizercanada)  
LinkedIn: [linkedin.com/company/pfizer](https://linkedin.com/company/pfizer)  
X (formerly Twitter): [x.com/pfizerca](https://x.com/pfizerca)

## PRO-LAB DIAGNOSTICS INC.

### BOOTH 34

Pro-Lab Diagnostics Inc. is a Canadian manufacturer of high quality and cost-effective immunodiagnostic reagents with a focus on microbiology and a women's health line.

Website: [pro-lab.com](http://pro-lab.com)  
Facebook: [facebook.com/prolabdiag](https://facebook.com/prolabdiag)  
LinkedIn: [linkedin.com/company/pro-lab-diagnostics](https://linkedin.com/company/pro-lab-diagnostics)  
X (formerly Twitter): [x.com/prolabdiagCA](https://x.com/prolabdiagCA)

## PROVINCE OF NEW BRUNSWICK / PROVINCE DU NOUVEAU-BRUNSWICK

### BOOTH 4

If you're looking for a place where you can grow your healthcare career while building a healthy, well-rounded life, look no further. In New Brunswick, you can be more.

Website: [nbhealthjobs.ca](http://nbhealthjobs.ca)



## **PUBLIC HEALTH AGENCY OF CANADA – CENTRE FOR BIOSECURITY**

### **BOOTH 35**

The Public Health Agency of Canada protects public health by regulating and supporting safe, secure handling of human pathogens and toxins through licencing, oversight, and training.

Website:

[canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/about-centre-biosecurity.html](https://canada.ca/en/public-health/services/laboratory-biosafety-biosecurity/about-centre-biosecurity.html)

## **QIAGEN**

### **BOOTH 32**

Every day, QIAGEN serves 500,000 customers globally, all seeking insights from the building blocks of life – DNA and RNA. Delivering Sample to Insight solutions for molecular testing, we enable scientists and clinicians to achieve breakthroughs in life sciences research, molecular diagnostics, and drug development. This is how we make improvements in life possible.

Website: [qiagen.com](https://qiagen.com)

## **R-BIOPHARM CANADA**

### **BOOTH 3**

R-Biopharm is a solutions-based clinical diagnostic manufacturer to support the changing needs of today's clinical labs.

Website: [r-biopharm.com](https://r-biopharm.com)

## **ROCHE DIAGNOSTICS CANADA**

### **BOOTH 26**

At Roche, patients are our core focus. We are driven by a strong purpose. And because we know that the world needs better ways to prevent, diagnose, and treat disease, we are guided by that purpose to improve people's lives whenever and wherever needed. Doing now what patients need next.

Website: [rochecanada.com](https://rochecanada.com)

LinkedIn: [linkedin.com/showcase/roche-canada](https://linkedin.com/showcase/roche-canada)

YouTube: [youtube.com/@roche](https://youtube.com/@roche)



## **SANOFI**

### **BOOTH 30-31**

Sanofi is a global biopharmaceutical company committed to healthcare solutions from prevention to treatment. We turn scientific discoveries into medicine to improve health. Every day, we dedicate our most important resource, our people, to support patients and families through their health journey.

Website: [sanofi.com](https://www.sanofi.com)  
Facebook: [facebook.com/sanofi](https://www.facebook.com/sanofi)  
Instagram: [instagram.com/sanofi](https://www.instagram.com/sanofi)  
LinkedIn: [linkedin.com/company/sanofi](https://www.linkedin.com/company/sanofi)

## **SEEGENE CANADA INC.**

### **BOOTH 17**

Seegene Canada provides highly multiplexed PCR reagents and automated platforms for high-volume clinical laboratories across Canada, specializing in respiratory, gastrointestinal, dermatophyte, and bacterial vaginosis testing.

Website: [seegene.com](https://www.seegene.com)

## **SOMAGEN DIAGNOSTICS**

### **BOOTH 33**

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Website: [somagen.com](https://www.somagen.com)  
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### BOOTH 37

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