

WHERE CANADA'S EXPERTS IN CLINICAL MICROBIOLOGY AND INFECTIOUS DISEASES MEET.
POINT DE RENCONTRE DES EXPERTS CANADIENS EN MICROBIOLOGIE MÉDICALE ET INFECTIOLOGIE.

Final Program Programme final



Calgary

20 Years of 2025

Collaboration and Engagement



AMMI CANADA – CACMID ANNUAL CONFERENCE 2025 CONFÉRENCE ANNUELLE

APRIL 29 – MAY 2 / 29 AVRIL – 2 MAI

CALGARY TELUS CONVENTION CENTRE, CALGARY, ALBERTA

Welcome

On behalf of the Association of Medical Microbiology and Infectious Disease Canada and the Canadian Association for Clinical Microbiology and Infectious Diseases we would like to welcome you to the 20th annual joint meeting on the prevention, diagnosis and treatment of infectious diseases.

We respectfully acknowledge that this meeting is taking place on the unceded traditional territories of the Blackfoot Confederacy (Siksika, Piikani, and Kainai First Nations), the Tsuut'ina First Nation, and the Îyârhe Nakoda (Stoney Nakoda) First Nations (Bears paw, Chiniki, and Goodstoney). It is also home to the Métis Nation of Alberta.

The AMMI Canada – CACMID Annual Conference promises to be an outstanding opportunity to learn, share ideas, and connect with colleagues, while enjoying a world-class city with breathtaking mountain views.

The Central and Scientific Planning Committees have produced an exceptional program featuring cutting edge topics and engaging high-level speakers in adult and paediatric infectious diseases, diagnostic microbiology, and infection control. The plenary sessions will cover exciting topics including “*The Use of AI in the Diagnosis and Management of Infectious Diseases and Medical Microbiology*” and “*Trough Monitoring for Vancomycin: Is it Time to Change Practice?*”. In addition, the Scientific Planning Committee has also planned several co-developed accredited learning activities for delegates to attend.

New for 2025, are “Lightning Learning” sessions: concise, 30-minute presentations that will run concurrently to Masterclasses. These sessions will offer focused insights on topics such as; *Medical Disinformation, Sepsis and Other ID Biomarkers* as well as *Bioinformatic Analysis of Microbial Genomic Data*.

The program also features high quality posters, oral presentations, rapid-fire poster presentations and case reports that will highlight innovative research by our students, residents, fellows, and colleagues.

Join us in the exhibit hall on Wednesday, April 30th for the Welcome and Recognition Reception. This relaxed event is a great chance to reconnect with colleagues and friends over a cocktail and hors d'oeuvres. Join this year's award recipients on the red carpet to congratulate them and have your photo taken alongside them. Brief award ceremonies will take place each morning to recognize and celebrate their achievements.

We gratefully acknowledge the generous and continued support of our industry partners, sponsors, and exhibitors, whose contributions make this high calibre meeting possible. Be sure 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 in person for an educational, engaging, and memorable experience as we celebrate 20 years of collaboration and look ahead to many more years of shared success.

Yves Longtin

President, AMMI Canada

Prameet M. Sheth

President, CACMID

Sustainability

The conference is continuing its commitment to sustainability by minimizing its environmental footprint. Printed materials have been reduced to a minimum, with the majority of signage presented digitally. For the second year in a row, Friday's lunch will feature a completely plant-based menu. Attendees are encouraged to pick up their reusable water bottle at the registration desk — refillable at stations throughout the building — and return their name badges at the end of the conference for recycling. These efforts reflect our shared goal of hosting a greener, more responsible event.

Bonjour

Au nom de l'Association pour la microbiologie médicale et l'infectiologie Canada (AMMI Canada) et de l'Association canadienne de microbiologie médicale et des maladies infectieuses (CACMID), nous vous souhaitons la bienvenue à la 20^e assemblée annuelle conjointe sur la prévention, le diagnostic et le traitement des maladies infectieuses.

Nous soulignons respectueusement que cette rencontre a lieu sur les territoires traditionnels non cédés de la Confédération des Pieds-Noirs (Premières Nations de Siksika, Piikani et Kainai), de la Nation Tsuu T'ina et des Premières Nations Îyârhe Nakoda (Stoney Nakoda) (Bears paw, Chiniki et Goodstoney) qui abritent également la Nation Métis de l'Alberta.

La Conférence annuelle de l'AMMI Canada – CACMID promet d'être une formidable occasion de s'instruire, de partager des idées et d'échanger avec des collègues dans une ville de calibre mondial qui offre une vue à couper le souffle sur les montagnes.

Le Comité central et le Comité scientifique ont élaboré un programme exceptionnel comportant des sujets de pointe et des présentations captivantes de conférenciers renommés sur les maladies infectieuses des adultes et infantiles, la microbiologie diagnostique et le contrôle de l'infection. Les séances plénières porteront sur des sujets passionnants, notamment, « *The Use of AI in the Diagnosis and Management of Infectious Diseases and Medical Microbiology* » (l'utilisation de l'IA dans le diagnostic et la prise en charge des maladies infectieuses et dans la microbiologie médicale), et « *Suivi des creux de Vancomycine: doit-on abandonner la pratique?* » En outre, le Comité scientifique a aussi planifié plusieurs activités d'apprentissage agréées élaborées en collaboration avec nos partenaires.

Une nouveauté en 2025, les séances « Apprentissage éclair » qui sont des présentations concises de 30 minutes offertes parallèlement aux « Masterclasses ». Ces séances porteront sur la désinformation médicale, le sepsis, les biomarqueurs en maladies infectieuses, ainsi que l'analyse bio-informatique de données génomiques microbiennes.

Au programme figurent également des présentations de haute qualité par affiches et orales, des présentations rapides par affiches et des rapports de cas qui mettront en évidence les travaux novateurs de nos étudiants, résidents, boursiers et collègues.

Nous vous attendrons dans la salle d'exposition le mercredi 30 avril pour la réception de bienvenue et de reconnaissance. Cet événement détendu est une magnifique occasion de renouer avec des collègues et des amis en dégustant un cocktail et des bouchées. Joignez-vous aux lauréats de cette année sur le tapis rouge pour les féliciter et vous faire prendre en photo avec eux. De courtes cérémonies de remise de prix auront lieu chaque matin pour souligner et célébrer leurs accomplissements.

Nous apprécions sincèrement le fidèle soutien généreux de nos partenaires du secteur, de nos commanditaires et de nos exposants grâce auxquels cette rencontre de grand calibre est possible. N'oubliez pas de visiter la salle d'exposition pour découvrir les derniers développements et élargir votre réseau professionnel.

L'AMMI Canada et la CACMID sont fières de s'allier depuis longtemps pour offrir cette conférence annuelle. Au nom du Comité central et du Comité scientifique, nous vous accueillerons volontiers en personne pour une expérience éducative, engageante et mémorable alors que nous célébrons 20 ans de collaboration et envisageons encore bien des années de succès commun.

Yves Longtin,
président, AMMI Canada

Prameet M. Sheth,
président, CACMID

About the Conference

The AMMI Canada – CACMID Annual Conference offers an interactive platform for leading experts in diagnostic microbiology, antimicrobial stewardship, infectious diseases, infection prevention and control, and public health to convene. Celebrating the 20th anniversary of the conjoint meeting between AMMI Canada and CACMID, this conference draws participants from across Canada and internationally. Continuing the tradition, the 2025 conference will deliver updates on a broad range of topics to a diverse group of professionals, including clinicians, microbiologists, laboratory technologists, public health experts, infection prevention and control practitioners, epidemiologists, pharmacists, students and residents.

In addition to the pre-conference Trainees' Day, the program will feature plenary sessions, cutting-edge clinical lectures, accredited co-developed learning activities, short oral presentations, rapid-fire presentations, poster presentations, a case report symposium, and an exhibit hall. New this year are "Lightning Learning" sessions—concise, focused learning opportunities on specific topics.

The conference provides an invaluable opportunity for attendees to showcase their research and stay abreast of the latest developments in microbiology, infection control, and infectious diseases in both adults and children. Beyond the scientific program, the event also fosters networking, idea exchange, and reconnection among colleagues.

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.

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Committees

ABSTRACT REVIEW COMMITTEE

Co-Chairs

Danielle Brabant-Kirwan
William Connors

Committee Members

Heather Adam	Farhan Khan
Jared Bullard	Adam Komorowski
Peter Daley	Nancy Matic
Tanis Dingle	Ninad Mehta
Chelsey Ellis	Esther Nagai
Ramzi Fattouh	Peter Pieroni
Jessica Forbes	Glenn Patriquin
Jeff Fuller	Zulma Rueda
Daniel Gregson	Prameet M. Sheth
Catherine Hogan	Robert Taylor
Agatha Jassem	Christine Turenne
B. Lynn Johnston	Bing Wang
Jennie Johnstone	

ABSTRACT POSTER AND ORAL JUDGES

Vanessa Allan	B. Lynn Johnston
Jeannette Comeau	Farhan Khan
Tanis Dingle	Peter Pieroni
Ramzi Fattouh	Prameet M. Sheth
Jessica Forbes	Bing Wang

SPONSORSHIP COMMITTEE

Co-Chairs

Jeff Fuller
Shariq Haider

Committee Members

Dwight Ferris
Don Vinh
Titus Wong

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
Shariq Haider

Abstract Co-Chairs

Danielle Brabant-Kirwan
William Connors

Committee Members

Ramzi Fattouh
Susy Hota
Agatha Jassem
Deborah Yamamura

SCIENTIFIC PLANNING COMMITTEE (SPC)

Co-Chairs

Rob Kozak
Susan Poutanen

Committee Members

Samuel Bourassa-Blanchette	Vanessa Meier-Stephenson
Danielle Brabant-Kirwan	Ninad Mehta
Marthe Charles	Esther Nagai
William Connors	David Patrick
Cora Constantinescu	Glenn Patriquin
Ramzi Fattouh	Shaqil Peermohamed
Jessica Forbes	Peter Pieroni
Catherine Hogan	Melissa Richard-Greenblatt
Agatha Jassem	Earl Rubin
Ruwandi Kariyawasam	Prameet M. Sheth
Farhan Khan	Robert Taylor
Adam Komorowski	Vanessa Tran
Philippe Lagacé-Wiens	Jason Zou

20th Anniversary

2025 marks a milestone anniversary—20 years of collaboration between AMMI Canada and CACMID!

Since 2005, when AMMI Canada and CACMID began working together, the annual conference has evolved into a premier forum for experts in Infectious Diseases, Medical Microbiology, and Clinical Microbiology. This special year marks two decades of innovation, progress, shared knowledge and collaboration.



TAKE HOME A KEEPSAKE TO MARK THE MILESTONE!

Pick up your commemorative 20th anniversary pin at the registration desk (one per person) and help us celebrate this special occasion—as we look ahead to the next 20 years of collaboration and impact.

Boards



AMMI CANADA COUNCIL

President

Yves Longtin

President Elect

Susy Hota

Past President

Deb Yamamura

Treasurer

Christopher Lowe

Secretary

Jared Bullard

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 M. 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

Are you a Member?

TO JOIN AMMI CANADA PLEASE CONTACT:

Jared Bullard

Secretary, AMMI Canada

c/o AMMI Canada Secretariat

192 Bank Street, Ottawa ON K2P 1W8

membership@ammi.ca

For more information on AMMI Canada visit: www.ammi.ca

TO JOIN CACMID PLEASE CONTACT:

Jessica Forbes

Secretary, CACMID

c/o Eastern Ontario Regional Laboratory Association

501 Smyth Road, Ottawa, ON Box #115 K1H 8L6

info@cacmid.ca

For more information on CACMID visit: www.cacmid.ca

Collaborating Societies



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



scph

CSMLS



SCSLM

SOCIÉTÉ
CANADIENNE DE
THORACOLOGIE



CANADIAN
THORACIC
SOCIETY



Infection
Prevention
and Control
Canada



Prévention
et contrôle
des infections
Canada



General Information

About Calgary

Nestled in the foothills of the majestic Canadian Rockies, Calgary is a vibrant city renowned for its natural beauty, dynamic energy, and welcoming spirit. With a thriving arts scene, world-class dining, and rich cultural heritage—including attractions like the Calgary Stampede and the iconic Bow River—Calgary offers an inspiring setting for both business and leisure. The city's modern downtown skyline, complemented by expansive green spaces, makes it the perfect destination for the 2025 Annual Conference.

Calgary TELUS Convention Centre

The Calgary TELUS Convention Centre is committed to creating a welcoming and responsible event space by prioritizing sustainability and equity. Through green building practices, waste reduction programs, and energy-efficient operations, the Centre actively works to minimize its environmental impact. It is also proud to be the first convention centre in Canada to achieve Rainbow Registered accreditation, recognizing its inclusive policies, diversity training, and gender-neutral facilities. With a focus on equitable employment, including a diverse workforce and living wage certification, the Centre exemplifies leadership in building a more inclusive and sustainable future.

Conference Evaluations

Completing the conference evaluation is an important way to help us improve. Your feedback directly informs future planning—what worked, what could be better, and what topics matter most to you. We listen carefully and make changes based on your input to ensure the content we deliver continues to meet your needs and expectations.

The annual conference uses an online evaluation system.

Please use the links below to access the program and overall conference evaluations. Note that each link will become active on the morning of the corresponding day.

[Tuesday, April 29](#)

[Wednesday, April 30](#)

[Thursday, May 1](#)

[Friday, May 2](#)

[Overall Conference Evaluation](#)

The evaluations can also be accessed through the conference link tree, via this QR code.



Conflict of Interest Declarations

All conflict of interest declarations can be available online on the program page on the AMMI Canada - CACMID Annual Conference website

[VIEW COIs](#)



 **CFID**
Bug Run

11th Annual Bug Run

Date: Friday May 2nd

Time: 6:30 am MDT

Location: Marriott Lobby

The annual Bug Run is CFID's premier fundraising vehicle with every dollar raised used to support the next generation of infectious disease researchers. The 2025 Bug Run will take place in Calgary on May 2, 2025. Runners will meet at 6:30 am in the lobby of the Marriott Hotel and will run or walk along the Bow River starting at 7:00 am.

For those unable to attend in person, you can also do the run virtually, anytime during April up until May 1.

[CLICK HERE TO REGISTER](#)

General Information

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.

Hotels

CALGARY TELUS CONVENTION CENTRE

136 8 Ave SE, Calgary, AB T2P 0K6
[CTCC website](#)

CALGARY MARRIOTT DOWNTOWN HOTEL

(connected to the Convention Centre by the south building)
110 9th Avenue SE, Calgary, AB T2G 5A6
T: (403) 266-7331
[Marriott website](#)

HYATT REGENCY DOWNTOWN CALGARY

(connected to the Convention Centre by the north building)
700 Centre Street SE Calgary, AB T2G 5P6
T: (403) 717-1234
[Hyatt website](#)

FAIRMONT PALLISER HOTEL

(Connect to the CTCC by way of the Plus 15)
133 9 Ave SW, Calgary, AB T2P 2M3
T: (403) 262-1234
[Fairmont website](#)

Online Conference Platform - Oxford Abstracts

The annual conference will be using Oxford Abstracts as the online conference platform.

For optimal performance of the platform please use Google Chrome as the browser. Attendees will be able to view the entire program on a single page and view individual abstract details at the click of a button. Under the information tab attendees can find speaker biographies, floorplans, conference material and much more.

All registered attendees have access to the full online platform.

LOGIN HERE

If you have any issues with the online platform, please contact Krystal Sabourin at meetings@ammi.ca.

Printed Handouts

Printed handouts will not be provided at the conference. All session details and information are available in the Final Program, on the conference website, or via the conference Linktree.



GENERAL INFORMATION

Conference Secretariat

192 Bank Street Ottawa, ON K2P 1W8, Canada
Tel.: (613) 260-3233 ext. 105
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

Education Grants

AMMI Canada

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

ELIGIBILITY

The applicant must currently be enrolled in an Infectious Disease or Medical Microbiology training program AND be an AMMI Canada Member-in-Training in good standing. To be eligible, the applicant must register for the AMMI Canada – CACMID Annual Conference 2025 and pay the full student conference registration fee. One-day registrants are not eligible. AMMI Canada membership applications are only eligible if approved or in progress (application submitted) prior to the commencement of the conference on April 30, 2025. Each applicant is eligible for only one grant per annual conference.

APPLICATION

An education grant application form will be available online only. Please visit the registration desk during the conference to receive the QR code for access.

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

N.B: * Members-in-Training attending from the city of Calgary, AB, are ineligible.

CACMID

For Technical Staff, Clinical Research Scientists and Clinical Microbiology Fellows only.

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.

APPLICATION

An education grant application form will be available online only. Please visit the registration desk during the conference to receive the QR code for access.

Grants available are as follows:

- Up to \$450 for Technical Staff and Clinical Research Scientists attending from Calgary, Greater Calgary Area and International
- Up to \$750 for Technical Staff and Clinical Research Scientists attending from Alberta (not Calgary or Greater Calgary Area)
- Up to \$1,100 for Technical Staff and Clinical Research Scientists attending from British Columbia, Saskatchewan, Manitoba, Ontario, Québec
- Up to \$1,500 for Technical Staff and Clinical Research Scientists attending from New Brunswick, Nova Scotia, Newfoundland and Labrador, PEI, NWT, Yukon and Nunavut
- Up to \$1,500 for Clinical Microbiology Fellows enrolled in a Canadian training program

Association, Committee and Other Group Meetings

■ : Marriott Calgary Downtown

■ : Calgary Telus Convention Centre – South Building

MONDAY, APRIL 28

12:00 – 16:30

AMMI Canada Council Meeting

Location: ■ : Acadia AB

Chair: Yves Longtin

TUESDAY, APRIL 29

08:00 – 13:00

AMMI Canada Council Meeting

Location: ■ : Acadia AB

Chair: Yves Longtin

12:00 – 17:00

AMMI Canada Clinical Research Network (CRN) Meeting

Location: ■ : Glen 208-209

Chair: Dominik Mertz

17:30 – 18:30

CACMID Board Meeting

Location: ■ : Acadia AB

Chair: Prameet Sheth

WEDNESDAY, APRIL 30

07:00 – 08:30

AMMI Canada AGM and Sections Meeting

Location: ■ : Glen Room 208-209

Chair: Yves Longtin

THURSDAY, MAY 1

07:00 – 08:30

CACMID AGM and Sections Meeting

Location: ■ : Glen Room 208-209

Chair: Prameet Sheth

18:30 – 21:30

JAMMI Editorial Board Meeting

Location: ■ : Acadia A

Chair: Gerald Evans

17:30 - 19:00

AMMI Canada Phage Therapy Meeting

Location: ■ : Acadia B

Chair: Greg German

FRIDAY, MAY 2

07:00 – 08:30

CCM AGM and Sections Meeting

Location: ■ : Glen Room 208-209

Chair: Samir Patel

07:00 – 08:30

AMMI Canada Paediatric Committee and PICNIC Meeting

Location: ■ : Glen Room 206

Chair: Shaun Morris

Registration Desk

Location:

Exhibition Hall Foyer

CTCC North Building Second Floor

Tuesday April 29: 11:00 – 17:00

Wednesday April 30: 07:00 – 18:30

Thursday May 1: 07:00 – 17:00

Friday May 2: 07:00 – 17:00

Internet Café

Location:

Exhibition Hall Foyer

CTCC North Building Second Floor

Wednesday April 30: 07:00 – 18:30

Thursday May 1: 07:00 – 17:00

Friday May 2: 07:00 – 17:00

Speaker Ready Room

Location:

Glen 205

CTCC South Building Second Floor

Tuesday April 29: 08:00 – 18:00

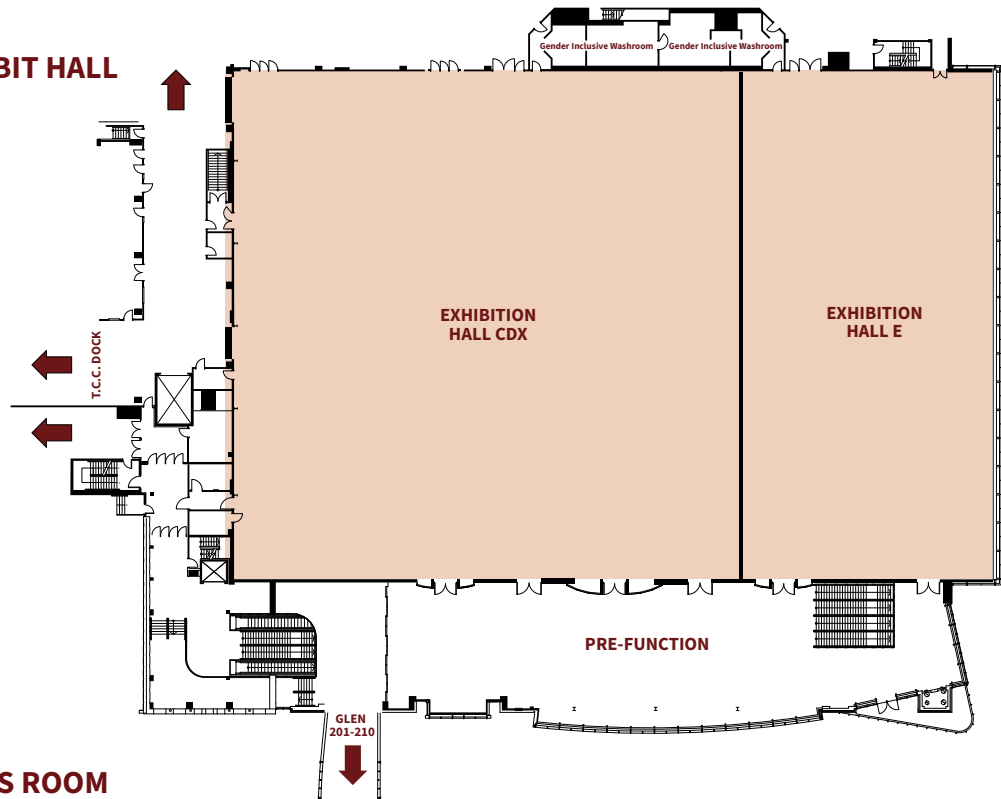
Wednesday April 30: 07:00 – 16:30

Thursday May 1: 07:00 – 16:00

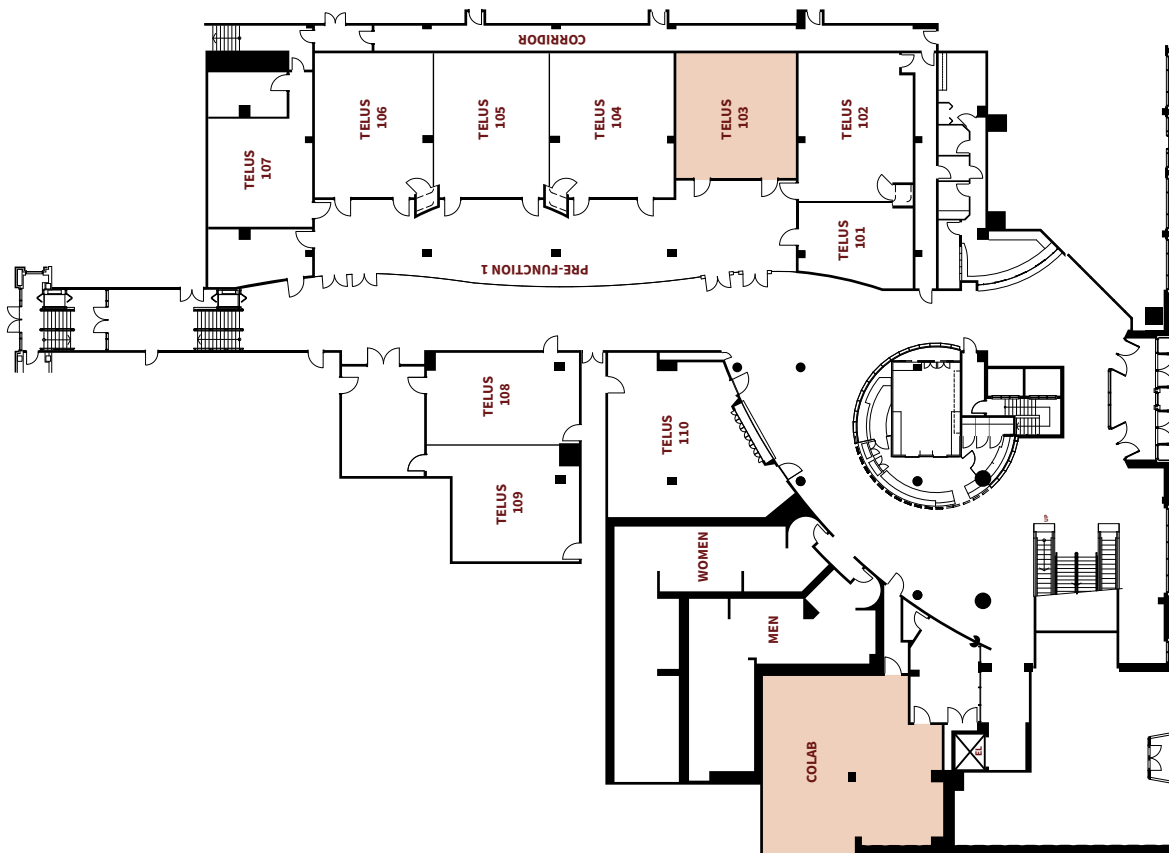
Friday May 2: 07:00 – 16:00

Floor Plans

NORTH TOWER - EXHIBIT HALL



NORTH TOWER - TELUS ROOM



Floor Plans

SOUTH TOWER - GLEN ROOMS



Welcome and Recognition Reception

Date: Wednesday, April 30

Time: 16:30 – 18:30

Location: Calgary Telus Convention Centre

Room: Exhibit Hall (Exhibition Hall CDX, North Building 2nd Floor)

You are warmly invited to the 2025 Annual Conference **Welcome and Recognition Reception**—an opportunity to connect, celebrate, and kick off the conference in style.

Join members of the planning committees, speakers, sponsors, exhibitors, and fellow delegates in a relaxed, informal setting. Enjoy light refreshments as you explore the exhibit hall and poster displays. Poster presenters are encouraged to be at their posters to discuss their work and answer questions.

Take a moment to catch up with colleagues and make new connections. A photo booth will be available for official photos of award recipients, group shots with friends and colleagues, and casual photo fun throughout the evening.

Let's celebrate the start of a memorable conference experience—together.



Celebrating Excellence

Date: Wednesday, April 30, 2025

Time: 08:45

Location: Exhibition Hall E – CTCC (2nd floor – North Bld)



AMMI CANADA LIFETIME ACHIEVEMENT AWARD

Dr. Mark B. Loeb

MD, MSc, FRCPC, FRSC, FCAHS, FIDSA, FAMMI



AMMI CANADA FIONA SMAILL AWARD

Dr. Connor Prosty

BSc, MD



AMMI CANADA NEW INVESTIGATOR AWARD

Dr. Sylvain Lothier

MD, MSc, FRCPC, DTMH



AMMI CANADA TRAINEE RESEARCH AWARD

Dr. Dara Petel

MDCM, FRCPC



JAMMI TRAINEE PUBLISHED MANUSCRIPT AWARD

Dr. Eugene Yeung



JOHN G. FITZGERALD CACMID OUTSTANDING MICROBIOLOGIST AWARD

Dr. Susan Poutanen

MD, FRCPC



CACMID MENTORSHIP AWARD

Dr. Ramzi Fattouh

PhD, FCCM



CACMID EARLY CAREER AWARD

Dr. Robert Kozak

PhD, FCCM



CACMID MICHAEL R. MULVEY STUDENTSHIP AWARD

Josephine Davey-Young



DR. JOHN M. EMBIL MENTORSHIP AWARD IN INFECTIOUS DISEASES

Dr. Annie Claude-Labbé

MD, FRCPC



DR. JUAN A. EMBIL TRAINEE AWARD OF EXCELLENCE IN INFECTIOUS DISEASES RESEARCH

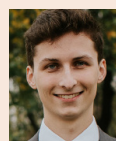
Dr. Jeffrey Wong

MD, FRCSC, AAHIVS



AMMI CANADA – CFID MEDICAL STUDENT RESEARCH AWARD

Anish Krishnan



ALTONA DIAGNOSTICS CANADA MEDICAL STUDENT RESEARCH AWARD

Jay Wieler



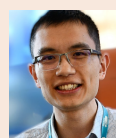
CFID UNDERGRADUATE SUMMER RESEARCH AWARD

Jack Boule



CFID UNDERGRADUATE SUMMER RESEARCH AWARD

Karan Desai



CFID POST GRADUATE TRAVEL AWARD

Dr. Calvin Lo

MD, DTM&H

Student Poster and Oral Awards

Date: Friday, May 2, 2025
Time: 08:45 – 09:00
Room: Exhibition Hall E – CTCC (2nd floor – North Bld)

Masters of Ceremony:

Yves Longtin (Montréal, QC)
Prameet M. Sheth (Kingston, ON)

2025 AMMI CANADA STUDENT POSTER AWARD

2025 CACMID STUDENT POSTER AWARD

2025 CACMID PRESIDENT'S STUDENT POSTER AWARD

2025 CACMID TECHNOLOGIST/CLINICAL RESEARCH SCIENTIST POSTER AWARD

2025 CACMID STUDENT ORAL ABSTRACT AWARD

2025 CCM STUDENT POSTER AWARD

2025 CCM DR. KENNETH ROZEE MEMORIAL STUDENT POSTER AWARD

2025 PICNIC DR. SUSAN KING PAEDIATRIC ABSTRACT AWARD

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 17.5 CME credits. Please use the following link to claim your CME hours.

CME CREDIT FORM 2025

A “My MOC” Platform (formerly MAINPORT)

In prior years, Group Learning Activities such as conferences were transferred directly into participants' MAINPORT ePortfolio. With the launch of the new “My MOC” platform in August 2024, participants are asked to submit their conference activity hours manually into their “My MOC”, which can be accessed through “[My Portal](#)” 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.

Certificates of Attendance

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

Accredited Co-Developed Learning Activities

REGISTRATION IS NOT REQUIRED, ALL ARE WELCOME

Location: Exhibition Hall E – CTCC (2nd floor – North Bld)

Date: Wednesday, April 30

Time: 11:00 – 12:00

Protecting Infants from RSV: Transforming NACI Recommendations for Effective RSV Prophylaxis into Powerful Public Health Outcomes

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, May 1

Time: 10:30 – 11:30

Advancements in the Management of Complicated Gram-Positive Infections: Reviewing Recent Clinical Trials, Cost-Effectiveness of Treatment Options, and Their Application in Clinical Practice in Canada

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 Paladin Pharma Inc. 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: Friday, May 2

Time: 10:45 – 11:45

Two Sides of the Same Coin: Adult Vaccination for Disease Prevention and 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 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: Friday, May 2

Time: 13:00 – 14:00

Chronic Hepatitis B Management: Navigating Guidelines, Quantitative HBsAg Interpretation and Implementation, and Clinical Case Applications

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 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.

CONCURRENT

Co-Developed Accredited Learning Activities

REGISTRATION IS NOT REQUIRED

ALL ARE WELCOME TO A MAXIMUM OF 150 PEOPLE PER ROOM

Date: Thursday, May 1

Location: Glen 201/202 – CTCC (2nd floor – South Bld)

Times: 14:30 – 15:30

Disrupting the Cycle: Bi-Directionality of Viral Infection, Underlying Conditions, and the Role of Immunization

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 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, May 1

Location: Glen 203/204 – CTCC (2nd floor – South Bld)

Times: 14:30 – 15:30

Breathing Easy: Immunization and Treatment of Respiratory Infections in All Ages

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 Inc. 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, May 1

Location: Glen 206 – CTCC (2nd floor – South Bld)

Times: 14:30 – 15:30

The Future is Now: Current Practice and Advancements in the Diagnosis and Treatment of Recurrent *C. difficile* Infection

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 Ferring Pharmaceuticals 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

CanMEDS

CanMEDS is the framework that identifies and describes the abilities physicians require to effectively meet the health care needs of the people they serve. These abilities are grouped thematically under seven rules. A competent physician seamlessly integrates the competencies of all seven CanMEDS roles. CanMEDS roles have been identified for each session taking place during the annual conference.

ME Medical Expert

SC Scholar

PR Professional

CL Collaborator

CO Communicator

LE Leader

HA Health Advocate

(2022). Royal College of Physicians and Surgeons of Canada. CanMEDS Framework

Pre-Conference Program

*Information available at time of publication – subject to change

** All times indicated in Canadian Mountain Daylight time zone

Monday, April 28

12:00 - 16:30 AMMI CANADA COUNCIL

Acadia AB - Marriott (2nd floor)

Tuesday, April 29

08:00 - 12:00 AMMI CANADA COUNCIL

Acadia AB - Marriott (2nd floor)

08:00 - 12:00 ESCAPE ROOM

Colab Room - CTCC (1st floor – North Bld)
Sign Up (last group entrance at 11:00)

08:00 - 18:00 FCCM EXAM

Hillhurst- Marriott (2nd floor)

08:00 - 18:00 SPEAKER READY ROOM

Glen 205 - CTCC (2nd floor – South Bld)

11:00 - 17:00 CONFERENCE REGISTRATION

Exhibition Hall Foyer - CTCC
(2nd floor – South Bld)

12:00 - 17:00 AMMI CANADA CLINICAL RESEARCH NETWORK (CRN) MEETING

Glen 208/209- CTCC (2nd floor – South Bld)

12:00 - 13:00

Lunch

13:00 - 17:00

Meeting

12:15 - 17:00 TRAINEES' DAY

Glen 201/202 - CTCC (2nd floor – South Bld)

12:15 - 12:45

Trainees' Day Registration

12:45 - 14:15

Job Prospects, Career Development, and

Contract Negotiation

PR **LE**

Moderator:

Jason Zou (BC)

Speakers:

Adam S. Komorowski (ON)

Natalie C. Marshall (AB)

Anthony Lieu (BC)

Cora Constantinescu (AB)

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

- Describe various career pathways available in medical microbiology and infectious diseases.
- Identify key skills and experiences to enhance employability post-training.
- Discuss effective techniques for succeeding in job interviews and contract negotiations.

14:30 - 15:30 EXAM PREPARATION FOR ADULT & PAEDIATRIC INFECTIOUS DISEASES/ MEDICAL MICROBIOLOGY AND CLINICAL MICROBIOLOGY

ME **SC**

Moderator:

Joseph Zeppa (ON)

Speakers:

Catherine Hogan (BC)

Natalie C. Marshall (AB)

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

- Discuss practical aspects of the exam, including candidacy, timelines, format, and logistical considerations.
- Discuss an approach to effective exam prep (e.g. development of a study plan, identification of key resources, and formation of a study group).
- Discuss potential challenges such as burnout, competing priorities, and scheduling that may be encountered during exam prep, along with possible solutions.

15:45 - 17:00 MICROBIAL PURSUIT TRIVIA GAME

Moderator:

Shaqil Peermohamed (BC)

17:00 - 18:00 TRAINEES' DAY AND AMMI CANADA CRN RECEPTION

Glen Rooms Foyer - CTCC
(2nd floor – South Bld)

17:30 - 18:30 CACMID BOARD MEETING

Acadia AB - Marriott
(2nd floor)

CanMEDS

ME Medical Expert

CO Communicator

SC Scholar

LE Leader

PR Professional

HA Health Advocate

CL Collaborator

Conference Program *Subject to change

Wednesday, April 30

07:00 – 18:30 CONFERENCE REGISTRATION

Exhibition Hall Foyer - CTCC
(2nd floor – South Bld)

07:00 – 18:30 INTERNET CAFÉ

Exhibition Hall Foyer - CTCC
(2nd floor – South Bld)

07:00 – 16:30 SPEAKER READY ROOM

Glen 205 - CTCC (2nd floor – South Bld)

07:00 – 08:30 AMMI CANADA AGM

Glen 208/209 – CTCC (2nd floor – South Bld)

08:00 – 19:00 ESCAPE ROOM

Colab Room - CTCC (1st floor – North Bld)
Sign Up (last group entrance at 17:00)

08:45 – 10:30 WELCOME, OPENING CEREMONIES, AWARDS AND PLENARY

Exhibition Hall E - CTCC (2nd floor – North Bld)

09:00 – 10:30 PLENARY: USE OF AI IN THE DIAGNOSIS AND MANAGEMENT OF INFECTIOUS DISEASES AND MICROBIOLOGY



Moderators: Yves Longtin (QC) and Prameet Sheth (ON)

Speakers: Susan Poutanen (ON)
Kathryn Suh (ON)
Jonathan Stokes (ON)

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

- Describe applications of artificial intelligence in medical microbiology and infectious diseases.
- Discuss the potential uses of AI for infection prevention and control.
- Describe how AI can accelerate antibiotic discovery.

10:30 – 18:30 EXHIBIT HALL OPEN / POSTER VIEWING

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

10:30 – 11:00 BREAK IN EXHIBIT HALL

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

11:00 – 12:00 PROTECTING INFANTS FROM RSV: TRANSFORMING NACI RECOMMENDATIONS FOR EFFECTIVE RSV PROPHYLAXIS INTO POWERFUL PUBLIC HEALTH OUTCOMES



Exhibition Hall E - CTCC (2nd floor – North Bld)

(Co-developed learning activity, all are welcome, no registration required)

Moderator: Samuel Bourassa-Blanchette (NL)

Speaker: Jesse Papenburg (QC)

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

- Examine the 2024/2025 RSV epidemiology and assess its impact on infants, their families, and the healthcare system.
- Understand the 2024 NACI recommendations and the rationale for universal RSV prevention in infants.
- Evaluate Canadian and global real-world data on the effectiveness of RSV prophylaxis in infants.
- Explore strategies, best practices, and challenges in implementing universal RSV prophylaxis programs in Canada and internationally.

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12:00 – 14:00 LUNCH AND POSTER VIEWING IN EXHIBIT HALL

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

12:30 – 13:30 GENERAL POSTER PRESENTERS AT POSTERS TO ANSWERS QUESTIONS

P001 – P137 (See pages 41 for details)

Exhibition Hall CDX - CTCC (2nd floor – North Bld)

14:00 – 15:00 CONCURRENT SESSIONS

14:00 - 15:00



MASTERCLASS A - Disaster Planning 101 for Microbiology Labs - Lessons Learned from Experience

Glen 201/202 – CTCC (2nd floor – South Bld)
(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Esther Nagai (ON)

Speakers: Marc Desjardins (ON)
Tomy Joseph (BC)

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

- Describe the impact of internal incidents on laboratory workflow and quality.
- Describe the potential impact of incidents on staff safety, biosafety and privacy.
- Describe the impact of external incidents on laboratory workflow and services.

14:00 - 15:00



MASTERCLASS B - Oral vs Intravenous Antibiotics for Bone and Joint Infections

Glen 203/204 – CTCC (2nd floor – South Bld)
(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Adam Komorowski (ON)

Speakers: Philip W. Lam (ON)
Philippe Lagacé-Wiens (MB)

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

- Describe the evidence and recent AMMI Canada-COA Joint Statement supporting the use of oral antibiotic therapy for prosthetic joint infections.
- Examine the areas of uncertainty in the oral antibiotic treatment of prosthetic joint infections.
- Describe how microbiology laboratories may modify antimicrobial susceptibility testing and reporting in light of new recommendations for the treatment of prosthetic joint infections.
- Describe the optimal approach to specimen collection for the diagnosis of PJI and explain how culture methods may impact sensitivity in the diagnosis of prosthetic joint infections.

14:00 - 15:00



MASTERCLASS C - Medical Disinformation

Glen 208/209 – CTCC (2nd floor – South Bld)
(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Marthe Charles (BC)

Speaker: Angel N. Desai (CA)

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

- Describe why patients/parents may not want to take advice of specialists.
- Learn approaches to communication with people who disagree with you on medical approach that are most likely to result in positive outcomes.

14:00 - 14:30



LIGHTNING LEARNING 1 - Group A Streptococcus Update

Glen 206 - CTCC (2nd floor – South Bld)
(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Earl Rubin (QC)

Speaker: Vanessa Meier-Stephenson (AB)

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

- List the prevailing serotypes of *Streptococcus pyogenes* causing invasive disease and scarlet fever.
- Describe the prevalence of *Streptococcus pyogenes* in the community pre, concurrent, and post COVID restrictions.

14:40 - 15:10



LIGHTNING LEARNING 2 - "Through the Air": Update on Terminology of Transmission of Acute Respiratory Infections

Glen 206 - CTCC (2nd floor – South Bld)
(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Ninad Mehta (SK)

Speaker: Jeya T. Nadarajah (ON)

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

- Discuss evolving terminology across various jurisdictions describing the transmission of pathogens through the air including respiratory viruses.
- Discuss operational and practical implications for Infection and Prevention Control measures.

15:10 - 15:30

Break in Exhibit Hall

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

15:30 – 16:30 ORAL PRESENTATIONS A – STUDENT COMPETITION (A01 – A04)

Glen 201/202 - CTCC (2nd floor – South Bld)

A01 - Understanding infection kinetics and clinical outcomes in participants enrolled in a *Bordetella pertussis* controlled human infection model

Ashley Osa-Peters, May ElSherif, Scott Halperin, Wade Blanchard
Dalhousie University, Halifax, NS, Canada

A02 - ResaCPE: a rapid, low-cost colourimetric assay for the clinical detection of carbapenemase-producing Enterobacterales
Mitchell A Jeffs¹, Xena X Li², Prameet M Sheth¹, Christopher T Lohans¹

¹Queen's University, Kingston, ON, Canada. ²Shared Hospital Lab, Toronto, ON, Canada

A03 - Characterization of Methicillin-Resistant *Staphylococcus aureus* in Canadian Hospitals: 17 Years of the CANWARD study 2007-2023

Anissa Brahami¹, James A Karlowsky^{1,2}, Melissa McCracken³, George Golding³, Kimberly A Nichol², Melanie Baxter¹, Heather J Adam^{1,2}, Philippe Lagacé-Wiens^{1,2}, George G Zhanel¹

¹Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada, Winnipeg, MB, Canada. ²Clinical Microbiology, Diagnostic Services, Shared Health, Winnipeg, MB, Canada, Winnipeg, MB, Canada. ³National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada, Winnipeg, MB, Canada

A04 - Comparison of pharyngeal and invasive isolates of *Streptococcus pyogenes* by whole genome sequencing
Joseph J Zeppa¹, Ellen G Avery¹, Patryk Aftanas², Erin Choi², Simone Uleckas², Prachi Patel², Nicholas Wagglechner², Hubert Jimenez², Christie Vermeiren^{1,2,3}, Kevin Katz^{1,2,3}, Xena Li^{2,3}, Finlay Maguire^{2,4,5}, Robert Kozak^{1,2,3}

¹Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada. ²Shared Hospital Laboratory, Toronto, ON, Canada. ³Laboratory Medicine and Molecular Diagnostics, Sunnybrook Health Sciences Centre, Toronto, ON, Canada. ⁴Department of Community Health & Epidemiology, Dalhousie University, Halifax, NS, Canada. ⁵Faculty of Computer Science, Dalhousie University, Halifax, NS, Canada

15:30 – 16:30 ORAL PRESENTATIONS B (B01 – B04)

Glen 203/204 - CTCC (2nd floor – South Bld)

B01 - Characterization of Carbapenemase-producing Enterobacterales and *Pseudomonas aeruginosa* in Manitoba hospitals between 2014-2024

Philippe Lagacé-Wiens^{1,2}, Jordan Hrynkiw², Heather J Adam^{1,2}, Andrew Walkty^{1,2}, Chritine Turenne^{1,2}, David Alexander^{1,2}, James A Karlowsky^{1,2}

¹Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada.

²Diagnostic Services, Shared Health, Winnipeg, MB, Canada, Winnipeg, MB, Canada

B02 - The Bridge outreach infectious diseases clinic: A quality improvement community partnership initiative in Halifax, Nova Scotia

Jacqueline Atkinson¹, Harold Cook¹, Lauren Sorg¹, Karen Manuel², Michael Gniewek^{1,3}, Leah Genge^{1,3}, Thomas Brothers^{4,5}, Mariah Hughes^{4,5}

¹Mobile Outreach Street Health (MOSH), North End Community Health Centre, Halifax, NS, Canada. ²Victoria Order of Nursing (VON) Clinic, Dartmouth, NS, Canada. ³Department of Family Medicine, Dalhousie University, Halifax, NS, Canada. ⁴Department of Medicine, Dalhousie University, Halifax, NS, Canada. ⁵Nova Scotia Health Authority, Halifax, NS, Canada

B03 - Evaluation of a mobile, community-based Point-of-Care Test-and-Treat model to address the syphilis epidemic in Saskatchewan: High uptake of immediate intramuscular Penicillin G Benzathine through community-based interventions in underserved populations

Skinner Stuart^{1,2}, Williamson Nikki^{1,2}, Visna Rampersad³, Cara Spence^{1,2}, Sean Rourke^{4,5,6,7}, Kristin MacLennan^{4,5,6,7}, Rick Galli^{4,5,6,7}, Mary Zettl¹, Claire Allen^{1,2}

¹University of Saskatchewan, Saskatoon, SK, Canada. ²Wellness Wheel Medical Clinic, Regina, SK, Canada. ³Indigenous Services Canada, Regina, SK, Canada. ⁴Unity Health, Toronto, ON, Canada. ⁵REACH Nexus, Toronto, ON, Canada. ⁶MAP Centre for Urban Health Solutions, Toronto, ON, Canada. ⁷St. Michael's Hospital, Toronto, ON, Canada

B04 - Decoding Bloodstream Infections: Insights from the Calgary BSI Cohort show minimal co-segregation between microbial traits and clinical outcomes

Annegret Ulke-Lemee¹, Rory Gilliland¹, Mario Valdés-Tresanco¹, Morgan Hepburn¹, Ryan Groves¹, Anika Westlund¹, Andrey Plakhotnyk¹, Gopal Ramamourthy¹, Daniel B Gregson¹, Thi Mui Pham², Tatum Mortimer³, Josh Smith⁴, Bruce Walker⁴, Yonatan Grad², Ashlee Earl⁴, Hallgrimur Benediktsson¹, Ethan MacDonald¹, Ian Lewis¹

¹University of Calgary, Calgary, AB, Canada. ²Harvard T. H. Chan Sch. of Publ. Hlth, Cambridge, MA, USA. ³Univ. of Georgia, Athens, GA, USA. ⁴Broad Institute, Boston, MA, USA

15:30 – 16:30 Rapid Fire Presentations A – Student Posters (RFA001 – FRA012)

Glen 206 - CTCC (2nd floor – South Bld)

See page 70 for full details

15:30 – 16:30 Rapid Fire Presentations B (RFB001 – FRB012)

Glen 208/209 - CTCC (2nd floor – South Bld)

See page 70 for full details

16:30 – 18:30 WELCOME AND RECOGNITION RECEPTION

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

Thursday, May 1

07:00 – 17:00 CONFERENCE REGISTRATION

Exhibition Hall Foyer -
CTCC (2nd floor – South Bld)

07:00 – 17:00 INTERNET CAFÉ

Exhibition Hall Foyer -
CTCC (2nd floor – South Bld)

07:00 – 16:00 SPEAKER READY ROOM

Glen 205 - CTCC (2nd floor – South Bld)

07:00 – 08:30 CACMID AGM

Glen 208/209 – CTCC (2nd floor – South Bld)

08:00 – 18:00 ESCAPE ROOM

Colab Room - CTCC (1st floor – North Bld)
Sign Up (last group entrance at 17:00)

08:45 – 10:00 WELCOME, AWARDS AND STATE OF THE ART LECTURE (START)

Exhibition Hall E - CTCC
(2nd floor – North Bld)

09:00 – 10:00 THE IMPACT OF CLIMATE CHANGE ON THE DELIVERY OF LAB MEDICINE IN CANADA



Moderator: Jessica Forbes (ON)

Speakers: Shawn Clark (ON)
Sheri Scott (UK)

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

- Describe the impact of climate change on epidemiology of infectious diseases in Canada.
- Discuss the impact of climate change on delivery of clinical and lab services in Canada.
- Consider the impact of clinical/laboratory medicine on climate change.

10:00 – 15:30 EXHIBIT HALL OPEN / POSTER VIEWING

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

10:00 – 10:30 BREAK IN EXHIBIT HALL

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

10:30 – 11:30 ADVANCEMENTS IN THE MANAGEMENT OF COMPLICATED GRAM- POSITIVE INFECTIONS: REVIEWING RECENT CLINICAL TRIALS, COST-EFFECTIVENESS OF TREATMENT OPTIONS, AND THEIR APPLICATION IN CLINICAL PRACTICE IN CANADA



Exhibition Hall E - CTCC
(2nd floor – North Bld)

*(Co-developed learning activity.
No pre-registration required.)*

Moderator: Will Connors (BC)

Speaker: Nicholas A. Turner (NC)

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

- Summarize the key findings from recent clinical trials on new treatments for complicated Gram-positive infections.
- Discuss the impact of emerging treatment options on patient preference and potential resource savings.
- Assess strengths, limitations, and remaining gaps in the data informing treatment of complicated Gram-positive infections.

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Under the guidance of the Innovative Medicines Canada Code of Ethical Practices, this event is for healthcare professionals only.

11:30 – 11:40 Transition Break

11:40 – 12:40 Oral Presentations C – Student Competition (C01 – C04)

Glen 201/202 - CTCC (2nd floor – South Bld)

C01 - Validation of agar-based methodologies compared to broth disc elution for the detection of aztreonam-avibactam susceptibility among MDR gram-negative organisms
Teslin S Sandstrom¹, Andra Banete¹, Alice Kanyua¹, Kevin Davis², Susan M Poutanen^{1,2,3}

¹Division of Medical Microbiology, Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada. ²Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada. ³University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada

C02 - Monitoring Microbial Populations using a LC/MS – Machine Learning Combined Method

Mario F Valdes-Tresanco¹, Annegret Ulke-Lemee¹, Andrey Plakhotnyk¹, Morgan Hepburn¹, Joshua Smith², PRIME Consortium¹, Ian A Lewis¹

¹University of Calgary, Calgary, AB, Canada. ²Broad Institute of MIT and Harvard, Boston, MA, USA

C03 - Immune recovery and activation among people with HIV on antiretroviral therapy: risk factors associated with delayed CD4+ T-cell and CD4+/CD8+ ratio recovery

Layla Al-Yasiri¹, M. John Gill^{2,3}, Hartmut Krentz^{2,3}, Raynell Lang^{3,4}

¹Cumming School of Medicine, University of Calgary, Calgary, AB, Canada.

²Department of Medicine, University of Calgary, Calgary, Canada.

³Southern Alberta Clinic, Alberta Health Services, Calgary, AB, Canada.

⁴Department of Medicine and Community Health Sciences, University of Calgary, Calgary, AB, Canada

C04 - Consequences of blood culture contamination at a large Canadian hospital network

Clayton W Hall^{1,2}, Charlotte Fuller^{1,2}, Sonya Ramondino^{1,2,3}, Cheryl Main^{1,2,3}

¹Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada. ²Microbiology Laboratory, Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada. ³Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada

11:40 – 12:40 Oral Presentations D (D01 – D04)

Glen 203/204 - CTCC (2nd floor – South Bld)

D01 - Exploring implementation contexts of immunization assessment tools in three Canadian provinces: Perspectives from policy makers, vaccine administrators, and community members
Jessica Mannette^{1,2}, Lauren Delaney^{1,2}, Bailey Selig^{1,2}, Cristina Zuniga Chacon^{1,2}, Katherine Salter^{1,2}, Stephana Julia Moss^{1,2}, Kathryn McIsaac³, Erin Bentley⁴, Sarah Buchan⁵, Donna Halperin^{1,6}, Scott Halperin^{1,2}, Jeanna Parsons Leigh^{1,2}, Jeannette Comeau^{1,2,7}, for the Canadian Immunization Research Network (CIRN) Investigators⁸

¹Canadian Center for Vaccinology, Halifax, NS, Canada. ²Dalhousie University, Halifax, NS, Canada. ³Nova Scotia Department of Health and Wellness, Halifax, NS, Canada. ⁴Prince Edward Island Department of Health and Wellness, Charlottetown, PEI, Canada. ⁵Public Health Ontario, Toronto, ON, Canada. ⁶St. Francis Xavier University, Antigonish, NS, Canada. ⁷IWK Health, Halifax, NS, Canada. ⁸Public Health Agency of Canada, Ottawa, ON, Canada

D02 - Drugs associated with *Clostridioides difficile* infection (CDI) risk in Ontario, Canada; a pharmacopeia-wide case-cohort study
Kevin A Brown^{1,2}, Bryan Coburn³, Alejandro Hernandez⁴, Bradley Langford⁵, Valerie Leung⁵, Derek MacFadden⁶, Kevin Schwartz⁵, Nick Daneman⁷

¹Public Health Ontario, Toronto, ON, Canada. ²Dalla Lana School of Public Health, Toronto, ON, Canada. ³University Health Network, Toronto, ON, Canada. ⁴ICES, Toronto, ON, Canada. ⁵Public Health Ontario, Toronto, ON, Canada. ⁶Ottawa Hospital, Ottawa, ON, Canada. ⁷Sunnybrook Hospital, Toronto, ON, Canada

D03 - Real-time detection of loop-mediated isothermal amplification (LAMP) using you only look once (YOLO) based machine learning algorithm

Biniyam Mezgebo¹, Ryan Chaffee², Ricardo Castellanos², Shoaib Ashraf², Jack Gaffney², Johann Pitout², Iorga Bogdan³, Ethan MacDonald⁴, Dylan Pillai²

¹Department of Pathology & Laboratory Medicine, University of Calgary, Calgary, AB, Canada. ²Department of Pathology & Laboratory Medicine, Medicine, and Microbiology, Immunology and Infectious Diseases, University of Calgary, Calgary, AB, Canada. ³Université Paris-Saclay, CNRS UPR 2301, Institut de Chimie des Substances Naturelles, Gif-sur-Yvette, Gif-sur Yvette, France. ⁴Department of Biomedical Engineering, University of Calgary, Calgary, AB, Canada

D04 - Increased incidence of Vancomycin-resistant *Enterococcus faecalis* in a large hospital network 2022-2024

Nicholas Waglechner¹, Erin Choi¹, Manija Rahimi¹, Patryk Aftanas¹, Robert Kozak^{1,2,3}, Xena Li^{1,2,4}, Kevin Katz^{1,2,3,4}, Christie Vermeiren^{1,3}

¹Shared Hospital Laboratory, Toronto, ON, Canada. ²Sunnybrook Health Sciences, Toronto, ON, Canada. ³Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada. ⁴North York General Hospital, Toronto, ON, Canada

11:40 – 12:40 Rapid Fire Presentations C – Student Posters (RFC001 – FRC012)

Glen 206 - CTCC (2nd floor – South Bld)

See page 70 for full details

11:40 – 12:40 Rapid Fire Presentations D (RFD001 – FRD012)

Glen 208/209 - CTCC (2nd floor – South Bld)

See page 70 for full details

12:40 – 15:30 LUNCH AND POSTER VIEWING IN EXHIBIT HALL

Exhibition Hall CDX - CTCC

(2nd floor – North Bld)

13:15 – 14:15 RAPID FIRE AND CASE REPORT PRESENTERS AT POSTERS TO ANSWERS QUESTIONS

**FRPA001 – FRPA012,
FRPB001 – FRPB012,
FRPC001 – RFPC001 – FRPC012,
RFPD001 – FRPD012 and CRP001 –
CRP032**

(See page 70-83 for details)

Exhibition Hall CDX - CTCC

(2nd floor – North Bld)

CONCURRENT SESSIONS

14:30 - 15:30



Disrupting the Cycle: Bi-Directionality of Viral Infection, Underlying Conditions, and the Role of Immunization

Glen 201/202 – CTCC
(2nd floor – South Bld)

(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Ramzi Fattouh (ON)

Speakers: Matthew S. Miller (ON)
Wayne Ghesquiere (BC)
Vivien Brown (ON)

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

- Discuss changes in the immune system due to aging and underlying chronic conditions (e.g. cardiovascular disease, diabetes mellitus, and chronic obstructive pulmonary disease) and how these changes can influence risk of viral infection and complications.
- Describe the role of vaccination and the existing evidence to support protecting special populations and reducing negative outcomes.
- Discuss how the existing evidence may be incorporated into the discussion between health care professionals and patients on immunization and inform the value proposition for public and individual decision making.

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) 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 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.

14:30 - 15:30



Breathing Easy: Immunization and Treatment of Respiratory Infections in All Ages

Glen 203/204 – CTCC
(2nd floor – South Bld)

(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Earl Rubin (QC)

Speakers: Leighanne O. Parkes (QC)
Jeannette Comeau (NS)

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

- Discuss the epidemiology and burden of common

respiratory infections including RSV, COVID-19, Influenza and Pneumococcal Disease.

- Examine the evolution and impact of COVID-19 prevention and management policies, highlighting key changes and future implications.
- Discuss strategies and practice recommendations to help reduce the burden of these common infections.

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) 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 Inc. 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.

14:30 - 15:30



The Future is Now: Current Practice and Advancements in the Diagnosis and Treatment of Recurrent *C. difficile* Infection

Glen 206 – CTCC
(2nd floor – South Bld)

(No registration required, all welcome to a maximum of 150 participants per room)

Moderator: Prameet Sheth (ON)

Speakers: Dina Kao (AB)
Thomas Louie (AB)

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

- Discuss the current best practice for the diagnosis and guideline recommended treatment of recurrent *C. difficile* infection.
- Understand the role of microbiome restoration in preventing recurrent *C. difficile* infection and the current fecal microbia transplantation program in Canada.
- Describe the appropriate use, safety and efficacy of current and future fecal microbia transplantation products.

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) 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 Ferring Pharmaceuticals 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.

15:30 – 15:40

Transition Break

CONCURRENT SESSIONS

15:40 - 16:40



MASTERCLASS D - Multidisciplinary Team-Based Care

Glen 208/209 – CTCC (2nd floor – South Bld)
(No pre-registration required. Room can accommodate 150 participants)

Moderator: Samuel Bourassa-Blanchette (NL)

Speakers: Lawrence Lau (ON)
Ruth Coulton (ON)
Benjamin Leis (SK)
Aly Ghoneim (SK)

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

- Summarize how to develop a multidisciplinary team-based approach to endocarditis care.
- Describe how to apply a team-based approach to endocarditis care in diverse patient populations.

15:40 - 16:40



MASTERCLASS E - Pertussis

Glen 203/204 – CTCC (2nd floor – South Bld)
(No pre-registration required. Room can accommodate 150 participants)

Moderator: Earl Rubin (QC)

Speaker: Scott A. Halperin (NS)

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

- Understand the etiology, pathology and clinical manifestations of *B. pertussis*.
- Describe the recent epidemiology of this disease and review diagnostic methods.
- Provide updates on treatment strategies and vaccination, including potential future strategies for outbreak management.

15:40 - 16:10



LIGHTING LEARNING 3 - BIOINFORMATIC ANALYSIS OF MICROBIAL GENOMIC DATA - QUALITY FRAMEWORK

Glen 206 – CTCC (2nd floor – South Bld)
(No pre-registration required. Room can accommodate 150 participants)

Moderator: Ramzi Fattouh (ON)

Speaker: Tarah Lynch (AB)

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

- Illustrate features of a quality programme that are unique to and/or are challenging for genomics-based tests compared to conventional microbial diagnostics
- Highlight key resources that will help guide development

of a quality programme to support microbial genomic-based testing

- Describe key elements of a quality programme for microbial genomic-based tests in the clinical microbiology laboratory

15:40 - 16:10



LIGHTING LEARNING 4 - CJD biosafety

Glen 201/202 – CTCC (2nd floor – South Bld)
(No pre-registration required. Room can accommodate 150 participants)

Moderator: Catherine Hogan (BC)

Speaker: Stephanie A. Booth (MB)

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

- Understand the infectious agent, prions, as transmissible, proteinaceous infectious particles and understand their role in causing CJD.
- Describe the risk assessment when working with prions, considering factors like quantities, concentrations, transmissibility, and potential for aerosol generation.
- Describe prion infectivity and the experimental methods available to determine the infectivity of samples containing prions.
- Discuss laboratory handling precautions that can be implemented in laboratories performing biochemistry and microbiological testing on specimens from patients at risk of prion diseases.

16:20 - 16:50



LIGHTING LEARNING 5 - Tropical Medicine Hot Topic Update

Glen 206 – CTCC (2nd floor – South Bld)
(No pre-registration required. Room can accommodate 150 participants)

Moderator: Philippe Lagacé-Wiens (MB)

Speaker: Yen Giang Bui (QC)

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

- Review recent epidemiology of the main arboviruses and their risk to travellers.
- Discuss recent advancements in preventive measures
- Recognize Oropouche as an emerging threat.

CONCURRENT SESSIONS

16:20 - 16:50



LIGHTING LEARNING 6 - Sepsis and Other ID Biomarkers

Glen 201/202 – CTCC (2nd floor – South Bld)

Moderator: Prameet Sheth (ON)

Speaker: Jeffrey (Des) Pernica (ON)

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

- Review the epidemiology and microbiology of paediatric community-acquired pneumonia.
- Discuss the potential stewardship benefits of leveraging biomarkers to identify cases of paediatric CAP unlikely to benefit from antibiotic treatment.
- Discuss the potential utility of biomarkers to optimize duration of antibiotic therapy for adult and paediatric CAP.
- Review changing guidelines relating to the use of biomarkers for the management of suspected sepsis in neonates.

17:30 - 18:30 JAMMI EDITORIAL BOARD MEETING

Acadia A – Marriott (2nd floor)

17:30 - 19:00 AMMI CANADA PHAGE THERAPY MEETING

Acadia B – Marriott (2nd floor)

Friday, May 2

07:00 – 17:00 CONFERENCE REGISTRATION

Exhibition Hall Foyer - CTCC
(2nd floor – South Bld)

07:00 – 17:00 INTERNET CAFÉ

Exhibition Hall Foyer - CTCC
(2nd floor – South Bld)

07:00 – 16:00 SPEAKER READY ROOM

Glen 205 - CTCC
(2nd floor – South Bld)

07:00 – 08:30 CCM AGM

Glen 208/209 – CTCC (2nd floor – South Bld)

07:00 – 08:30 CFID BUG RUN

Marriott Lobby

08:00 – 15:00 ESCAPE ROOM

Colab Room - CTCC
(1st floor – North Bld)

08:00 – 14:00 Sign Up (last group entrance at 14:00)

08:45 – 10:30 STUDENT AWARDS AND PLENARY

Exhibition Hall E - CTCC
(2nd floor – North Bld)

09:00 – 10:30 PLENARY: WHAT'S HOT IN MEDICAL MICROBIOLOGY, INFECTIOUS DISEASE (ADULT AND PAEDIATRIC) AND INFECTION PREVENTION AND CONTROL

ME HA SC

Moderators: Larissa Matukas (ON) and Yves Longtin (QC)

Speakers: Julie Carson (AB)
Rupeena Purewal (SK)
Yves Longtin (QC)
Stephen D. Vaughan (AB)

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

- Describe recent findings that impact the practice of medical microbiology.
- Describe recent findings that impact the practice of paediatric infectious diseases.
- Describe recent findings that impact the practice of Infection Prevention and Control.
- Describe recent findings that impact the practice of adult infectious diseases.

10:30 – 13:00 POSTER PRESENTATIONS AND LUNCH

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

10:30 – 10:45 BREAK

Exhibition Hall Foyer - CTCC
(2nd floor – North Bld)

10:45 – 11:45 TWO SIDES OF THE SAME COIN: ADULT VACCINATION FOR DISEASE PREVENTION AND ANTIMICROBIAL STEWARDSHIP

ME SC CO

Exhibition Hall E – CTCC
(2nd floor - South Bld)

(Co-developed learning activity, all are welcome, no registration required)

Moderator: Marthe Charles (BC)

Speaker: Allison McGeer (ON)

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

- Understand the burden of disease in diverse Canadian Adult Populations.
- Understand the prevention landscape in Canada in terms of vaccination.
- Review strep pneumo bacteria antibiotic resistance trends in Canada.
- Discuss innovations needed to optimize pneumococcal disease mitigation and antimicrobial stewardship.

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) 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.

14:45 – 13:00 POSTER PRESENTATION AND LUNCH

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

12:15 – 12:45 PRESENTERS AT POSTERS: GENERAL POSTERS, RAPID FIRE POSTERS AND CASE REPORT POSTERS

(See pages 41-83 for details)

Exhibition Hall CDX - CTCC
(2nd floor – North Bld)

13:00 - 14:00 CHRONIC HEPATITIS B MANAGEMENT: NAVIGATING GUIDELINES, QUANTITATIVE HBSAG INTERPRETATION AND IMPLEMENTATION, AND CLINICAL CASE APPLICATIONS

ME SC

Exhibition Hall E - CTCC
(2nd floor – North Bld)

(Co-developed learning activity, all are
welcome, no registration required)

Moderator: Philippe Lagacé-Wiens (MB)

Speakers: Carmen L. Charlton (AB)
Carla Coffin (AB)

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

- Understand the latest guideline updates for CHB treatment and management as well as therapies currently under investigation for the treatment of CHB.
- Gain the skills to effectively interpret qHBsAg testing results and understand their role in assessing disease progression and treatment response.
- Incorporate the latest treatment guidelines and the practical use of qHBsAg testing in everyday practice.

This educational event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification (MOC) 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 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.

14:00 – 14:15 Break
Exhibition Hall Foyer - CTCC
(2nd floor – North Bld)

14:15 - 15:15 TROUGH MONITORING FOR VANCOMYCIN: IS IT TIME TO CHANGE PRACTICE?

ME

Exhibition Hall E - CTCC
(2nd floor – North Bld)

Moderator: Guillaume Butler-Laporte (QC)

Speakers: Guillaume Butler-Laporte (QC)
Robert E. Ariano (MB)

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

- Describe the advantages and disadvantages to vancomycin trough monitoring.
- Describe the advantages and disadvantages to vancomycin AUC monitoring.
- Summarize challenges in implementation (e.g. lab implications) towards change to AUC monitoring.

15:15 – 16:15 CASE REPORT SYMPOSIUM* (CR01 – CR04)

**Titles are excluded to avoid hinting at or revealing the case.*

Exhibition Hall E - CTCC
(2nd floor – North Bld)

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

CR01 - Malaria testing: The importance of LAMP for detecting low level parasitemia

Cailey Turner¹, Dylan Pillai²

¹Division of Pediatric Infectious Disease, University of Calgary, Calgary, AB, Canada. ²Department of Microbiology, Alberta Precision Laboratories, Calgary, AB, Canada

CR02 - When common meets rare: Neonatal group B streptococcal Sepsis presenting as acute parotitis

Yara Falatah¹, Danah Alsharrah¹, Taj Jadavji²

¹Pediatric Department, Infectious Diseases, University of Calgary, Calgary, AB, Canada. ²Pediatric Department, Infectious Diseases, University of Calgary, Calgary, AB, Canada

CR03 - First described case of endogenous infection of *Blastomyces dermatitidis/gilchristii* in Newfoundland & Labrador diagnosed on autopsy: a case report

Nessika Eilersen, Suzette Rutihinda, Patricia Wadden, Samuel Bourassa Blanchette, Robert M Taylor

Memorial University, St. John's, NL, Canada

CR04 - A case of fatal rabies encephalitis in an 11-year-old child

Neha Saini¹, Jeffrey Pernica¹, Alan Jackson², Brian Hummel¹

¹McMaster University, Hamilton, ON, Canada. ²University of Calgary,

Calgary, AB, Canada

16:15 – 16:30 Closing Remarks

Exhibition Hall E - CTCC
(2nd floor – North Bld)

Moderators: Prameet Sheeth (ON)
Yves Longtin (QC)

Speaker Bios

ROB ARIANO

Dr. Rob Ariano earned his bachelor's degree in pharmacy from the University of Manitoba; completed a residency at the Ottawa General Hospital; and obtained his doctorate in pharmacy degree from the University of Minnesota. He is a Board-Certified pharmacotherapy specialist, and Fellow within the American College of Critical Care Medicine. Rob is also a clinical professor within the College of Pharmacy at the University of Manitoba, teaching the subjects of venous thromboembolism, drug allergies, infectious diseases, and clinical pharmacokinetics. His research interests are in critical care therapeutics, dialysis, and the pharmacokinetics & pharmacodynamics of drugs in the critically ill. He has over 70 publications in peer-reviewed journals on research and clinical practice. Relevant to today's topic, Rob has had years of experience in providing an AUC monitoring service for vancomycin at St. Boniface Hospital in Winnipeg, Manitoba.

STEPHANIE BOOTH

Dr. Stephanie Booth studied at University College London and University of Oxford, obtaining a BSc (Hons) in Microbiology in 1988 and DPhil in Virology in 1993. After completion of postdoctoral work at the University of Oxford she joined the National Microbiology Laboratory (NML) in Winnipeg in 1998. She currently leads the Prion Diseases Section operating Canada's national reference laboratory for Creutzfeldt-Jakob Disease (CJD). The NML is the only laboratory in Canada to offer diagnostic testing in the case of suspected cases of CJD as these tests are highly specialized and require biological containment facilities. Extensive applied research is required to ensure tests are state-of-the-art and meet international standards. In addition, Dr. Booth leads discovery research in host genomics, develops animal models and provides imaging and histopathology services to NML investigators. Leadership activities include consulting with physicians and laboratories on CJD diagnosis, providing advice on the laboratory handling of infectious tissues and multiple national and international collaborative initiatives.

VIVIEN BROWN

Dr. Vivien Brown is a family physician and author in Toronto. Educated at McGill University, she currently is appointed to the Department of Family & Community Medicine at the University of Toronto, holding the rank of Assistant Professor. An award winner for teaching on many levels, her major interests are in the area of health promotion and prevention for women, continuing medical education, adult immunization and vaccine-preventable illness. The College of Family Physicians of Ontario named Dr Brown "Physician of the Year for the Region of Toronto", awarded November 2012. She is the Past President of the Federation of Medical Women of Canada. Recently she was named one of Canada's most influential women by the organization Women of Influence, for her work on advocacy on HPV vaccine for Canadians.

In March 2017, she was honored to present HPV initiatives in Canada at the UN meetings for the Commission on the Status of Women. In 2018 she was honored with the Media Award from the North American Menopause Society for her work in Women's Health. She also received the May Cohen Award from the Federation of Medical Women of Canada for her work in Women's Health. In September 2024, she received the Reproductive Health Award from the Federation and was also awarded the King Charles III Coronation Medal for her work in the community.

Her most recent book, "The New Woman's Guide to Healthy Aging" was recently published to rave reviews.

YEN-GIANG BUI

Dr. Yen-Giang Bui is the current Vice-Chair of the Committee to Advise on Tropical Medicine and Travel, Public Health Agency of Canada, and Chair of the Professional Education Committee of the International Society of Travel Medicine. She serves on various expert committees both in Travel Health and Immunization at the provincial and federal level in Canada, where she contributes to various working groups, and leads the working groups on malaria, yellow fever vaccine and animal bites.

Speaker Bios

GUILLAUME BUTLER-LAPORTE

Dr. Butler-Laporte is a clinician and researcher at McGill University. He completed his residency in infectious diseases and medical microbiology at McGill University. This was followed research fellowships in the genetic epidemiology of infectious diseases at the Lady Davis Institute and the University of Oxford. In addition to his research, Dr. Butler-Laporte is involved in multiple clinical trials on the best treatment of diverse infectious diseases, including SNAP, Taper-V, Peter-Pen, and others.

JULIE CARSON

Dr. Julie Carson completed medical school at the University of Manitoba and residency in Medical Microbiology at the University of Alberta. She has been a Medical Microbiologist in Calgary (Calgary Lab Services/Alberta Precision labs) since completion of residency training. Her interests and lab responsibilities are in sexually transmitted infection diagnostics, mycology, biosafety and medical education. In addition to her clinical responsibilities, she has been the Program Director for the University of Calgary Medical Microbiology Residency Training Program since its inception 2015, and a Clinical Assistant Professor in the Department of Pathology and Laboratory Medicine at the University of Calgary.

CARMEN CHARLTON

Dr. Carmen Charlton is a board-certified clinical microbiologist, and an Associate Professor at the University of Alberta. She was an active board member for CACMID for over 10 years, where she held multiple positions including president and treasurer. She received her PhD at McMaster University and completed her fellowship training at UCLA. Her research focuses on how laboratory advancements can impact downstream cascade of care for patients living with hepatitis and HIV.

SHAWN CLARK

Dr. Shawn Clark is a Clinical Microbiologist at Public Health Ontario and an Assistant Professor in the Department of Laboratory Medicine and Pathobiology at the University of Toronto. At PHO, Dr. Clark oversees genomics and laboratory testing for vector-borne and zoonotic viruses. He received his

BSc in 2008 and MSc degree in 2010 both from Toronto Metropolitan University (formerly Ryerson University), his PhD in 2017 from the University of Toronto. He later completed the Postdoctoral training program in Clinical Microbiology in the Department of Laboratory Medicine and Pathobiology at the University of Toronto and became a Fellow of the Canadian College of Microbiologists in 2023. His interests include: the development and implementation of genomics-focused approaches for microbial outbreak investigations and surveillance and improving the utilization of diagnostic testing for vector-borne and zoonotic viruses.

CARLA COFFIN

Dr. Carla Coffin is a Professor of Medicine within the Snyder Institute, Cumming School of Medicine, and Medical Director of the Division of Gastroenterology and Hepatology Viral Hepatitis Clinic. Dr. Coffin's clinical interest and translational research program is focused on hepatitis B virus infection including clinical trials, and pre-clinical research using the woodchuck hepatitis virus model of hepatitis B. Dr. Coffin is President of the Canadian Association for the Study of the Liver (CASL, 2024-2026). She leads the formation of the Canadian Hepatitis B research network and CASL/AMMI 2018 and 2025 Guidelines on Hepatitis B Management.

JEANNETTE COMEAU

Dr. Jeannette Comeau is an Associate Professor at Dalhousie University, Department of Pediatrics, Division of Infectious Diseases, a pediatric infectious diseases physician at IWK Health, and an investigator at the Canadian Centre for Vaccinology. Her primary research interests lie in vaccine policy and safety. She is the site investigator for the Canadian Immunization Research Network Special Immunization Clinic network and IMPACT. She is co-chair of the International Pediatric Association, Program Area Committee on Immunization which has three subgroups; immunization coverage equity and advocacy, vaccine training, and human papilloma virus immunization. Additionally, she is the AMMI liaison representative to the National Advisory Committee on Immunization. In addition to her research in Vaccinology, she is the Medical Director, Infection Prevention and Control, and Medical Lead, Antimicrobial Stewardship, at IWK Health, as well as Program Director for the Dalhousie University Pediatric Infectious Diseases Subspecialty Residency Training Program.

Speaker Bios

CORA CONSTANTINESCU

Dr. Cora Constantinescu is a pediatrician, infectious disease physician, and Clinical Associate Professor in Calgary, AB. Her academic work focuses on vaccine acceptance and surveillance, and she holds a Master's in Medical Education. Cora specializes in developing and studying educational interventions grounded in behavioral change theory, which she has applied to both healthcare worker and public vaccine education. In addition to her clinical and academic roles, Cora is the Co-Chair of ImmunizeCanada, a member of the Alberta Advisory Committee in Immunization, and serves as the Chair of the AMMI Canada Paediatric Committee.

RUTH COULTON

Ruth Coulton is a Clinical Research Nurse Coordinator at the University of Ottawa Heart Institute (UOHI) and Nurse Coordinator for Infective Endocarditis Rounds at UOHI.

ANGEL DESAI

Dr. Angel Desai is an infectious diseases physician and Associate Professor at the University of California, Davis. Her research focuses on epidemiological trends in emerging diseases and outbreaks and clinical countermeasures. Her other interests include global infection prevention and control measures in resource-constrained settings, and health communication. She is a former JAMA Fishbein Medical Editorial Fellow and a current associate editor for JAMA Network Open.

MARC DESJARDINS

Dr. Marc Desjardins received his PhD in Microbiology from the University of Ottawa and completed a clinical fellowship program at The University of Rochester Strong Memorial Hospital from 1996 to 1998. He holds board certification with the American Board of Medical Microbiology, and he is a Fellow of the Canadian College of Microbiologists. Since 2002, Dr. Desjardins has been a Clinical Microbiologist in the Division of Microbiology, Department of Laboratory Medicine The Ottawa Hospital and EORLA. Currently Dr. Desjardins is Head and Regional Lead of the Regional Microbiology Reference Laboratory and Associate Professor in the Department of Pathology of the University of Ottawa.

WAYNE GHESQUIERE

Dr. Wayne Ghesquiere is a Clinical Infectious Diseases, Tropical Diseases and Internal Medicine consultant in Victoria BC as well as the former section chief for infectious diseases with the Island Health Authority. Wayne is a Clinical Assistant Professor of Medicine with University of British Columbia. Teaches internal medicine residents and infectious diseases fellows. He is also a lecturer with the Island Medical School Program, UBC. He is an attending physician at the Royal Jubilee and the Victoria General Hospitals in Victoria, BC. He has an inpatient and a private outpatient practice in infectious diseases.

ALY GHONEIM

Dr. Ghoneim is a dual fellowship-trained minimally invasive, transcatheter, and aortic reconstructive surgeon. After spending eight years in Montreal, where he fulfilled his residency at McGill University and a fellowship at the Montreal Heart Institute, he moved to London, Ontario, completing an additional fellowship at the University of Western before joining the Department of Cardiac Surgery at the University of Saskatchewan. Dr. Ghoneim currently practices at the Royal University Hospital in Saskatoon, where he played a leading role in establishing Saskatchewan's first Minimally Invasive Cardiac Surgery (MICS) program. Under his leadership, the program introduced multiple provincial "firsts," including minimally invasive mitral valve repair with Chord-X loops, valve-sparing aortic root replacement, and the use of AMDS hybrid stents for Type A dissection. He also serves as the Director of the Canadian Cardiac Surgery Trainee Review Program (TRP), a national initiative supporting the academic development and exam preparation of cardiac surgery residents across Canada. In addition, Dr. Ghoneim is the surgical lead for the MENDO (Multidisciplinary Endocarditis Ontario-Saskatchewan) program, which brings together cardiology, infectious diseases, and addiction medicine to deliver coordinated care for patients with complex infective endocarditis, particularly those with a history of intravenous drug use.

SCOTT HALPERIN

Dr. Scott Halperin is a Professor of Pediatrics and Microbiology and Immunology at Dalhousie University in Halifax, Nova Scotia. As the Director of the Canadian Center for Vaccinology (CCfV) and

Speaker Bios

Nominated Principal Investigator of the Canadian Immunization Research Network (CIRN), and former Co-Principal Investigator of the Immunization Monitoring Program-Active (IMPACT) and Executive Committee member of the Canadian Association for Immunization Research and Evaluation (CAIRE), he has played a foundational role in the establishment of these Canadian collaborative research networks, undertaking evaluative vaccine research that informs public health policy and practice. Dr. Halperin's area of expertise is pertussis, and his research focuses on the diagnosis, treatment, and prevention of pertussis and other vaccine-preventable diseases. His team has conducted more than 250 clinical trials, of which more than 20 were phase 1 studies.

CATHERINE HOGAN

Dr. Catherine Hogan is a medical microbiologist at the BCCDC Public Health Laboratory, where she leads the Parasitology Laboratory, and co-leads the Molecular Microbiology and Genomics Laboratory. She is also a Clinical Assistant Professor in the Department of Pathology & Laboratory Medicine at UBC. She completed several board exams from 2015-2018 and hopes to share some of her experience and learnings on these!

TOMY JOSEPH

Dr. Tomy Joseph is the Director of the Animal Health Centre (AHC), the Provincial Veterinary Diagnostic Laboratory within the Ministry of Agriculture and Food in British Columbia. Before assuming this role, Dr. Joseph served as the Veterinary Virologist and Section Head for the Virology, Molecular Diagnostics and TSE sections at the AHC from 2013 to 2022. Dr. Joseph earned his veterinary medical degree from the College of Veterinary and Animal Sciences, Kerala, India, and M.Sc. and Ph.D in veterinary and molecular virology from the Atlantic Veterinary College, University of Prince Edward Island, Charlottetown, PE, Canada. Following this, he undertook three years of postdoctoral research at the avian influenza virus research laboratory, National Institute of Allergy and Infectious Diseases, National Institutes of Health (NIH), Bethesda, MD, USA, before beginning his career in veterinary diagnostic virology and research at the provincial Veterinary Diagnostic Services in Manitoba in 2007. From 2008 to 2018, Dr. Joseph served as an Adjunct Assistant Professor in the Department of Medical Microbiology at

the Faculty of Medicine, University of Manitoba, Winnipeg. He is currently an Adjunct Professor in the Department of Veterinary Microbiology at the Western College of Veterinary Medicine, University of Saskatchewan, Saskatoon. Dr. Joseph serves on the accreditation committee of the American Association of Veterinary Laboratory Diagnosticians (AAVLD) to promote quality management and biosafety in veterinary diagnostic laboratories. He is also a technical assessor and auditor for the Standards Council of Canada (SCC) and the AAVLD for ISO/IEC 17025 and AAVLD accreditation audits respectively.

DINA KAO

Dr. Dina Kao is a gastroenterologist based in Edmonton. She obtained her internal medicine and GI training in Ottawa. She established the Edmonton FMT program in 2013. Her clinical and research interest is to use FMT as a research tool to explore therapeutic benefits of microbial modulation in recurrent *C. difficile* infection and others, as well the mechanisms underpinning its efficacy.

ADAM KOMOROWSKI

Dr. Adam Komorowski is a medical microbiologist and part-time Assistant Professor in the Department of Pathology and Molecular Medicine at McMaster University, where he maintains a microbiology and infectious disease practice. Adam completed his medical training in Ireland, finishing his residency training at McMaster in 2024. Adam is completing a master's degree in health research methodology focused on whole genome sequencing of AmpC-producing Enterobacterales with Drs. Dominik Mertz and Marek Smieja through an Ontario Ministry of Health-funded Clinician-Investigator Program fellowship. He has published over 30 peer-reviewed papers, including guidelines co-authored with the Ontario COVID-19 Science Advisory Table. Adam is a co-investigator on a CIHR-funded highly pathogenic avian influenza A bioinformatics study and is a steering committee member of the AeroVax SARS-CoV-2 vaccine and Prevention of Infections in Cardiac Surgery trials. Adam's other roles include competence-by-design curriculum lead for the medical microbiology program at McMaster, membership in the ESCMID Study Group for Epidemiological Markers for *Serratia* and *Klebsiella* spp.,

Speaker Bios

membership in the editorial board of the Journal of Clinical Microbiology, and a 2024-2026 research fellowship in non-pharmacologic pandemic interventions through Kellogg College, University of Oxford. He recently completed an editorial fellowship with Dr. Paul Sax at Clinical Infectious Diseases in 2024.

PHILIPPE LAGACÉ-WIENS

Dr. Philippe Lagacé-Wiens is a medical microbiologist at St. Boniface Hospital in Winnipeg and an assistant professor in the Department of Medical Microbiology and Infectious Diseases at the University of Manitoba. He completed his MD and B.Sc. (Med.) at the University of Manitoba and achieved FRCPC certification in Medical Microbiology in 2008. His research focuses on antibiotic resistance, molecular diagnostics, and tropical infections. Dr. Lagacé-Wiens holds a director position on the AMMI Canada Board of Directors and is an active member of the Canadian Antimicrobial Resistance Alliance (CARA), participating in national surveillance studies on multi-drug-resistant pathogens. His primary area of research is laboratory diagnostics, antimicrobial resistance, surveillance and new antimicrobials. Other research interests and publication records include those on topics of tropical and travel medicine, parasitology and virology. He has deep ties to the infectious diseases and medical microbiology community in Canada, with ongoing contributions as an AMMI Canada board member, a JAMMI editorial board member, and Royal College Medical Microbiology Examination committee chair. His personal interests include gardening (obsessively), baking bread, genealogy and any building project he can fit into the schedule.

PHILIP LAM

Dr. Philip Lam is an Infectious Diseases physician at Sunnybrook Health Sciences Centre, and Assistant Professor at the University of Toronto. He is the Medical Director for the Antimicrobial Stewardship Program at Sunnybrook Health Sciences Centre. After obtaining his medical degree at Queen's University, he completed residency training in Internal Medicine and Infectious Diseases in Toronto, followed by a Master's Degree in Quality Improvement and Patient Safety at the University of Toronto. His research interests are focused on using quality improvement methodology to develop sustainable system-level interventions

to improve the appropriate use of antibiotics. In collaboration with the AMMI Canada Healthcare Resource Stewardship Committee and Canadian Orthopaedic Association, Dr. Lam is the project lead for a national multi-faceted intervention aimed at improving the use of highly bioavailable oral antibiotic therapy in the treatment of osteoarticular infections.

LAWRENCE LAU

Dr. Lawrence Lau is a cardiologist and assistant professor at the University of Ottawa Heart Institute. He did his medical school and internal medicine residency at the University of Manitoba. During this training, he was torn between infectious diseases and cardiology and eventually chose (by coin toss) to continue into cardiology residency and fellowship in echocardiography at the University of Ottawa. During residency, he helped to establish the Endocarditis Team at The Ottawa Hospital, which he continues to chair today.

BENJAMIN LEIS

Dr. Benjamin Leis is an Associate Professor of Medicine and Cardiology at the University of Saskatchewan. He is the principal investigator of the Quality Improvement Study entitled Multi-Disciplinary Endocarditis pathway (MENDO) which is being carried out at the Royal University Hospital in Saskatoon. He also has a Master's in Health Sciences and a Quality Improvement Certificate from the University of Toronto EQUIP program.

ANTHONY LIEU

Dr. Anthony Lieu is an infectious diseases physician and medical microbiologist at Vancouver Coastal Health and holds an appointment as a Clinical Assistant Professor at the University of British Columbia. He completed his medical training at the Université de Montréal, followed by combined residency training in infectious diseases and medical microbiology at the University of Calgary and McGill University, respectively. He further specialized with a fellowship in transplant infectious diseases at Stanford University, where he collaborated with Dr. Niaz Banaei, a leading expert in mold cfDNA diagnostics. He is one of four transplant infectious diseases physicians in British Columbia, providing

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specialized care for patients undergoing solid organ and hematopoietic stem cell transplantation. His research focuses on advancing diagnostic approaches for immunocompromised hosts, with a particular emphasis on molecular diagnostics and medical mycology. Anthony has over 20 peer-reviewed papers.

YVES LONGTIN

Dr. Yves Longtin is an infectious diseases specialist, medical microbiologist, and clinician-scientist. He serves as Chair of Infection Prevention and Control at the Jewish General Hospital in Montreal and is an Associate Professor at McGill University. He completed his medical training at Sherbrooke University, followed by specialization at Laval University and advanced training in infection control in Geneva. Currently President of AMMI Canada, Dr. Longtin also leads Quebec's *Clostridium difficile* surveillance program and sits on several provincial, national and international infection control committees. His research focuses on healthcare-associated infections and developing strategies to prevent them.

THOMAS LOUIE

Dr. Thomas Louie is an early provider of FMT and has been involved in clinical trials evaluating different approaches.

TARAH LYNCH

Dr. Tarah Lynch earned a PhD in Microbiology and Infectious Diseases from the University of Calgary studying host-pathogen interactions. She continued her training as a postdoctoral fellow at the Centers for Disease Control and Prevention in the Vector-borne diseases branch focusing on diagnostic assay development of zoonotic bacteria. Dr. Lynch then transitioned into genomics and bioinformatics through work on nosocomial infections and antimicrobial resistance at the Public Health Agency of Canada's National Microbiology Laboratory. Currently a Program Lead for Genomics and Bioinformatics at the Alberta Provincial Public Health Laboratory – South site, she works on infectious disease surveillance and diagnostic test development using high throughput sequencing and bioinformatics methods. Dr. Lynch also holds a Clinical Assistant Professor appointment

at the University of Calgary's Cumming School of Medicine in the Department of Pathology and Laboratory Medicine where she actively participates in multi-disciplinary projects and runs professional development workshops for graduate students and postdoctoral fellows.

NATALIE MARSHALL

Dr. Natalie Marshall is a Clinical Microbiologist at Alberta's Public Health Laboratory (ProvLab) and the Director of the University of Alberta's Division of Diagnostic & Applied Microbiology. She is passionate about diagnostic stewardship, laboratory quality, and the accessibility of "free knowledge" to anyone who seeks it. During her doctoral studies, she developed open-source, mass spectrometry-based tools to investigate microbial virulence mechanisms, and she is interested in leveraging 'Big Data' tools to serve public health. In the clinical & public health spheres, she has led the implementation of large-scale serology instruments, evidence-based changes in prion risk levels, and several collaborative research projects. Dr. Marshall is dedicated to enhancing public health & patient care by fostering a culture of collaboration & continuous learning through knowledge sharing.

ALLISON MCGEER

Dr. Allison McGeer is a professor of Laboratory Medicine and Pathobiology, and the Dalla Lana School of Public Health at the University of Toronto, a Senior Clinician Scientist, Lunenfeld-Tanenbaum Research Institute, and an adult infectious disease physician practicing at Sinai Health. She is the coordinating investigator of TIBDN, a surveillance network that has been performing population-based surveillance for invasive pneumococcal disease in southern Ontario for 29 years. She is currently a member of NACI's pneumococcal working group, and of the Ontario Immunization Advisory Committee, and an advocate for creating adult immunization programs that work as well as our pediatric programs.

VANESSA MEIER-STEPHENSON

Dr. Meier-Stephenson is an Assistant Professor and Clinician Scientist at the University of Alberta. Her research lab focuses

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largely on viral hepatitis (HBV, HCV, HDV), with involvements and collaborations in a number of other infectious diseases of epidemic and pandemic potential. Of particular relevance to this session, she is the Lead Clinical Investigator of the Group A Strep Phase 1 Vaccine Trial, taking place in Edmonton, AB, which is an international collaboration with researchers from Griffith University in Australia and the University of Alberta.

MATTHEW MILLER

Dr. Matthew Miller's research program is focused primarily on pandemic prevention, especially the development of broadly-protective vaccines, antibodies, and therapeutics. His team is also interesting in understanding the way that viral infections and the immune response contribute to genetic and neurodegenerative conditions (e.g., ALS). He sits the scientific advisory board of several companies. He is a member of the Canadian National Advisory Committee on Immunization (NACI) COVID-19 Working Group and the H5Nx Highly Pathogenic Avian Influenza Working Group. He serves on the Public Health Agency of Canada Expert Panel on H5Nx Highly Pathogenic Avian Influenza (HPAI).

JEYA NADARAJAH

Dr. Jeya Nadarajah is dually trained in Infectious Diseases and Medical Microbiology. She provides clinical service at Oak Valley Health where she is also the Medical Director of the Infection Prevention and Control program and Microbiology Laboratory. She is a Medical Microbiology Consultant with Gamma Dynacare Laboratories. She is the Physician Lead for Infection Prevention and Control at Public Health Ontario.

JESSE PAPENBURG

Dr. Jesse Papenburg practices Pediatric Infectious Diseases and Medical Microbiology at the Montreal Children's Hospital of the McGill University Health Centre. After his specialty training, Dr. Papenburg completed a research fellowship on the molecular virology of RNA respiratory viruses at Laval University and an MSc in epidemiology at McGill. As a clinician scientist, he studies the epidemiology of viral respiratory infections and has over 150

peer-reviewed publications and book chapters. Dr. Papenburg is a member of the National Advisory Committee on Immunization and the Quebec Immunization Committee where he leads the influenza and RSV working groups, respectively.

LEIGHANNE PARKES

Dr. Leighanne Parkes is an infectious diseases physician at the Jewish General Hospital and co-medical director of the department of infection prevention and control at the integrated university health and social services centres (CIUSSS) du Centre-Ouest-de-l'Île-de-Montréal. In these positions, she specializes in infection prevention and control and antimicrobial stewardship in long-term care as well as the role of engineering controls in infection prevention.

She earned her Doctor of Medicine from the Michael G. DeGroote School of Medicine at McMaster University, where she had previously graduated with honours from their Bachelor of Health Sciences program. Dr. Parkes is Royal College of Physicians of Canada certified in Internal Medicine, Infectious Diseases, and Medical Microbiology, and has also completed a clinical fellowship in infectious prevention and control at the University of Toronto.

Dr. Parkes works as an assistant professor in the Faculty of Medicine at McGill University and a microbiologist with the department of Laboratory Medicine at McGill University Health Centre. She is also a researcher with the Lady Davis Institute at the Jewish General Hospital.

SHAQIL PEERMOHAMED

Dr. Shaqil Peermohamed completed his fellowship in Infectious Diseases at the University of Toronto in 2016. He began his career with the Saskatchewan Health Authority and University of Saskatchewan as an Infectious Disease consultant and Physician Lead of antimicrobial stewardship in Saskatoon. In 2023, Dr. Peermohamed embarked upon the next phase of his career, moving to Vancouver, BC and is currently an Infectious Disease consultant with Vancouver Coastal Health, Regional Medical Director of SPIRES, and Clinical Associate Professor at UBC. He completed his Master of Public Health through the Harvard T.H. Chan School of Public Health, focusing on clinical effectiveness.

Speaker Bios

Building on his outstanding teaching awards and honours list, Dr. Peermohamed is also completing his Clinical Educator Diploma through the Royal College of Physicians and Surgeons of Canada. In his spare time, Dr. Peermohamed enjoys tabletop games, paddleboarding, and escape rooms.

JEFFREY (DES) PERNICA

Dr. Jeffrey (Des) Pernica is Associate Professor in the Department of Pediatrics at McMaster University. His clinical interests, aside from infectious disease in general, include immunization (he is the co-Chair of the Ontario Immunization Advisory Committee) and tropical medicine (he is a member of the Canadian Committee to Advise on Tropical Medicine and Travel). His research interests relate to the optimization of the diagnosis and management of respiratory infections, enteric infections, and sepsis, both in Canada and in resource-limited settings. He has received competitive research funding as PI from the Physicians' Services Incorporated Foundation, the Hamilton Academic Health Sciences Organization Innovation Fund, Grand Challenges Canada, and the Canadian Institutes of Health Research.

SUSAN POUTANEN

Dr. Susan Poutanen is a Medical Microbiologist and Infectious Diseases Physician at Sinai Health & University Health Network in Toronto, Canada and an associate professor in the Department of Laboratory Medicine and Pathobiology and Department of Medicine at the University of Toronto.

Dr. Poutanen received her Medical Degree from the University of Toronto in 1996 and completed Internal Medicine and Medical Microbiology Residencies at the University of Toronto and an Infectious Diseases Fellowship at Stanford University, California. She received her Master of Public Health with a focus on Epidemiology from the University of California, Berkeley in 2002.

Her broad research interests include: the epidemiology and detection of antimicrobial resistance; the preparedness and detection of emerging infectious disease threats; and the optimization of microbiology laboratory practices using point-of-care tests, rapid diagnostics, automation, and artificial intelligence.

RUPEENA PUREWAL

Dr. Rupeena Purewal is a Pediatric Infectious Disease physician. Dr. Purewal was born and raised in Edmonton, Alberta. She completed her medical school at the University of Pécs, in Hungary in 2012. Thereafter, she moved to the United States for a 3-year Pediatric Residency training program at West Virginia University. She returned to Canada in 2017 to start her Pediatric Infectious Diseases fellowship at the University of Manitoba. Dr. Purewal has been working in Saskatchewan since 2019 as a clinician and academic physician at the University of Saskatchewan.

Alongside her clinical work, she is actively involved in national trials and retrospective chart reviews for congenital infections, including CMV, public health collaborations for syphilis outbreaks, and spends the rest of her time in education as the Pediatric Undergraduate Medical Education Program Director. Outside of her day job, Dr. Purewal is the founder and host of an ID/Micro based podcast, "The Canadian Breakpoint". This podcast is designed to create awareness of increasing AMR and our fight against it; to focus on discussions around new diagnostic methods; how to implement technology in clinical/lab medicine; and reviews emerging infectious diseases.

SHERI SCOTT

Sheri Scott is a Principal Lecturer in Biomedical Science at Nottingham Trent University. Sheri joined Nottingham Trent University in 2018 after a career covering 22 years working in Clinical Biochemistry in NHS laboratories. Sheri continues to support clinical laboratory training through the Institute of Biomedical Science (IBMS) Clinical Chemistry Specialist advisory panel and Council roles. Sheri is a passionate lead of sustainable practices and has published a number of articles on this topic. Sheri is a EAUC Green Gowns 2023 staff champion award holder for her commitment and contribution to Clinical Laboratory Sustainability.

JONATHAN STOKES

Dr. Jon Stokes is an Assistant Professor in the Department of Biochemistry and Biomedical Sciences at McMaster University. His research focuses on the development and application of

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leading-edge machine learning techniques for novel drug discovery and design tasks, with an emphasis on antibacterial and neuro-oncology agents. Jon is also co-founder and CSO of Stoked Bio.

KATHY SUH

Dr. Kathy Suh is an infectious diseases physician and member of the Division of Infectious Diseases at The Ottawa Hospital, Ottawa, Canada, and Professor of Medicine at the University of Ottawa. She is a certified (CIC) infection control physician, and until recently was the Medical Director of Infection Control at the Ottawa Hospital.

NICHOLAS TURNER

Dr. Nicholas Turner is an assistant professor of Infectious Diseases at Duke University and member of the Antibacterial Resistance Leadership Group (ARLG). He trained in Bacteriology

at the University of Wisconsin - Madison, then attended Duke for his residency in combined Internal Medicine & Pediatrics, fellowship in Infectious Diseases, and a Master's in clinical research before joining faculty. Clinical roles include serving as a general ID consultant and as a TB clinician with the public health service. His research primarily involves Gram positive pathogens - including epidemiology and prevention of C difficile and clinical trials for Staphylococcus aureus bacteremia (including as an adjudicator for ceftobiprole and investigator for dalbavancin).

STEVE VAUGHAN

Dr. Steve Vaughan is a Clinical Associate Professor of Infectious Diseases at the University of Calgary, Cumming School of Medicine and is Adult ID Residency Program Director. He has served on the CATMAT (Committee to Advise on Tropical Medicine and Travel), GeoSentinel Site Lead for Calgary and is the founder of the Canadian National Tropical Medicine Rounds. Dr. Vaughan's research interests are in Tropical Infectious Diseases and Medical Education, and he has won countless clinical teaching awards.

POSTER VIEWING AND PRESENTATIONS

Join us each day during the conference for the much-anticipated poster presentations.

Each day of the conference, different groups of poster presenters will be at their posters to answer questions about their work. Be sure to stop by each day to see what is new.

The conference app, accessible through QR code below, will provide full details of all the abstracts and case reports being presented throughout the conference. The conference website and final program PDF will provide condensed abstract and case report information.

Scan here to access the full conference abstract and case reports.



POSTER VIEWING AND PRESENTATION HOURS:

Wednesday, April 30

10:30 – 18:30	Poster Viewing
12:30 – 13:30	Poster presenters at their poster (General Poster)

Thursday, May 1

10:30 – 15:30	Poster Viewing
13:15 – 14:15	Poster presenters at their poster (Rapid Fire and Case Report Posters)

Friday, May 2

10:30 – 13:00	Poster Viewing
12:15 – 12:45	Poster presenters at their poster (All Posters)

General Posters (P001 – P0137)

Date:	Wednesday, April 30
Time:	12:30 – 13:30 Presenters at Posters
Room:	Exhibition Hall CDX – CTC (2 nd floor – North Bld)

P001

EVALUATING AMBULATORY PARENTERAL THERAPY PROGRAM (APTP) FOR PEDIATRIC INFECTIOUS CONDITIONS: INSIGHTS FROM ALBERTA CHILDREN'S HOSPITAL

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P002

A WASTEWATER-BASED SURVEILLANCE PILOT-PROGRAM TO DETECT, QUANTIFY AND CORRELATE ANTIBIOTIC USAGE IN HOSPITALS

Matthew J Penney¹, Benson Weyant^{1,2}, Darina Kuzma¹, Aleshia Kormendi¹, Kayla Moffett¹, Bruce Dalton², Christine O'Grady¹, Rhonda Clark¹, Diego Nobrega¹, Susana Kimura-Hara¹, Janine McC Calder¹, Laura Vivas¹, Chloe Papparis¹, Kristine Du¹, Emily Au¹, Jangwoo Lee¹, Nicole Acosta¹, Barbara J Waddell¹, Maria Bautista Chavarriaga¹, Johann Pitout^{1,2}, Xiaoli Pang³, Bonita Lee^{2,3}, Elissa Rennert-May^{1,2}, John Conly^{1,2}, Casey Hubert¹, Michael Parkins^{1,3}

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P003

EXAMINATION OF ECHINOCANDIN APPROPRIATENESS IN HOSPITALIZED ADULT PATIENTS AT A CANADIAN TERTIARY CARE CENTRE

Roy Hutchings¹, Jackson Stewart², Teagan Zeggil², Reem Almawed², Stephanie Smith¹, Holly Hoang¹, Justin Chen¹

¹Division of Infectious Diseases, Department of Medicine, University of Alberta, Edmonton, AB, Canada ²Pharmacy Services, Alberta Health Services, Edmonton, AB, Canada

P004

THE NEED FOR TARGETED ANTIMICROBIAL TREATMENT IN PEDIATRIC HEAD AND NECK INFECTIONS: A REVIEW OF ANAEROBIC COVERAGE

Alexander Kipp, Yara Falatah, Charlotte Rosen, Trevor Toy, Cora Constantinescu, Carsten Krueger

Department of Pediatrics, Faculty of Medicine, University of Calgary, Calgary, AB, Canada

P005

FORMULARY RESTRICTION POLICY ADHERENCE ASSESSMENT AND CHARACTERIZATION OF CURRENT PRACTICE FOR SELECTED ANTIMICROBIALS

Yuan Ren¹, Shaqil Peermohamed², Yu-Chen Lin³

¹Faculty of Pharmaceutical Sciences, University of British Columbia, Vancouver, BC, Canada ²Vancouver Coastal Health, Vancouver, BC, Canada ³Lower Mainland Pharmacy Services, Fraser Health, North Vancouver, BC, Canada

P006

USING A PLANETARY HEALTH LENS TO QUANTIFY OUR INTRAVENOUS USE OF BIOEQUIVALENT ANTIMICROBIALS WHEN ORAL ADMINISTRATION IS FEASIBLE

Rosanne Thalakada¹, Meghan MacLaren², Tim T Y Lau³, Salomeh Shajari¹, Shaqil Peermohamed¹

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P007 - WITHDRAWN**P008**

ANTIMICROBIAL USE AMONG ADULT INPATIENTS IN A NETWORK OF CANADIAN ACUTE-CARE HOSPITALS, 2009-2023

Annie-Kim Nguyen¹, Joelle Cayen¹, Olivia Varsaneux¹, John Bautista², Bruce Dalton³, Yannick Émond⁴, Charles Frenette⁵, Xena Li⁶, Irina Rajakumar³, John Conly³, Daniel J G Thirion⁵, Jessica Bartoszko¹, Canadian Nosocomial Infection Surveillance Program (CNISP) Antimicrobial Use (AMU) Working Group¹

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P009

ANTIBIOTIC PRESCRIBING FOR ASPIRATION PNEUMONIA IN THE ICU

Elaf M Alzarnougi, Mansor Binhashr, Rasha Alshawaf, Si Yuan Pan, Pardeep Singh, Amy Bartholomew, Dominik Mertz, Mark Loeb

McMaster University, Hamilton, ON, Canada

P010 - WITHDRAWN

P011

PROMOTING THE USE OF CEFTRIAZONE FOR URINARY TRACT INFECTIONS CAUSED BY LOW-RISK AMPC PRODUCING ORGANISMS: A QUASI EXPERIMENTAL STUDY

Steven Huynh¹, Mark Duffet¹, Deborah Yamamura^{1,2}, Dominik Mertz^{1,2}, Neal T Irfan^{1,2}

¹Hamilton Health Sciences, Hamilton, ON, Canada ²McMaster University, Hamilton, ON, Canada

P012

ADULT ANTIMICROBIAL USAGE (AMU) SURVEILLANCE IN NEWFOUNDLAND AND LABRADOR (NL) HOSPITALS

Gerry McDonald¹, John Bautista¹, Peter Daley²

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P013

RETURN ON INVESTMENT OF AN ANTIBIOTIC AUDIT AND FEEDBACK PROGRAM AMONG FAMILY PHYSICIANS IN ONTARIO

Kevin L Schwartz¹, Lisa Masucci², Kednapa Thavorn², Li Bai³, Gary Garber⁴, Nick Daneman⁵, Tara Gomes⁶, Valerie Leung¹, Bradley J Langford¹, Sharon Gushue⁷, Lindsay Friedman¹, Kevin A Brown¹, Holly O Witteman⁸, Jeremy M Grimshaw², Jerome A Leis⁵, Mina Tadrous⁹, Merrick Zwarenstein¹⁰, Michael S Silverman¹⁰, Noah Ivers⁹

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⁵Sunnybrook Research Institute, Toronto, ON, Canada ⁶Li Ka Shing

Knowledge Institute, Toronto, ON, Canada ⁷Ontario Health, Toronto, ON,

Canada ⁸Laval University, Quebec City, QC, Canada ⁹Women's College

Hospital, Toronto, ON, Canada ¹⁰Western University, London, ON, Canada

P014

URINALYSIS – A SIMPLE BUT POWERFUL TOOL FOR DIAGNOSTIC AND ANTIMICROBIAL STEWARDSHIP

Jessica D Forbes^{1,2,3}, Jennifer Bowes⁴, Sara Aljohani⁵, Waleed Alqurashi⁶, Nicole Le Saux^{4,7}

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ON, Canada ⁵Department of Pediatrics, University of Ottawa, Ottawa, ON,

Canada ⁶Department of Emergency Medicine, Children's Hospital of

Eastern Ontario, Ottawa, ON, Canada ⁷Division of Infectious Diseases,

Children's Hospital of Eastern Ontario, Ottawa, ON, Canada

P015

TAILORING ANTIBIOGRAMS: COMPARING RESISTANCE TRENDS IN HEMATOLOGICAL MALIGNANCY AND SOLID ORGAN TRANSPLANT WARDS

Connie TY Xie¹, Susan M Poutanen^{1,2}

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Toronto, ON, Canada ²Department of Laboratory Medicine and Pathobiology, Toronto, ON, Canada

P016 – WITHDRAWN

P017

TRACKING GRAM-NEGATIVE ORGANISMS RESISTANCE: A DECADE OF ANTIBIOTIC TRENDS IN A TERTIARY CARE ACADEMIC HOSPITAL

Connie TY Xie¹, Samantha Martinez¹, Ceylon V Simon¹, Susan M Poutanen^{1,2}

¹University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada ²Department of Laboratory Medicine & Pathobiology, University of Toronto, Toronto, ON, Canada

P018

INVESTIGATING THE ANTIBACTERIAL ACTIVITY OF MEDICINAL PLANT INFUSIONS AGAINST PATHOGENIC BACTERIA

Tesleem A Ibrahim, Chen Situ

Queens University, Belfast, United Kingdom

P019

NOVEL ANTIBIOTICS: THE PROMISE OF SMALL MOLECULE IRON-INHIBITORS AGAINST MULTIDRUG RESISTANT GRAM-NEGATIVE SUPERBUGS

Emmanuel Eze

Louisiana State University, Baton Rouge, USA

P020

DETERMINATION OF ANTIMICROBIAL, ANTIBIOFILM, AND HEMOLYTIC ACTIVITY OF AUREIN-12 DERIVATIVES

Thomas J Olsen, Naowarat Cheeptham, Heidi Huttunen-Hennelly

Thompson Rivers University, Kamloops, BC, Canada

P021

MOLECULAR CHARACTERIZATION OF DRUG RESISTANCE IN UROPATHOGENIC *ESCHERICHIA COLI*

Saima Javeed^{1,2}, Samina Baig³, Zaid Ahmed Pirzada¹

¹University of Karachi, Sindh, Karachi, Pakistan ²Karachi Metropolitan Corporation, Sindh, Karachi, Pakistan ³Dow University of Health Sciences, Sindh, Karachi, Pakistan

P022

IN VITRO ACTIVITY OF CEFTRIAXONE VERSUS MEMBERS OF THE *PROTEUS VULGARIS* GROUP: A COMPARISON OF TESTING METHODS AND EVALUATION FOR THE PARADOXICAL EFFECT

Andrew Walkty^{1,2}, Cole Lysak¹, Rhiannon Farias², Heather J Adam^{1,2}, Philippe Lagace-Wiens^{1,2}, James Karlowsky^{1,2}, George Zhanel¹

¹Department of Medical Microbiology and Infectious Diseases, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB, Canada

²Shared Health, Winnipeg, MB, Canada

P023

EVALUATION OF AZTREONAM/AVIBACTAM GRADIENT TEST STRIP AND AZTREONAM-CEFTAZIDIME/AVIBACTAM BROTH DISK ELUTION (BDE) METHOD FOR SUSCEPTIBILITY TESTING OF METALLO-B-LACTAMASE POSITIVE CARBAPENEMASE-PRODUCING BACTERIA

Hasan Hamze¹, Aleksandra Stefanovic^{1,2}, Leah Gowland¹, Patrick Tang^{1,2}, Nancy Matic^{1,2}, Victor Leung^{1,2}, Christopher F Lowe^{1,2}, Marc G Romney^{1,2}, Michael Payne^{1,2}

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P024

WHOLE GENOME SEQUENCING TO ASSESS GENETIC PROPERTIES AND ANTIMICROBIAL RESISTANCE PATTERNS OF THE 8 NOVEL V116 PNEUMOCOCCAL VACCINE SEROTYPES 15A, 15C, 16F, 23A, 23B, 24F, 31, 35B IN CANADA: CANWARD 2011-2020

John J Schellenberg¹, Heather J Adam^{1,2}, Melanie Baxter¹, James A Karlowsky^{1,2}, Alyssa R Golden³, Irene Martin³, George G Zhanel¹

¹University of Manitoba, Winnipeg, MB, Canada ²Shared Health, Winnipeg, MB, Canada ³Public Health Agency of Canada, Winnipeg, MB, Canada

P025

WHEN AND HOW IS IV DALBAVANCIN USED IN CANADA: RESULTS FROM THE CLEAR REGISTRY

George Zhanel¹, Michael Silverman², Janhavi Malhotra², Melanie

Baxter¹, Reza Rahimi², Wayne Leung³, Tim MacLaggan⁴, William Connors⁵, Neal Irfan⁶, Gabriel Girouard⁷, Rita Dhami⁸, Melissa Kucey⁹, Vida Stankus², Kristin Schmidt⁹, Sébastien Poulin¹⁰, Michel Savoie¹¹, Alex Serebryansky⁸, Maria Coccimiglio¹², Christa Connolly¹³, Michel Korkmaz¹¹, Yoav Keynan¹, Andrew Walkty¹, James Karlowsky¹

¹University of Manitoba, Winnipeg, MB, Canada ²St. Joseph's Health Care, London, ON, Canada ³Western University, London, ON, Canada ⁴Horizon Health Network, Moncton, NB, Canada ⁵University of British Columbia, Vancouver, BC, Canada ⁶Hamilton Health Sciences Centre, Hamilton, ON, Canada ⁷Dr. Georges-L-Dumont University Hospital, Moncton, NB, Canada ⁸London Health Sciences Centre, London, ON, Canada ⁹Regina General Hospital, Regina, SK, Canada ¹⁰CISSS des Laurentides, Hôpital de St-Jérôme, Saint-Jérôme, QC, Canada ¹¹Université de Montréal, Montréal, QC, Canada ¹²Sault Area Hospital, Sault Ste Marie, ON, Canada ¹³Guelph General Hospital, Guelph, ON, Canada

P026

USAGE OF IV AMOXICILLIN/CLAVULANATE IN CANADA: RESULTS FROM THE CLEAR REGISTRY

George Zhanel¹, Gerald McDonald², Melanie Baxter¹, Brayden Halweg², Alex Serebryansky³, Muhammad Hammad³, Anna Lee⁴, Zain Chagla⁵, Yazdan Mirzanejad⁶, Melissa Kucey⁷, Marty Teltscher⁸, Andrew Walkty¹, James Karlowsky¹

¹University of Manitoba, Winnipeg, MB, Canada ²Newfoundland Health Sciences Centre, St John's, NL, Canada ³London Health Sciences Centre, London, ON, Canada ⁴Scarborough Health Network, Toronto, ON, Canada ⁵St. Joseph's Healthcare, Hamilton, ON, Canada ⁶University of British Columbia, Vancouver, BC, Canada ⁷Regina General Hospital, Regina, SK, Canada ⁸Jewish General Hospital, Montreal, QC, Canada

P027

HOW AND WHY CLINICIANS USE IV FOSFOMYCIN IN CANADA: FINAL RESULTS FROM THE NATIONAL CLEAR (CANADIAN LEADERSHIP ON ANTIMICROBIAL REAL-LIFE USAGE) REGISTRY

George Zhanel¹, Melanie Baxter¹, Maggie Wong², Yazdan Mirzanejad³, Anna Lee⁴, Rita Dhami⁵, Justin Kosar⁶, Denise Werry⁷, Neal Irfan⁸, Jean-François Tessier⁹, Gabriel Girouard¹⁰, Carlo Tascini¹¹, Teagen von den Baumen¹², Michel Savoie¹³, Alex Serebryansky⁵, Jasmine Chan¹⁴, Melissa Kucey⁶, Andrew Walkty¹, James Karlow¹

¹University of Manitoba, Winnipeg, MB, Canada ²Fraser Health, Vancouver, BC, Canada ³University of British Columbia, Vancouver, BC, Canada ⁴Scarborough Health Network, Toronto, ON, Canada ⁵London Health Sciences Centre, London, ON, Canada ⁶Royal University Hospital, Saskatoon, SK, Canada ⁷Surrey Memorial Hospital, Surrey, BC, Canada ⁸Hamilton Health Sciences Centre, Hamilton, ON, Canada ⁹CIUSSS de l'Est-de-l'Île-de-Montréal, Montreal, QC, Canada ¹⁰Centre Hospitalier Universitaire Dr Georges-L-Dumont, Moncton, NB, Canada ¹¹Cotugno Hospital, Naples, Italy ¹²University of Toronto, Toronto, ON, Canada ¹³Université de Montréal, Montreal, QC, Canada ¹⁴Halton Healthcare, Oakville, ON, Canada

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MOLECULAR ASSESSMENT OF CLARITHROMYCIN RESISTANCE IN *HELICOBACTER PYLORI* IN BRITISH COLUMBIA

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RECOVERING *CUTIBACTERIUM ACNES* FROM BONE AND JOINT SPECIMENS: EXPERIENCES WITH PROLONGED INCUBATION AT TWO CENTRES

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HYPERVIRULENT *KLEBSIELLA PNEUMONIAE* INFECTIONS IN AN URBAN, TERTIARY CARE HOSPITAL

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P031

UNGROUPING THE *BACTEROIDES FRAGILIS* GROUP: SPECIES-LEVEL OBSERVATIONS AT A REGIONAL CLINICAL MICROBIOLOGY LABORATORY

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LIPIDOMICS INSIGHTS INTO ANTIMICROBIAL RESISTANCE IN *E COLI*

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WASTEWATER-BASED SURVEILLANCE (WBS) OF SHIGA TOXIN-PRODUCING *ESCHERICHIA COLI* (STEC) DURING A CITY-WIDE DAYCARE OUTBREAK

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ASSESSMENT OF WASPLAB® PERFORMANCE AND OPTIMAL INCUBATION TIME FOR URINE CULTURES

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P035

HYPERVIRULENT *KLEBSIELLA PNEUMONIAE* HARBOURING CARBAPENEM-RESISTANCE GENES IN ALBERTA, CANADA, 2016 TO 2024

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FAST AND USER-FRIENDLY DISCRIMINATION OF HIGHLY VIRULENT *STREPTOCOCCUS AGALACTIAE* CLONAL COMPLEXES BY MALDI-TOF MS

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DEVELOPMENT AND VALIDATION OF A HIGH-RESOLUTION MELT ASSAY FOR RAPID DETECTION OF VANCOMYCIN RESISTANCE GENES IN ENTEROCOCCUS SPECIES

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VALIDATION OF THE BD Kiestra MRSA APPLICATION FOR DETECTION OF MRSA FROM SURVEILLANCE SPECIMENS ON BD BBL Chromagar MRSA II

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MICROBIOME ANALYSIS OF BRONCHOALVEOLAR LAVAGE (BAL) SPECIMENS FROM IMMUNOCOMPROMISED PATIENTS WITH LOWER RESPIRATORY TRACT INFECTIONS (LRTI) COMPARED TO THOSE FROM HEALTHY VOLUNTEERS

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CENTRAL NERVOUS SYSTEM TUBERCULOSIS IN ALBERTA: A NINE-YEAR POPULATION-BASED RETROSPECTIVE COHORT STUDY

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THE ASSOCIATION OF IMMUNOCOMPROMISING CONDITIONS WITH MORTALITY FROM BLASTOMYCOSIS IN MANITOBA

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SILENT POLYCLONAL INFECTIONS IN BACTEREMIA: SURVEY OF 10 MAJOR BACTERIAL PATHOGENS IN THE CALGARY REGION

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CLINICAL CHARACTERISTICS OF VARICELLA ZOSTER VIRUS (VZV) INFECTIONS IN ADULT SOLID ORGAN TRANSPLANT RECIPIENTS

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CHARACTERIZING THE PATHOGENS AND ANTIBIOTIC THERAPY FOR VENTILATOR-ASSOCIATED PNEUMONIA IN CHRONICALLY VENTILATED PATIENTS ADMITTED TO VANCOUVER GENERAL HOSPITAL

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PERFORMANCE OF A NASAL MULTIPLEX RAPID ANTIGEN DETECTION TEST (RADT) AS A COMPLEMENT TO NUCLEIC ACID AMPLIFICATION TEST (NAAT) TO DETECT RESPIRATORY VIRUSES IN A PEDIATRIC EMERGENCY DEPARTMENT SETTING

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ESTIMATES OF PEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA INCIDENCE IN HIGH-INCOME COUNTRIES SINCE 2010: A SYSTEMATIC REVIEW

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A CLINICAL OVERVIEW OF UTILIZATION OF TOCILIZUMAB FOR COVID-19 AT A TERTIARY CARE TEACHING ORGANIZATION IN 2023

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M. ABSCESSUS SOFT TISSUE INFECTIONS ASSOCIATED WITH LIPOLYTIC AGENTS SUBCUTANEOUS INJECTION: AN OUTBREAK REPORT AND MOLECULAR EPIDEMIOLOGY STUDY

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VALIDATION OF EXPEDITED ANTIMICROBIAL SUSCEPTIBILITY TESTING USING SHORT-INCUBATION BLOOD CULTURE SUBCULTURES

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RAPID IDENTIFICATION OF FILAMENTOUS FUNGI USING MATRIX-ASSISTED LASER DESORPTION/IONIZATION TIME-OF-FLIGHT MASS SPECTROMETRY (MALDI - TOF MS)

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PERFORMANCE OF THE BIOGX AND A LAB DEVELOPED POLYMERASE-CHAIN REACTION TESTS TO DETECT THE PRESENCE OF SHIGA TOXIN SUBTYPES 1 AND 2 ON THE BD MAX PLATFORM

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VERIFICATION OF CEFTAZIDIME-AVIBACTAM AND AZTREONAM SYNERGY TESTING BY BROTH DISK ELUTION (BDE) USING *E COLI* AR0137 AS A QC REPLACEMENT

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HEPATITIS C RNA REFLEX TESTING TO IMPROVE TURNAROUND TIME TO DIAGNOSIS

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EVALUATING LABORATORY REPORTING IN SUPERFICIAL WOUND SWABS WITH MULTIPLE GRAM-NEGATIVE BACILLI IDENTIFIED

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EVALUATION OF THE MALDI BIOTYPER® MBT SUBTYPING MODULE FOR DETECTION OF *KLEBSIELLA PNEUMONIAE* CARBAPENEMASE (KPC) IN *ENTEROBACTERIALES* IN A CLINICAL MICROBIOLOGY LABORATORY

Emma C.L. Finlayson-Trick^{1,2}, Heather Glassman^{1,2}, Jasmine Ahmed-Bentley^{1,2}, Xinhe Liu¹, Linda Tsui¹, Lori Sung¹, Charlene Porter¹, Claudine Desruisseaux^{1,2}, Valery Laverigne^{1,2}, Suefay H Liu^{1,2}, Anthony Lieu^{1,2}, Marthe K Charles^{1,2}

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INVASIVE GROUP A STREPTOCOCCUS (IGAS) IN NEWFOUNDLAND AND LABRADOR (NL): RECENT EPIDEMIOLOGY AND RISK FACTORS

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EVALUATION OF THE XPERT® XPRESS STREP A FOR DETECTION OF *STREPTOCOCCUS PYOGENES* FROM PEDIATRIC PLEURAL FLUIDS

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P059

EVALUATION OF SEEGENE NOVAPLEX™ DERMATOPHYTE ASSAY TO ROUTINE CULTURE METHODS FOR DIAGNOSIS OF ONYCHOMYCOSIS

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EVALUATION OF THE QIASTAT-DX® GASTROINTESTINAL PANEL 2 FOR THE DETECTION OF VIRAL, PARASITIC AND BACTERIAL PATHOGENS IN FECALSWAB SPECIMENS

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ASSOCIATION OF SLEEP, EXERCISE, AND OTHER LIFESTYLE FACTORS WITH RESPIRATORY INFECTION IN A PROSPECTIVE COHORT STUDY OF UNIVERSITY STUDENTS

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VALIDATION OF *PLASMODIUM* DETECTION ASSAYS WITH HEAT-INACTIVATED CLINICAL WHOLE-BLOOD SPECIMENS FOR HEMORRHAGIC FEVER SUSPECTS FROM MALARIA-ENDEMIC AREAS

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COMPARATIVE PERFORMANCE OF XPERT[®] XPRESS STREP A AND ID NOW[™] STREP A ASSAYS USING ESWAB[™] MEDIA FOR GROUP A STREPTOCOCCUS DETECTION

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CLINICAL ASSAY VALIDATION AND BIOINFORMATIC PIPELINE CONSIDERATIONS OF AMPLICON-BASED RESPIRATORY SYNCYTIAL VIRUS WHOLE GENOME SEQUENCING

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PREDICTION OF ANTIBIOTICS RESISTANCE OF *STAPHYLOCOCCUS AUREUS* FROM GENOMIC DATA THROUGH MACHINE LEARNING

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DISCO-LAMP: A NOVEL MULTIPLEXED DIAGNOSTIC PLATFORM FOR MALARIA

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LOOP MEDIATED ISOTHERMAL AMPLIFICATION (LAMP) ASSAY FOR THE DETECTION OF ANTIMICROBIAL RESISTANCE IN *E COLI* BLOODSTREAM INFECTIONS

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ANAPLASMA PHAGOCYTOPHILUM DNA DETECTION IN ANONYMIZED HUMAN SAMPLES PREVIOUSLY TESTED FOR LYME ANTIBODIES IN A CANADIAN PROVINCE

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A REVIEW OF THE CLINICAL UTILITY OF PJP PCR FROM NASOPHARYNGEAL SWABS AT A CANADIAN TERTIARY CARE CENTER

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A TEMPERATURE-TIME ANTI-*TREPONEMA PALLIDUM* (SYPHILIS) STABILITY STUDY USING A SPIKE AND RECOVERY METHOD

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COMPARATIVE EVALUATION OF CHROMOGENIC MEDIA FOR DETECTION OF UROPATHOGENS USING THE BD Kiestra Total Laboratory Automation System

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P073

EVALUATION OF AN AUTOMATED NUCLEIC ACID EXTRACTION PLATFORM FOR QUANTITATIVE POLYMERASE CHAIN REACTION-BASED MALARIA PARASITE DETECTION AND SPECIES DIFFERENTIATION FROM WHOLE BLOOD

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P074

MULTI-SITE VALIDATION OF THE AUTOMATED AIX1000 RPR PLATFORM FOR IMPROVED REPRODUCIBILITY AND SCALABILITY

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STRATEGIES FOR CULTURE-INDEPENDENT SEQUENCING OF *HELICOBACTER PYLORI* AND *IN SILICO* PREDICTION OF ANTIBIOTIC RESISTANCE

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DIAGNOSTIC PERFORMANCE OF THE XPERT® MTB/RIF ULTRA ASSAY FOR DETECTING *MYCOBACTERIUM TUBERCULOSIS* IN HAMILTON, ON

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LOW OCCUPATIONAL RISK OF MPOX (CLADE 2B) TRANSMISSION FROM ROUTINE HANDLING OF PATIENT SPECIMENS IN A PROVINCIAL PUBLIC HEALTH CLINICAL MICROBIOLOGY LABORATORY

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MRSA CLONAL DYNAMICS BEFORE AND DURING THE COVID-19 PANDEMIC: A GENOMIC INVESTIGATION

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COMMUNITY-ASSOCIATED METHICILLIN-RESISTANT *STAPHYLOCOCCUS AUREUS* BLOODSTREAM INFECTIONS AMONG PEOPLE WHO INJECT DRUGS ADMITTED TO HOSPITALS IN CANADA (2010-2023): DATA FROM THE CANADIAN NOSOCOMIAL INFECTION SURVEILLANCE PROGRAM

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EVALUATION OF FT-IR FOR THE DIFFERENTIATION OF *CAMPYLOBACTER JEJUNI* STRAINS REGARDING THEIR POTENTIAL TO INDUCE GUILLAIN-BARRÉ SYNDROME

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IMPLEMENTATION OF MULTIPLEX BACTERIAL PNEUMONIA PCR IN HOSPITAL AND COMMUNITY SETTINGS: SASKATOON, SASKATCHEWAN

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VALIDATION OF A REAL-TIME POLYMERASE CHAIN REACTION (RT-PCR) ASSAY FOR THE DETECTION OF *PNEUMOCYSTIS JIROVECI* ON THE BD MAX OPEN SYSTEM

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WHOLE GENOME SEQUENCING REVEALS THE CIRCULATION OF MULTIPLE HUMAN CORONAVIRUS OC43 GENOTYPES IN ONTARIO

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DEVELOPMENT OF A DUAL DIAGNOSTIC AND PROGNOSTIC ELECTROCHEMICAL BIOSENSOR FOR PREDICTING INFECTION BURDEN IN MALARIA IN PREGNANCY (MIP)

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P086

WASTEWATER-BASED SURVEILLANCE OF RESPIRATORY VIRUSES AND CORRELATION WITH CLINICAL DATA

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**COMPARATIVE DIAGNOSTIC EVALUATION
OF THREE POLYMERASE CHAIN REACTION
ASSAYS FOR THE DETECTION AND
DIFFERENTIATION OF PLASMODIUM
SPECIES: A RETROSPECTIVE STUDY IN TWO
CANADIAN REFERENCE LABORATORIES**

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**COMPARISON OF BIOINFORMATIC
ASSEMBLERS FOR PHYLOGENETIC ANALYSIS
OF VIRAL METAGENOMIC SEQUENCING FROM
NOSOCOMIAL RESPIRATORY OUTBREAKS**

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**MALARIA MAGNETIC BIND & BOIL (MMBB):
A RAPID AND AFFORDABLE NEAR PATIENT
NUCLEIC ACID EXTRACTION APPROACH
FOR THE DETECTION OF MALARIA SPECIES
USING LOOP-MEDIATED ISOTHERMAL
AMPLIFICATION**

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**ADDRESSING STOOL COMPLEXITY
IN AUTOMATED DNA EXTRACTION:
RETROSPECTIVE EVALUATION OF TWO
COMMERCIAL AUTOMATED DNA EXTRACTION
PLATFORMS FOR GASTROINTESTINAL
PROTOZOA**

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EVALUATION OF BEAD-BEATING PRE-TREATMENT AND TWO COMMERCIAL QUANTITATIVE POLYMERASE CHAIN REACTION ASSAYS FOR DETECTION OF GASTROINTESTINAL PROTOZOA

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VALIDATION OF THE COPAN LIQUID AMIES ELUTION (ESWAB®) FOR COLLECTION, TRANSPORT AND TESTING OF VAGINAL SPECIMENS FOR *TRICHOMONAS VAGINALIS* ON THE OSOM TRICHOMONAS RAPID TEST

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COMPARATIVE PERFORMANCE OF VITEK 2 ADVANCED EXPERT SYSTEM (AES) VERSUS BD PHOENIX CPO DETECT TEST FOR DETECTION OF CARBAPANEMASE-PRODUCING ORGANISMS (CPOS)

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A CHANGING HIV DEMOGRAPHIC: A RETROSPECTIVE COHORT STUDY DESCRIBING NEGATIVE OUTCOMES IN A GROWING HIV POPULATION

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LUNG INFLAMMATION AND FIBROSIS FOR TARGETED INTERVENTION TO MODULATE EARLY LUNG DYSFUNCTION IN HIV-INFECTED: LIFETIME STUDY

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ANTIMICROBIAL USE AND INFECTION CONTROL AMONG PATIENTS WITH INFLUENZA

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INTEGRATING AI INTO INFECTION CONTROL: EVALUATING THE ACCURACY AND CONSISTENCY OF FOUR LEADING PLATFORMS ACROSS THREE REGIONS

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HOW EFFECTIVE ARE CONTINUOUS MASKING POLICIES IN REDUCING TRANSMISSION OF RESPIRATORY VIRAL INFECTIONS IN

HOSPITALS? A SYSTEMATIC REVIEW

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MANAGEMENT AND PEDIATRIC CONSIDERATIONS DURING A MEASLES OUTBREAK IN A TERTIARY CARE PEDIATRIC HOSPITAL

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HEPATITIS B IN ALBERTA, SASKATCHEWAN, AND MANITOBA COMPARED TO CANADA FROM 1980-2023

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RECOMMENDATIONS FOR DETECTION OF LEGIONELLA SPECIES BY CULTURE FOR HOSPITALIZED AT-RISK POPULATIONS: A STRUCTURED NARRATIVE LITERATURE REVIEW

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CLINICAL IMPLICATIONS OF MICROBIAL MISCLASSIFICATION IN BLOODSTREAM INFECTIONS: INSIGHTS FROM WHOLE GENOME SEQUENCING OF THE CALGARY BSI COHORT

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IMPLEMENTATION OF IN-HOUSE TB PCR TESTING TO REDUCE TEST TURNAROUND TIME AND AIRBORNE ISOLATION DAYS

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ASSESSING THE PUBLIC HEALTH IMPACT OF THE ADJUVANTED RESPIRATORY SYNCYTIAL VIRUS PREFUSION F PROTEIN (RSVPREF3) VACCINE IN 50–59-YEAR-OLD CANADIAN ADULTS AT INCREASED RISK FOR RSV DURING THREE FULL RSV SEASONS

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HEALTHCARE-ASSOCIATED INFECTIONS AND ANTIMICROBIAL USE AMONG CANADIAN PEDIATRIC INPATIENTS: 2024 POINT PREVALENCE SURVEY RESULTS FROM THE CANADIAN NOSOCOMIAL INFECTION SURVEILLANCE PROGRAM (CNISP)

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A DRAMATIC RISE IN CARBAPENEMASE-PRODUCING ENTEROBACTERIALES AFTER A THREE-YEAR DECLINE FOLLOWING THE COVID-19 PANDEMIC

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MIND THE GAP: THE EVOLUTION OF PROVINCIAL INFECTION PREVENTION AND CONTROL PRACTICES AGAINST ANTIMICROBIAL RESISTANT ORGANISMS

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GENOMIC EPIDEMIOLOGY OF VANCOMYCIN-RESISTANT *E FAECIUM* FROM TWO ACADEMIC HOSPITALS 2020-2024

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TEST PERFORMANCE OF THE FUNGIXPERT CRYPTOCOCCUS ANTIGEN (CRAG) LATERAL FLOW ASSAY (LFA) AGAINST THE IMMY CRAG LFA: A RETROSPECTIVE AND PROSPECTIVE STUDY ACROSS FIVE CANADIAN LABORATORY SITES

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DEVELOPMENT AND EVALUATION OF A STANDARDIZED PROCEDURE FOR ASSESSING STERILITY OF COMPOUNDING PROCEDURES USING CLOSED SYSTEM TRANSFER DEVICE TO EXTEND BEYOND-USE-DATE OF ONCOLOGY MEDICATIONS

Erin Choi¹, Scarlett Pourmatin¹, Allison Jocko², Tharsi Manickavasagar², Tanvir Pathan¹, Marc Chouinard¹, Kawshiya Sooriyakumaran¹, Christie Vermeiren^{1,3}

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PAEDIATRIC COMMUNITY-ACQUIRED PNEUMONIA IN THE COVID-19 ERA PRIOR TO THE INTRODUCTION OF EXPANDED-VALENCY PNEUMOCOCCAL CONJUGATE VACCINES: A PROSPECTIVE COHORT STUDY

Jayalakshmi Pothiraj, Shamini Selvakumar, Motunrayo Oyejide, Gita Wahi, April Kam, Marek Smieja, Jeffrey Pernica

McMaster University, Hamilton, ON, Canada

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PROFILE OF CHILDREN WITH ACTIVE TUBERCULOSIS AT A TERTIARY PEDIATRIC HOSPITAL

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RISK FACTORS FOR SEVERE DISEASE AMONG CHILDREN HOSPITALIZED WITH ENTEROVIRUS/RHINOVIRUS INFECTIONS IN 2022-2023

Stephanie Zahradnik^{1,2,3,4}, Rohini Datta⁵, Danny Farrar⁵, Caitlyn Kaziev², Haifa Mtaweh⁶, Claire Seaton^{7,8,9}, Manish Sadarangani^{10,11}, Jeffrey Bone¹², Shaun Morris^{1,3,5,13}, Peter Gill^{2,3,4}

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FEWER HANDS, FASTER DIAGNOSIS: IMPROVING EFFICIENCY WITH SIMULTANEOUS ENTERIC PROTOZOAN NAAT IMPLEMENTATION AND DISCONTINUATION OF PERMANENT STAIN MICROSCOPY

Hélène Letellier¹, Simon Levesque^{1,2}, Julien Villeneuve², Karine Thivierge³, Philippe Martin^{1,2}, Valérie Roy³, Sabrina Paquette², Nathalie Brown², Claudia Cloutier², Marie-Ève Papirakis², Louiselle LeBlanc^{1,2}

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A FAMILY-FOCUSSED IMMUNIZATION CLINIC TO IMPROVE PROTECTION AGAINST VACCINE-PREVENTABLE DISEASES: PUBLIC HEALTH IN AN ACUTE PEDIATRIC HOSPITAL SETTING

Winnie Fu^{1,2}, Shuzhen Liu², Cecilia Yang², Kim Marty², Manish Sadarangani^{1,2}

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LEVERAGING WASTEWATER-BASED SURVEILLANCE TO ANALYZE SOCIETAL DRIVERS OF POPULATION-LEVEL ANTIMICROBIAL RESISTANCE

Jangwoo Lee¹, Catalina Gonzalez¹, Emily Au¹, Barbara Waddell¹, Rahat Zaheer², Tim McAllister², Srijak Bhatnagar³, Benson Weyant¹, Diego Nobrega¹, Herman Barkema¹, Rhonda Clark¹, Stefania Bertazzon¹, Bonita Lee⁴, Xiaoli Pang⁴, John Conly¹, Christine O'Grady¹, Kevin Frankowski¹, Casey Hubert¹, Michael Parkins¹

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LEVERAGING LAMPREG THROUGH EXPLOITING OMICS, CLINICAL AND COMPUTATIONAL APPROACHES TO PREDICT THE OUTCOMES OF MALARIA IN PREGNANCY (MIP)

Shoaib Ashraf¹, Biniyam Mezgebo¹, Nolan Shelley¹, Jack Burke-Gaffney¹, Banchamlak Tegegne², Dennis Orton³, Delenasaw Yewhalaw⁴, Mekonnen Teferi⁵, Dylan Pillai^{1,3}, LAMPREG STUDY TEAM^{1,2,4,5}, [Artsiom Shchemialiou](#)¹

¹University of Calgary, Calgary, AB, Canada ²Amhara Public Health Institute, Bahir Dar, Amhara, Ethiopia ³Alberta Precision Lab, Calgary, AB, Canada ⁴Jimma University, Jimma, Oromia, Ethiopia ⁵Armauer Hansen Research Institute, Addis Ababa, Addis Ababa, Ethiopia

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COMPARISON OF PNEUMOCOCCAL CONJUGATE VACCINES PCV20 AND PCV15 FOR ADMINISTRATION TO CHILDREN IN CANADA: ANALYSIS FROM THE SAVE STUDY

[Heather J Adam](#)^{1,2}, James A Karlowsky^{1,2}, Melanie Baxter¹, John Schellenberg¹, Alyssa R Golden³, Irene Martin³, George G Zhanel¹

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SIMPLE BUT NOT EASY - ASSESSING AND ADDRESSING THE UNDERLYING SYSTEMIC BARRIERS TO THE HEPATITIS C (HCV) CASCADE OF CARE

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TRENDS IN PARVOVIRUS B19 PREVALENCE IN BLOOD DONATIONS IN QUEBEC

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BABESIA NUCLEIC ACID PREVALENCE IN BLOOD DONATIONS IN SOUTHERN QUEBEC

Christian Renaud^{1,2}, Milena Fedorova¹, Nathalie C Simard¹, Jean-François Côté¹, Marc Germain¹, Jeffrey M Linnen³, Paula Saa⁴, Jamel A Groves⁴, Laura Tonnetti⁴, Susan L Stramer⁵, Antoine Lewin^{1,6}

¹Héma-Québec, Montréal, QC, Canada ²Université de Montréal, Montréal, QC, Canada ³Grifols Diagnostic Solutions Inc, San Diego, CA, USA ⁴American Red Cross, Rockville and Gaithersburg, MD, USA ⁵Infectious Disease Consultant, North Potomac, MD, USA ⁶Université de Sherbrooke, Sherbrooke, QC, Canada

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PREVALENCE OF STREPTOCOCCUS PNEUMONIAE COLONIZATION IN UNHOUSED POPULATIONS IN AN URBAN CANADIAN SETTING

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DISSEMINATED GONOCOCCAL INFECTION IN MANITOBA: A DESCRIPTIVE STUDY

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RESURGENCE OF SYPHILIS: UNVEILING EPIDEMIOLOGICAL TRENDS AND RISING CASES IN ALBERTA, MANITOBA, SASKATCHEWAN, AND CANADA

Mariana Herrera¹, Camila Oda¹, Angela Copete¹, Maria Arango¹, Zipporah Gitau¹, Camilo Suarez¹, Rotem Keynan¹, Ameeta E Singh², Stuart Skinner³, Cara Spence³, Lauren J MacKenzie^{4,5}, Ken Kasper^{4,5,6}, Laurie Ireland^{5,7,8}, Jared Bullard^{1,9,10}, Diana Marin¹¹, Lucelly Lopez¹¹, Margaret Haworth-Brockman^{12,13}, Zulma Rueda^{1,11}, Yoav Keynan^{1,12,4,13}

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INCREASED BURDEN OF HEPATITIS C (HCV) IN ALBERTA, SASKATCHEWAN AND MANITOBA ASSOCIATED WITH SYNDEMICS OF SUBSTANCE USE, 1980-2023

Zipporah Gitau¹, Camilo Suarez¹, Maria Arango¹, Mariana Herrera¹, Camila Oda¹, Angela Copete¹, Rotem Keynan¹, Ameeta E Singh², Stuart Skinner^{3,4}, Cara Spence^{5,4}, Lauren J MacKenzie^{6,7}, Ken Kasper^{6,8,9}, Laurie Ireland^{8,10,11}, Jared Bullard^{1,12,13}, Lucelly

Lopez¹⁴, Margaret Haworth Brockman^{15,16}, Zulma Rueda^{1,14}, Yoav Keynan^{1,6,17,18}

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NEISSERIA GONORRHOEAE INFECTION AND ANTIMICROBIAL RESISTANCE IN ALBERTA, SASKATCHEWAN, AND MANITOBA COMPARED TO CANADA, 1980 TO 2022

Camilo Suarez¹, Zipporah Gitau¹, Maria Arango¹, Mariana Herrera¹, Camila Oda¹, Angela Copete¹, Rotem Keynan¹, Ameeta E Singh², Stuart Skinner^{3,4}, Cara Spence^{4,3}, Lauren J MacKenzie^{1,5}, Ken Kasper^{5,6,7}, Laurie Ireland^{6,8,9}, Irene Martin¹⁰, Jared Bullard^{1,11,12}, David Alexander^{1,11}, Diana Marin¹³, Lucelly Lopez¹³, Margaret Haworth-Brockman^{14,15}, Yoav Keynan^{1,5,14,15}, Zulma Rueda^{1,13}

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TRENDS IN THE INCIDENCE OF CHLAMYDIA IN ALBERTA, SASKATCHEWAN, AND MANITOBA COMPARED TO CANADA 1991-2022

Maria Arango¹, Rotem Keynan¹, Zipporah Gitau¹, Camilo Suarez¹, Angela Copete¹, Mariana Herrera¹, Camila Oda¹, Ameeta E Singh², Stuart Skinner^{3,4}, Cara Spence^{4,3}, Lauren J MacKenzie^{5,6}, Ken Kasper^{5,6,7}, Laurie Ireland^{6,8,9}, Jared Bullard^{1,10,11}, David Alexander^{1,10}, Diana Marin¹², Lucelly Lopez¹², Margaret Haworth-Brockman^{13,14}, Yoav Keynan^{1,5,14,13}, Zulma Rueda^{1,12}

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M GENITALIUM INFECTIONS AND ASSOCIATED ANTIMICROBIAL RESISTANCE IN SIX CANADIAN PROVINCES, 1980-2022

Angela Copete¹, Mariana Herrera¹, Camilo Suarez¹, Zipporah Gitau¹, Maria Arango¹, Rotem Keynan¹, Camila Oda Oda¹, Ameeta Singh², Stuart Skinner^{3,4}, Cara Spence^{3,4}, Lauren MacKenzie^{1,5}, Ken Kasper^{5,6,7}, Laurie Ireland^{6,8,9}, Irene Martin¹⁰, Jared Bullard^{11,12}, Lucelly Lopez¹³, Diana Marin¹³, Margaret Haworth-Brockman^{14,15}, Yoav Keynan^{1,5,14,15}, Zulma Rueda^{1,13}

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PRELIMINARY EVALUATION OF DECENTRALIZED RAPID SYPHILIS AND HIV TESTING AT SEVEN ACUTE CARE FACILITIES IN A WESTERN CANADIAN PROVINCE AFTER 14 MONTHS OF IMPLEMENTATION

Kevin Fonseca^{1,2}, Ameeta E Singh³, Cari Egan⁴, Jennifer Gratrix⁵, Byron Berenger^{1,6}, Stacy Valaire⁷, Graham Tipples⁸, Hong Yuan Zhou¹, William Stokes⁸, Richelle Schindler⁹, Allison A Venner^{6,10}, Noel Ives⁵

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PRELIMINARY DATA ON THE DETECTION OF RUBELLA-MEMORY T-CELLS: ELISPOT ASSAY VS FLOW CYTOMETRY

Tamara A Semeria Maitret¹, Sabrina S Plitt², Troy Baldwin³, Carmen L Charlton^{1,4,5}

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**ACUTE HUMAN IMMUNODEFICIENCY VIRUS
CONFIRMATION USING REFLEX VIRAL LOAD
TESTING ON SERA**

Alexander Pupek¹, Colleen Jackson², Darren Sarty², Jason J
LeBlanc^{1,2}, Todd F Hatchett^{1,2}

¹Dalhousie University, Halifax, NS, Canada ²Division of Microbiology,
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Halifax, NS, Canada

Rapid Fire Presentations and Posters

RAPID FIRE POSTER PRESENTATIONS

FRIDAY MAY 2

12:15 – 12:45 PRESENTERS AT POSTERS TO ANSWER QUESTIONS

Exhibition Hall CDX
(2nd floor – North Bld)

WEDNESDAY APRIL 30

15:30 – 16:30 RAPID FIRE STUDENT PRESENTATIONS A (RFA001 – RFA012)

Glen 206 – CTCC South Building

RFA001 - Epidemiology of cystic echinococcosis in the Canadian Pacific Northwest: a 12-year retrospective review

Calvin KE Lo¹, Suefay H Liu^{1,2}, Mohammed Al-Abri³, Martin Cheung⁴, Jonathan Laley⁴, Muhammad Morshed^{1,4}, Maja Segedi³, Catherine A Hogan^{1,4}, Katherine Plewes⁵

¹Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada. ²Division of Medical Microbiology and Infection Control, Vancouver Coastal Health Authority, Vancouver, BC, Canada. ³Division of General Surgery, University of British Columbia, Vancouver, BC, Canada. ⁴BC Centre for Disease Control, Public Health Laboratory, Vancouver, BC, Canada. ⁵Division of Infectious Diseases, University of British Columbia, Vancouver, BC, Canada

RFA002 - Characterizing missed opportunities for definitive oral antimicrobials in prosthetic joint infections: a 1-year review

Jason Zou¹, Cesilia Nishi^{1,2}, Alissa Wright¹

¹Division of Infectious Diseases, Department of Medicine, University of British Columbia, Vancouver, BC, Canada. ²Faculty of Pharmaceutical Sciences, University of British Columbia, Vancouver, BC, Canada

RFA003 - Linking two worlds: Harnessing metabolomics and lipidomics to elucidate the mechanisms of the mleNΔA467

compensatory mutation of ceftriaxone-resistant *Neisseria gonorrhoeae*

Julia Adug¹, Stephanie L Bishop², Ian A Lewis¹, Adriana Zardini Buzatto¹

¹University of Calgary, Calgary, AB, Canada. ²Western University, London, ON, Canada

RFA004 - A retrospective comparison study of samples collected intraoperatively for the diagnosis of bacterial infection

Kartikay Tyagi¹, Jessica D Forbes^{1,2,3}

¹Department of Pathology and Laboratory Medicine, University of Ottawa, Ottawa, ON, Canada. ²Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada. ³The Ottawa Hospital Research Institute, Ottawa, ON, Canada

RFA005 - Beyond the matrix: Rethinking antibiotic tolerance in CF biofilms using 3D models

Goodness Osondu-Chuka¹, Stephan Schandl², Aleksandr Ovsianikov², Erik Reimhult¹

¹Institute of Colloid and Biointerface, Vienna, Austria. ²Technische Universität Wien, Vienna, Austria

RFA006 - Trends in antimicrobial resistance among Gram-negative organisms in an academic tertiary-care laboratory between January 2013 and December 2024 – A continued rise in MDRO and XDRO *Klebsiella pneumoniae*

Yerin R Lee^{1,2}, Camilo C Sanchez², Golnoush Akhtari², Ceylon Simon², Susan M Poutanen^{1,2}

¹Temerty Faculty of Medicine, University of Toronto, Toronto, ON, Canada.

²Department of Microbiology, University Health Network/ Sinai Health, Toronto, ON, Canada

RFA007 - Antimicrobial stewardship audit and feedback to reduce unnecessary oral antibiotic prescribing: a single centre, quasi-experiment pilot study

Ahmad Aloufi¹, Calvin KE Lo², Adrianna Gunton³, Colin Lee¹, Victor Leung^{1,2,3,4,5}

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RFA008 - Utility of cytomegalovirus (CMV) qualitative polymerase chain reaction from gastrointestinal biopsies in predicting the diagnosis of CMV gastrointestinal disease: a 10-year retrospective study

Cole Schonhofer¹, Calvin KF Lo¹, Daniel R Owen¹, Khuloud Aldhaheer^{2,3}, Nancy Matic^{1,4}, Christopher F Lowe^{1,4}, David F Schaefer¹, Sarah Belga², Alissa Wright²

¹Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada. ²Division of Infectious Diseases, Department of Medicine, University of British Columbia, Vancouver, BC, Canada. ³Department of Medicine, Division of Infectious Diseases, Tawam Hospital, Al Ain, UAE. ⁴Division of Medical Microbiology and Virology, St. Paul's Hospital, Providence Health Care, Vancouver, BC, Canada

RFA009 - The prevalence of candidemia in patients with candiduria

Reema A Alabdulqader¹, Paul Bonnar², Glenn Patriquin³, Emma K Reid⁴, Valerie Murphy⁴, Ziyad Allehebi⁵

¹Department of Medicine, National Guard Health Affairs, Imam Abdulrahman AL Faisal Hospital, Dammam, Saudi Arabia. ²Division of Infectious Disease, Department of Medicine, Halifax, NS, Canada. ³Department of Pathology and Laboratory Medicine, Nova Scotia Health, Halifax, NS, Canada. ⁴Department of Pharmacy, Nova Scotia Health, Halifax, NS, Canada. ⁵Department of Microbiology, Faculty of Medicine in Rabigh, King Abdulaziz University, Jeddah, Saudi Arabia

RFA010 - Monkeypox virus shedding despite tecovirimat treatment in a Canadian cohort

Jacklyn R Hurst¹, Mary Addo², Abby Li³, Shreya S Kher³, Reva Persaud³, Misha Hummel³, Cassandra Bertucci³, Oscar JP

Espinosa³, Rosemary Audu⁴, Sharmistha Mistha³, Darrell HS Tan³, Robert Kozak⁵

¹Sunnybrook Research Institute, Toronto, ON, Canada. ²University of Toronto, Toronto, ON, Canada. ³St. Michael's Hospital, Toronto, ON, Canada. ⁴Nigerian Institute of Medical Research, Lagos, Nigeria, Nigeria. ⁵Sunnybrook Health Sciences Centre, Toronto, ON, Canada

RFA011 - A 5-year retrospective review of antimicrobial susceptibility trends for AmpC-producing Enterobacteriales in western Canada

Calvin KF Lo¹, Ahmad Aloufi², Geneviève Amaral¹, Hasan Hamze¹, Jennifer M Grant^{3,4}, Victor TH Yuen⁵

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RFA012 - Review of poliovirus serology requests in a Canadian province (2023-2024)

Charlotte Rosen¹, Nathan Zelyas^{2,3}, Hong Yuan Zhou^{1,4}, Byron Berenger^{1,4}, Karla Gustafson¹, Jamil N Kanji^{1,4}

¹University of Calgary, Calgary, AB, Canada ²University of Alberta, Edmonton, AB, Canada ³Alberta Precision Laboratories, Edmonton, AB, Canada ⁴Alberta Precision Laboratories, Calgary, AB, Canada

WEDNESDAY APRIL 30

15:30 – 16:30 RAPID FIRE PRESENTATIONS B (RFB001 – RFB012)

Glen 208/209 – CTCC South Building

RFB001 - Evaluation of a syphilis point-of-care test at a high-volume urban sexually transmitted infection clinic in Canada

Kathleen Whyte¹, Katrina Yuen², Maya Tharp², Ramin Azmin², Ian Hunter², Brody Lyons², Eri Flores², Muhammad Morshed³, Raymond SW Tsang¹, Troy Grennan^{2,4}

¹Public Health Agency of Canada – National Microbiology Laboratory Branch, Winnipeg, MB, Canada. ²Clinical Prevention Services – British Columbia Centre for Disease Control, Vancouver, BC, Canada. ³Syphilis Serology Section – British Columbia Centre for Disease Control, Vancouver, BC, Canada. ⁴Department of Medicine, University of British Columbia, Vancouver, BC, Canada

RFB002 - Diagnostic yield of clinical metagenomics for sterile site infections: A 5-year prospective study

Mohammad Rubayet Hasan^{1,2,3}, Anju Sharma⁴, Sathyavathi Sundararaju⁴, Mohammed Suleiman⁴, Clement Kin-Ming Tsui^{5,6}, Andres Perez-Lopez^{4,7}, Patrick Tang^{5,8}

¹Hamilton Regional Laboratory Medicine Program (HRLMP), Hamilton, ON, Canada. ²McMaster University, Hamilton, ON, Canada. ³Research Institute at St. Joe's Hamilton, Hamilton, ON, Canada. ⁴Sidra Medicine, Doha, Qatar. ⁵Infectious Disease Research Laboratory, National Centre for Infectious Diseases, Singapore, Singapore. ⁶University of British Columbia, Vancouver, BC, Canada. ⁷Weill Cornell Medicine in Qatar, Doha, Qatar. ⁸Pathology and Laboratory Medicine, St. Paul's Hospital, Vancouver, BC, Canada

RFB003 - Assessing the burden of nosocomial antimicrobial resistance by comparing the wastewater resistome of tertiary-care hospitals in Calgary to the overall community

Nicole Acosta¹, Jangwoo Lee¹, Emily Au¹, Barbara J Waddell¹, Kristine Du¹, Matt Penney¹, Bruce Dalton², Maria A Bautista¹, Rhonda Clark¹, Benson Weyant^{1,2}, Johann D Pitout¹, Joseph Kim^{1,2}, Bayan Missaghi^{1,2}, Oscar Larios^{1,2}, Jenine Leal¹, Elissa Rennert-May^{1,2}, Jamil Kanji^{1,2}, Paul Westlund³, Christine O'Grady¹,

John Conly^{1,2}, Casey RJ Hubert¹, Michael D Parkins^{1,2}

¹University of Calgary, Calgary, AB, Canada. ²Alberta Health Services, Calgary, AB, Canada. ³C.E.C. Innovations, Calgary, AB, Canada

RFB004 - Integrated safety analysis of fecal microbiota, live-*jslm* (RBL) in preventing recurrent *Clostridioides difficile* infection from 3 prospective clinical studies and efficacy outcomes from a phase 3 open-label study: Subgroup analyses of Canadian participants

Thomas Louie¹, Theodore S Steiner², Dina Kao³, Dan Smyth⁴, Beth Guthmueller⁵, Tracey Jason⁶, Susan N Elliott⁶, Shivam Srivastava⁷, Christine Lee⁸

¹University of Calgary, Calgary, AB, Canada. ²University of British Columbia, Vancouver, BC, Canada. ³University of Alberta, Edmonton, AB, Canada. ⁴Dalhousie University, Halifax, NS, Canada. ⁵Ferring Pharmaceuticals, Inc., Parsippany NJ, USA. ⁶Ferring Pharmaceuticals, Inc., North York, ON, Canada. ⁷Ferring Pharmaceuticals A/S, Copenhagen, Denmark. ⁸University of Victoria and University of British Columbia, Vancouver, BC, Canada

RFB005 - Preparedness for *Candida auris* in Canadian Nosocomial Infection Surveillance Program hospitals, 2024

Charlie Tan¹, Amrita Bharat², Erin McGill³, Robyn Mitchell³, Olivia Varsaneux³, Kristine Cannon⁴, Marthe K Charles⁵, Jeannette L Comeau⁶, Ian Davis⁷, Johan Delport⁸, Tanis Dingle⁹, Janine Domingos¹⁰, Philippe J Dufresne¹¹, Chelsey Ellis¹², Jennifer Ellison⁴, Amna Faheem¹³, Charles Frenette¹⁴, Linda Hoang¹⁵, Susy Hota¹⁶, Kevin C Katz¹⁷, Pamela Kibsey¹⁸, Julianne Kus¹⁹, Bonita Lee²⁰, Xena Li^{21,22}, Yves Longtin²³, Kathy Malejczyk²⁴, Shazia Masud²⁵, Dominik Mertz²⁶, Sonja Musto²⁷, Kishori Naik²⁸, Senthuri Paramalingam²⁹, Susan Poutanen³⁰, Dale Purych²⁵, Stephanie W Smith³¹, Jocelyn Srigley³², Reena Titoria³³, Jen Tomlinson²⁷, Kathleen (Xuetao) Wang³⁴, Titus Wong³⁵, Deborah Yamamura³⁶, Allison McGeer³⁷

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Canada. ⁶Department of Pediatrics, Dalhousie University, Halifax, NS, Canada. ⁷Department of Medicine, Dalhousie University, Halifax, NS, Canada. ⁸Department of Medical Microbiology, Western University Schulich School of Medicine and Dentistry, London, ON, Canada. ⁹Department of Pathology and Laboratory Medicine, University of Calgary, Calgary, AB, Canada. ¹⁰William Osler Health System, Brampton, Ontario, Canada. ¹¹Laboratoire de Santé Publique du Québec, Institute National de Santé Publique du Québec, Sainte-Anne-de-Bellevue, QC, Canada. ¹²Department of Microbiology, The Moncton Hospital, Moncton, NB, Canada. ¹³Infection Prevention and Control, North York General Hospital, Toronto, ON Canada. ¹⁴Department of Medicine, McGill University Health Centre, Montreal, QC, Canada. ¹⁵BC Centre for Disease Control, Vancouver, BC, Canada. ¹⁶Department of Medicine, University Health Network, Toronto, ON Canada. ¹⁷Infection Prevention and Control, North York General Hospital, Toronto, ON, Canada. ¹⁸Department of Microbiology, Vancouver Island Health Authority, Victoria, BC, Canada. ¹⁹Public Health Ontario Laboratory, Toronto, ON, Canada. ²⁰Department of Pediatrics, University of Alberta, Stollery Children's Hospital, Edmonton, AB Canada. ²¹Shared Hospital Laboratory, Toronto, ON, Canada. ²²Laboratory Medicine and Molecular Diagnostics, Sunnybrook Health Sciences Centre, Toronto, ON, Canada. ²³Department of Medicine, Jewish General Hospital, Montreal, QC, Canada. ²⁴Department of Medical Microbiology, Saskatchewan Health Authority, Regina, SK, Canada. ²⁵Department of Pathology and Laboratory Medicine, Surrey Memorial Hospital, Surrey, BC, Canada. ²⁶Departments of Medicine, Clinical Epidemiology and Biostatistics, Pathology and Molecular Medicine, and Michael G. DeGroote Institute for Infectious Diseases Research, McMaster University, Hamilton, ON, Canada. ²⁷Infection Prevention and Control, Health Sciences Centre, Winnipeg, MB, Canada. ²⁸West Park Healthcare Centre, Toronto, ON, Canada. ²⁹Scarborough Health Network, Toronto, ON, Canada. ³⁰Department of Microbiology, Sinai Health System, Toronto, ON, Canada. ³¹Faculty of Medicine, University of Alberta, Edmonton, AB, Canada. ³²Infection Prevention and Control, BC Women's Hospital and BC Children's Hospital, Vancouver, BC, Canada. ³³Infection Prevention and Control, Provincial Health Services Authority, Burnaby, BC, Canada. ³⁴Department of Pathology and Laboratory Medicine, Surrey Memorial Hospital, Surrey, BC, Canada. ³⁵Medical Microbiology and Infection Prevention, Vancouver Coastal Health, Vancouver, BC, Canada. ³⁶Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada. ³⁷Department of Medicine, Sinai Health System, Toronto, ON, Canada

RFB006 - Wastewater-based and clinical surveillance of

Mycoplasma pneumoniae prevalence and macrolide resistance

Ian Restall^{1,2}, Amjad Arrabi^{1,2}, Doris Williams^{1,2}, Sarah Marttala^{1,2}, Jodi D Gilchrist^{1,2}, Padman Jayaratne^{2,3}, Marek Smieja^{1,2,3}

¹The Research Institute of St. Joe's Hamilton, Hamilton, ON, Canada.

²McMaster University, Hamilton, ON, Canada. ³Hamilton Regional Laboratory Medicine Program, Hamilton, ON, Canada

RFB007 - Building capacity for confirmatory point-of-care testing for STBBIs in underserved populations across Canada

Dana R Cabiles¹, Breanne M Head², Leanne Pukalo¹, Xuefen Yang¹, Cole Baril¹, Hannah Ellis¹, Emma R Lee¹, Michael G Becker^{1,3}, Paul Sandstrom^{1,3}, Tracy Taylor¹

¹Public Health Agency of Canada, Winnipeg, MB, Canada. ²Public Health Agency of Canada, Winnipeg, MB, Canada. ³University of Manitoba, Winnipeg, MB, Canada

RFB008 - Influenza Treatment Team: Virtual Care Pathway to Antiviral Treatment

Emma K Reid¹, Sarah Opie¹, Lisa Nodwell¹, Shelly A McNeil^{1,2}, Tasha D Ramsey^{1,2}

¹Nova Scotia Health, Halifax, NS, Canada. ²Dalhousie University, Halifax, NS, Canada

RFB009 - Simultaneous detection of *Mycoplasma pneumoniae* and genotyping for macrolide susceptibility in nasopharyngeal specimens using a multiplex TaqMan qPCR

Padman Jayaratne^{1,2,3}, Zareen Chaudhary⁴, Candy Rutherford^{2,4}, Rubayet Hasan^{1,2,4}, Marek Smieja^{1,2,4}

¹McMaster University, Hamilton, ON, Canada. ²Hamilton Health Sciences, Hamilton, ON, Canada. ³St. Joseph's Healthcare, Hamilton, ON, Canada.

⁴St. Joseph's Healthcare, Hamilton, ON, Canada

RFB010 - Recurrent invasive pneumococcal disease in Calgary and Toronto, 2004-2022

Leah Jeanne Ricketson¹, Altynay Shigayeva², Alyssa R Golden³, Irene Martin³, Christopher Kandel^{4,5}, James D Kellner^{1,6}, Allison McGeer^{2,5}

¹University of Calgary, Calgary, AB, Canada. ²Sinai Health System, Toronto, ON, Canada. ³National Microbiology Laboratory, Public Health Agency of Canada, Winnipeg, MB, Canada. ⁴Toronto East Health Network, Michael Garron Hospital, Toronto, ON, Canada. ⁵University of Toronto, Toronto, ON, Canada. ⁶Alberta Health Services, Calgary, AB, Canada

RFB011 - Accuracy of plasma cell-free DNA PCR for non-invasive diagnosis of mucormycosis

Anthony Lieu^{1,2}, Jordan Mah^{2,3}, Veronica Nicholas², Angel Moreno², Kanagavel Murugesu², Dora Ho², Indre Budvytiene², Niaz Banaei²

¹Vancouver Coastal Health, Vancouver, BC, Canada. ²Stanford University School of Medicine, Stanford, CA, USA. ³Maisonnette-Rosemont Hospital, Montreal, QC, Canada

RFB012 - Antimicrobial Susceptibility in Canada: Initial Results from AMRNet Surveillance, 2020–2022.

Yi Qiao Liu¹, Amrita Bharat¹, Kevin A Brown², Marthe K Charles³, Connor Chato¹, Erica Chuang⁴, Peter Daley⁵, Xiaofeng Ding⁶, Meredith Faires⁷, Greg J German⁸, Gabriel Girouard⁹, Linda Hoang⁴, Khorina Khov¹, Pamela Kibsey¹⁰, Hannah Lishman⁴, Annie Mak⁴, Jessica Minion⁷, David M Patrick¹¹, Linda Pelude¹, Nick Smith⁴, Laura Steven¹², Eugene Yeung¹³, Wallis Rudnick¹

¹National Microbiology Laboratory, PHAC, Ottawa, ON, Canada. ²Public Health Ontario, Toronto, Ontario, Canada. ³Vancouver Coastal Health, Vancouver, BC, Canada. ⁴BCCDC, Vancouver, BC, Canada. ⁵NL Health Services, St. John's, NL, Canada. ⁶Health PEI, Charlottetown, PEI, Canada. ⁷Saskatchewan Health Authority, Saskatoon, Saskatchewan, Canada. ⁸Unity Health Toronto, Toronto, Ontario, Canada. ⁹Dr. Georges-L.-Dumont University Health Centre, Moncton, NB, Canada. ¹⁰Island Health, Victoria, BC, Canada. ¹¹University of British Columbia, Vancouver, BC, Canada. ¹²Stanton Territorial Hospital Laboratory, Yellowknife, NT, Canada. ¹³LifeLabs BC, Vancouver, BC, Canada

THURSDAY MAY 1

11:40 – 12:40 RAPID FIRE PRESENTATIONS C – STUDENT (RFC001 – RFC012)

Glen 206 – CTCC South Building

RFC001 - Reducing unnecessary microbiologic tests through the use of rules in an electronic health system

Benson Weyant¹, Nathan J Zelyas^{2,3}, Carmen L Charlton^{2,3}, William Stokes^{2,3}, Hong Yuan Zhou^{2,4}, Sean Jiang⁵, Maria Falsetti², Byron Berenger^{2,4}

¹Division of Infectious Diseases, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada. ²Alberta Public Health Laboratory, Alberta Precision Laboratories, Calgary, AB, Canada. ³Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, AB, Canada. ⁴Department of Pathology & Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada. ⁵Provincial Support Services, Information Technology, Alberta Health Services, Calgary, AB, Canada

RFC002 - Clinical outcomes of patients experiencing methicillin sensitive *Staphylococcus aureus* bacteremia as a function of the cefazolin high inoculum effect – a population-based multi-year study

Alexander J Kipp, Kristine Du, Barbara Wadell, Stephen Robinson, Julianna Svishchuk, John Conly, Annegret Ulke-Lemee, Maryam Mapar, Ian Lewis, Daniel B Gregson, Michael D Parkins

University of Calgary, Calgary, Alberta, Canada

RFC003 - Epidemiology of *Mycoplasma pneumoniae* Pneumonia in children: a retrospective chart review

Ella Rice Hui¹, Brody Duncan², Padman Jayaratne², Jeffrey Pernica²

¹McMaster University, Hamilton, ON, Canada. ²McMaster Children's Hospital, Hamilton, ON, Canada

RFC004 - A novel approach to leadership of antimicrobial stewardship programs: a provincial 'Operational Triad' in Alberta

Benson Weyant¹, Teagan King¹, Danah Alsharrah², Alexandra Predy³, Trevor Toy³, Holly Hoang⁴, Cora Constantinescu², Carsten Krueger²

¹Department of Medicine, Faculty of Medicine, University of Calgary, Calgary, AB, Canada. ²Department of Pediatrics, Faculty of Medicine, University of Calgary, Calgary, AB, Canada. ³Pharmacy Services, Alberta Health Services, Calgary, AB, Canada. ⁴Department of Medicine, Faculty of Medicine, University of Alberta, Edmonton, AB, Canada

RFC005 - Detection of parvovirus B19 in pooled nasopharyngeal specimens (NPS) from pediatric patients with upper respiratory tract infections

Zayn Brar^{1,2}, Mohammad Rubayet Hasan^{1,2,3}, Zareen Fatima¹, Julio Diaz L'Hoeste^{1,2}, Jodi D Gilchrist^{1,2}, Marek Smieja^{1,2,3}

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

RFC006 - Impact of revision in Aminoglycosides breakpoints against Enterobacterales in the 33rd edition of the Clinical and Laboratory Standards Institute (CLSI) M100 document on clinical reporting at a tertiary care hospital

Kumudhavalli Kavanoor Sridhar¹, Jonathan D Cook², Larissa M Matukas^{2,3}, Greg J German^{2,3,4}

¹Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada. ²Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada. ³Department of Laboratory Medicine, Unity Health Toronto, Toronto, ON, Canada. ⁴Li Ka Shing Knowledge Institute, Unity Health Toronto, Toronto, ON, Canada

RFC007 - *Clostridioides difficile* colonization: A pilot study evaluating prediction of infection in pediatric oncology patients

Adrian C Chan¹, Tamara MacDonald², Ketan Kulkarni^{1,2}, Stephanie Villeneuve^{3,4}, Tim Mailman^{1,2}, Jeannette L Comeau^{1,2}

¹Dalhousie University, Halifax, NS, Canada. ²WK Health, Halifax, NS, Canada. ³University of Manitoba, Winnipeg, MB, Canada. ⁴CancerCare Manitoba, Winnipeg, MB, Canada

RFC008 - Efficacy and Safety of Doxycycline in the Treatment of Community Acquired Pneumonia: A Systematic Review and Meta-analysis

Charlotte A Penner¹, Thomas A Warren²

¹Western University, London, ON, Canada. ²McMaster University, Oakville, ON, Canada

RFC009 - Verification of fluconazole disc diffusion susceptibility testing for Candida species using two-disc manufacturers

Alice Kanyua^{1,2}, Teslin S Sandstrom¹, Andra Banete¹, Kumudhavalli K Sridhar¹, Susan M Poutanen^{1,3,4}

¹Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada. ²Department of Pathology and Laboratory Medicine, Aga Khan University, Nairobi, Kenya. ³Department of Medicine, Faculty of Medicine, University of Toronto, Toronto, ON, Canada. ⁴University Health Network/Sinai Health Department of Microbiology, Toronto, ON, Canada

RFC010 - Breaking barriers: Exploring sexually transmitted infection screening needs in homeless shelter clients in an urban city centre

Jodi D Gilchrist^{1,2}, Kelly Waters², Sarah Marttala², Doris Williams², Zayn Brar^{1,2}, Alex Martindale², Julio Diaz L'Hoeeste^{1,2}, Ian Restall², Amjad Arrabi², David Bulir¹, Kerry Beal³, Marek Smieja^{1,2}

¹McMaster University, Hamilton, ON, Canada. ²Research St. Joseph's - Hamilton, Hamilton, ON, Canada. ³Shelter Health Network, Hamilton, ON, Canada

RFC011 - Vaccination rates and incidence of vaccine preventable diseases among people among people living with HIV in Manitoba, Canada from 2018 to 2022: a retrospective cohort study

Jayson Szun¹, Megan Sorokopud-Jones², Alexander Sharp², Nicole Zaki², Parisa Selseleh², Nathan Smith², Margaret Hawthorth-Brockman^{3,4}, Ken Kasper^{2,5,6}, Lauren MacKenzie^{2,6}, Laurie Ireland^{6,7}, Jared Bullard^{8,9,10}, Kimberly Templeton⁶, Lucelly Lopez¹¹, Yoav Keynan^{2,3,4,10}, Zulma Vanessa Rueda^{10,11}, Diana Marin¹¹

¹University of Manitoba College of Medicine, Winnipeg, MB, Canada.

²University of Manitoba Department of Internal Medicine, Winnipeg, MB,

Canada. ³University of Manitoba Department of Community Health Sciences, Winnipeg, MB, Canada. ⁴National Collaborating Centre for

Infectious Diseases, Winnipeg, MB, Canada. ⁵Health Sciences Centre, Winnipeg, MB, Canada. ⁶Manitoba HIV Program, Winnipeg, MB, Canada.

⁷Nine Circles Community Health Centre, Winnipeg, MB, Canada. ⁸University of Manitoba Section of Pediatric Infectious Diseases, Department of

Pediatrics and Child Health, Winnipeg, MB, Canada. ⁹Cadham Provincial

Laboratory, Winnipeg, MB, Canada. ¹⁰University of Manitoba Department of Medical Microbiology and Infectious Diseases, Winnipeg, MB, Canada.

¹¹Universidad Pontificia Bolivariana, Medellin, Colombia

RFC012 - Factors associated with differential vaccine uptake among people with HIV in a geographically defined HIV clinic population

Christopher Wituik¹, M. John Gill^{2,3}, Hartmut Krentz^{2,3}, Jeffrey Bakal⁴, Raynell Lang^{3,5}

¹Cumming School of Medicine, University of Calgary, Calgary, AB, Canada.

²Department of Medicine, University of Calgary, Calgary, AB, Canada.

³Southern Alberta Clinic, Alberta Health Services, Calgary, AB, Canada.

⁴Provincial Research Data Services, Alberta Health Services, Edmonton, AB, Canada. ⁵Department of Medicine and Community Health Sciences,

University of Calgary, Calgary, AB, Canada

THURSDAY MAY 1

11:40 – 12:40 RAPID FIRE PRESENTATIONS D (RFD001 – RFD012)

Glen 208/209 – CTCC South Building

RFD001 - Development of a Canadian consensus protocol to evaluate appropriateness of antimicrobial prescribing in hospitals for local quality improvement and national benchmarking: getting the best of both worlds through an implementation science framework

Miranda So^{1,2,3}, Deborah Somanader⁴, Sarah Tosoni¹, Shaghig Reynolds⁵, Aboubakar Mouchili⁵

¹University Health Network, Toronto, ON, Canada. ²Leslie Dan Faculty of Pharmacy, University of Toronto, Toronto, ON, Canada. ³Division of Infectious Diseases, Faculty of Medicine, Dentistry and Health Sciences, University of Melbourne, Melbourne, Victoria, Australia. ⁴Sinai Health, Toronto, ON, Canada. ⁵Public Health Agency of Canada, Ottawa, ON, Canada

RFD002 - Healthcare Resource Utilization and Cost Burden of COVID-19 Cases in Ontario, Canada

Chloe R McDonald¹, Nassim Ait Yahia¹, Irene Wang², Natalie Nightingale², Calum Neish², Ana Gabriela Grajales¹

¹Pfizer Canada, ON, Canada. ²IQVIA, ON, Canada

RFD003 - Detection of viral and bacterial pathogens in suspected ocular infections using untargeted metagenomics sequencing

K Dimitri Kits¹, Mariana Abdulnoor^{1,2}, Karel Boissinot¹, Jessica D Forbes³, Jared Simpson^{2,4}, Kevin Gough^{1,2}, David T Wong^{1,2}, Ramzi Fattouh^{1,2}

¹St. Michael's Hospital, Unity Health Toronto, Toronto, ON, Canada.

²University of Toronto, Toronto, ON, Canada. ³Eastern Ontario Regional Laboratory Association, Ottawa, ON, Canada. ⁴Ontario Institute for Cancer Research, Toronto, ON, Canada

RFD004 - Development of a HSV1/2, VZV, and Syphilis lesion

assay in Manitoba, Canada.

Adam Hedley¹, Jared Bullard¹, Paul Van Caesele¹, Souradet Shaw², Raymond Tsang³, David Alexander¹, Kerry Dust¹, Derek Stein^{1,2}

¹Cadham Provincial Laboratory, Winnipeg, MB, Canada. ²University of Manitoba, Winnipeg, MB, Canada. ³Public Health Agency of Canada, Winnipeg, MB, Canada

RFD005 - A real-time PCR for hypervirulent *Streptococcus pyogenes* strain M1UK in isolates and throat swabs

Zach Robar¹, Gregory R McCracken², Allana Loder³, Janice Pettipas⁴, Elizabeth Simms^{2,4}, Daniel Gaston^{1,2}, Averil Griffith³, Alyssa R Golden³, Irene Martin³, Ross Davidson^{2,1}, Jason J LeBlanc^{1,2}

¹Dalhousie University, Halifax, NS, Canada. ²Department of Pathology and Laboratory Medicine, Nova Scotia Health (NSH), Halifax, NS, Canada. ³National Microbiology Laboratory (NML), Public Health Agency of Canada (PHAC), Winnipeg, MB, Canada. ⁴Nova Scotia Provincial Public Health Laboratory Network (PPHLN), Halifax, NS, Canada

RFD006 - Review of diphtheria anti-toxin serology utilization in a Canadian province (2023-2024)

Jamil N Kanji^{1,2,3,4}, Nathan Zelyas^{4,5}, Hong Y Zhou^{1,3,4}, Karla Gustafson⁶, Gregory J Tyrrell^{5,7}

¹Public Health Laboratory, Alberta Precision Laboratories, Calgary, AB, Canada. ²Division of Infectious Diseases, Department of Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada. ³Department of Pathology and Laboratory Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada. ⁴Department of Laboratory Medicine and Pathology, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada. ⁵Public Health Laboratory, Alberta Precision Laboratories, Edmonton, AB, Canada. ⁶Department of Medicine, Cumming School of Medicine, University of Calgary, Calgary, AB, Canada. ⁷Division of Diagnostic and Applied Microbiology, Department of Laboratory Medicine and Pathology, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, Canada

RFD007 - Creutzfeldt-Jakob disease Testing at the National Microbiology Laboratory, 2016-2024

Stephanie Anne Booth, Ben Bailey-Elkin, Jessy Slota

National Microbiology Laboratory, Winnipeg, MB, Canada

RFD008 - Rapid Patient Contact Tracing following a Large Measles Exposure Event Using an Electronic Medical Record System

Jennifer Happe, Joseph Vayalumkal, Jessica Dunn, Nadia Nazarali

Alberta Children's Hospital, Calgary, AB, Canada

RFD009 - A comparative evaluation of the ID Biotyper as a tool for determining relatedness clinical isolates

Rachel Donkersteeg¹, Jessica D Forbes^{1,2,3}, Nadia P Sant^{1,2,3}, Julianne V Kus^{4,5}, Antoine Corbeil^{4,5}, Marc Desjardins^{1,2,3}

¹The Ottawa Hospital Research Institute, Ottawa, ON, Canada. ²Division of Microbiology, The Ottawa Hospital, Ottawa, ON, Canada. ³Department of Pathology and Laboratory Medicine, University of Ottawa, Ottawa, ON, Canada. ⁴Public Health Ontario, Toronto, ON, Canada. ⁵Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada

RFD010 - Antibiotic therapy for diabetic foot infections: a systematic review and network meta-analysis

Carson KL Lo¹, Calvin KF Lo², Jessica Bartoszko³, Dominik Mertz^{1,3}, Mark Loeb^{3,4}

¹Division of Infectious Diseases, Department of Medicine, McMaster University, Hamilton, ON, Canada. ²Department of Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC, Canada. ³Department of Health Research Methods, Evidence and Impact, McMaster University, Hamilton, ON, Canada. ⁴Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada

RFD011 - Estimates and projections of susceptibility to polio among the childhood population in British Columbia, Alberta and Ontario

Clarence C Tam¹, Gwen Eagle²

¹Public Health Agency of Canada, Edmonton, AB, Canada. ²University of Toronto, Toronto, ON, Canada

RFD012 - Examination of remdesivir utilization and appropriateness in COVID-19 patients in acute care: A multi-centre, interrupted time series analysis of standard of care versus drug conservation efforts versus drug conservation efforts plus antimicrobial stewardship intervention

Justin Chen¹, Jackson J Stewart², Tony Nickonchuk², Samuel Harder¹, Danielle Schwartz¹, Sa'adiya Umar¹, Sivanthini Palanivetrpillai¹, Susan Fryters², Teagan Zeggil², Cecilia Lau², Stephanie W Smith¹, Aruma U Chandran², Holly L Hoang¹

¹University of Alberta, Edmonton, AB, Canada. ²Alberta Health Services, Edmonton, AB, Canada

Case Report Posters

(CRP001 – CRP032)

FRIDAY, MAY 2

12:15 – 12:45 PRESENTERS AT POSTERS TO ANSWER QUESTIONS

Exhibition Hall CDX – CTC
(2nd floor – North Bldg)

CRP001

A DIAGNOSTIC VORTEX: ORBITAL VERTEX SYNDROME SECONDARY TO PSEUDOMONAS AERUGINOSA

Arunima S Dalai, Jorge Martinez-Cajas

Queen's University, Kingston, ON, Canada

CRP002 WITHDRAWN

CRP003

A CASE OF PULMONARY TULAREMIA FROM A RURAL CANADIAN MINK FARM

Nessika Filersen, Christie Costello, Joanna Joyce

Memorial University, St John's, NL, Canada

CRP004

DRUG RESISTANT TUBERCULOUS MENINGITIS (DR-TBM) IN LOW INCIDENCE SETTING: TWO CASES AND EVIDENCE REVIEW HIGHLIGHTING KEY ADVANCES AND KNOWLEDGE GAPS IN CLINICAL MANAGEMENT

Karol F Boschung¹, Patrick Ho Pun Wong^{1,2}, Denise Werry³, Inna Sekirov⁴, Shannon Turvey^{1,5}, Victoria J Cook^{1,5}, James Johnston^{1,5}, William Connors^{1,5}

¹Department of Medicine, University of British Columbia, Vancouver, BC, Canada ²Division of Infectious Diseases, Surrey Memorial Hospital, Surrey, BC, Canada ³Clinical Pharmacy Specialist-Infectious Diseases, Surrey Memorial Hospital, Surrey, BC, Canada ⁴BCCDC Public Health Laboratory, BC Centre for Disease Control, Vancouver, BC, Canada ⁵Tuberculosis Services, BC Centre for Disease Control, Vancouver, BC, Canada

CRP005

A RARE PRESENTATION OF *LISTERIA MONOCYTOGENES*: WRIST SEPTIC ARTHRITIS LEADING TO MENINGOENCEPHALITIS

Souhir Hendis¹, Jean-Bernard Breau²

¹University of Montreal, Montreal, QC, Canada ²Montreal Sacre Coeur Hospital, Department of critical care, Montreal, QC, Canada

CRP006

FORWARD TRANSMISSION OF A *BRUCELLA MELITENSIS* LABORATORY ACQUIRED INFECTION WITHIN A LARGE CANADIAN HOSPITAL SYSTEM

Jonathan D Cook¹, Manija Rahimi², Kawshiya Sooriyakumaran², Tanvir Pathan², Robert A Kozak^{1,2,3}, Xena X Li^{2,4}, Kevin Katz^{1,2,3,4}, Christie Vermeiren^{1,2}

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

CRP007

CASE SERIES OF AUTOCHTHONOUS ASCARIASIS IN MANITOBA, CANADA

Curtis Quan¹, Derek Stein^{2,3}, Chris I Graham³, Paul Van Caesele^{3,4}, Guillaume Poliquin⁴

¹Division of Infectious Diseases, Department of Medicine, University of Manitoba, Winnipeg, MB, Canada ²Department of Medical Microbiology and Infectious Diseases, University of Manitoba, Winnipeg, MB, Canada ³Cadham Provincial Laboratory, Shared Health, Winnipeg, MB, Canada ⁴Department of Pediatrics & Child Health, University of Manitoba, Winnipeg, MB, Canada

CRP008

MYCOPLASMA HOMINIS MENINGITIS IN A NEONATE: MANAGING IN THE DARK

Kristal Cerga¹, Marissa L Ledger², Sarah Khan¹, Jaqueline Wong¹, Brian Hummel¹

¹Department of Pediatrics, McMaster University, Hamilton, ON, Canada ²Department of Pathology and Molecular Medicine, McMaster University, Hamilton, ON, Canada

CRP009

FIRST PUBLISHED USE OF BACTERIOPHAGE THERAPY FOR A PROSTHETIC JOINT INFECTION IN CANADA

Benson Weyant¹, Charlotte Rosen¹, Nancy Tawil², Teresa Nguyen³, Stephen Hunt³, Greg J German^{4,5}, Gina A Suh⁶, Stephen D Vaughan¹

¹Division of Infectious Diseases, Department of Medicine, University of Calgary, Calgary, AB, Canada ²Queen Biotechnologies, Gatineau, QC, Canada ³Section of Orthopaedic Surgery, Department of Surgery, University of Calgary, Calgary, AB, Canada ⁴Department of Laboratory Medicine and Pathobiology, University of Toronto, Toronto, ON, Canada ⁵St Joseph's Health Centre, Unity Health Toronto, Toronto, ON, Canada ⁶Division of Public Health, Infectious Diseases and Occupational Medicine, Mayo Clinic, Rochester, MN, USA

CRP010

FUMING AT A COMPLEX FINDING: A CASE REPORT OF ASPERGILLUS FUMIGATUS COMPLEX BRAIN ABSCESS IN PREVIOUSLY HEALTHY PATIENT ADMITTED WITH ACUTE LIVER FAILURE

Arunima S Dalai, Kit Birkness, Jorge Martinez-Cajas

Queens University, Kingston, ON, Canada

CRP011

TWO CASES OF ACQUIRED HEPATITIS B INFECTION WITHOUT HEPATITIS B CORE ANTIBODY SEROPOSITIVITY: A DRIVER FOR CHANGE IN LOCAL LABORATORY PROCESSES

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Zautner, Andreas E	P081
Zeggil, Teagan	P003, RFD012
Zelyas, Nathan	P078, P119, RFA012, RFD006
Zeppa, Joseph J	A04, CRP019
Zettl, Mary	B03
Zhanel, George G	A03, P022, P024, P025, P026, P027, P122
Zhang, Annabelle	P053, P095
Zhang, Minlu	P072
Zhang, Yongxiang	P076
Zhou, Hong Y	RFD006
Zhou, Hong Yuan	CRP011, P119, P135, RFA012
Zhu, Andy	P046
Zhu, Antonia	CRP031
Ziegler, Jennifer	P041
Zou, Jason	RFA002
Zuniga Chacon, Cristina	D01
Zwarenstein, Merrick	P013
Émond, Yannick	P008

*if no program code was given for a submission then this will show the submission serial number



AMMI Canada - CACMID
Annual Conference 2026
Conférence Annuelle

Save the Date
April 29th to May 1st 2026

**St. John's Convention Centre
and Delta St. John's**

Unaccredited Learning Activites



You and Dr. Seymour Bugs have just enjoyed a trip-of-a-lifetime to Gitega – but trouble is in the air.

Mid-flight, Dr. Bugs develops a sudden fever. The plane is rerouted to a quarantine centre under suspicion of Ebola. With just **35 minutes left in the air**, can you crack the clues, uncover the true cause of his illness, and clear his name before panic spreads?

The world is watching. The pressure is on.

STEP INTO THE ROOM AND TAKE ON THE MISSION. YOU HAVE 35 MINUTES.

Do you have what it takes to escape in time?

Put together a team of 4–6 participants, come up with a team name, and sign up at the registration desk!

Flying solo? No problem.

We have spots available for individuals who want to participate but don't have a team—just head to the registration desk and we will find you a team!

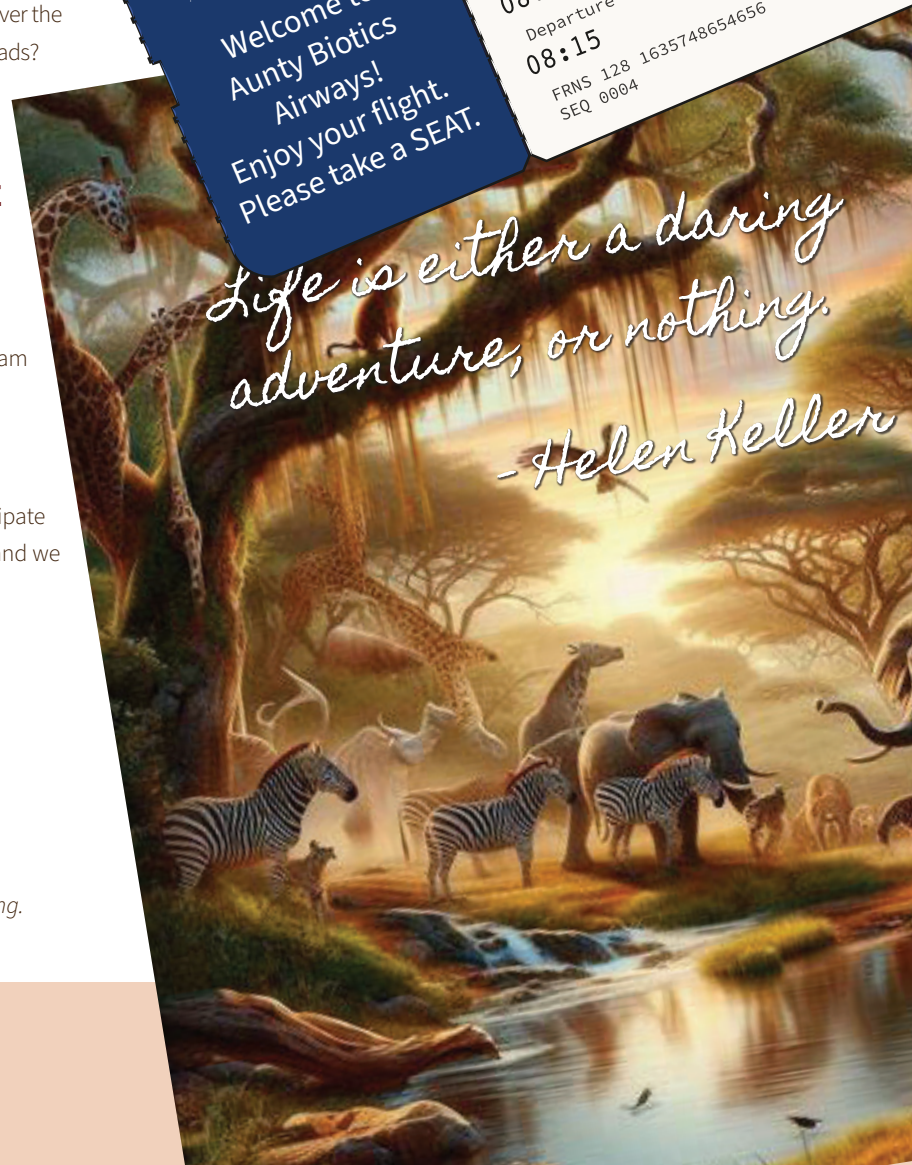
Location: Calgary Telus Convention Centre

Room: Colab (North Building Main Floor)

***Schedule:** (sign up at registration desk):

- Tuesday April 29, 08:00 – 12:00
- Wednesday April 30, 08:00 – 19:00
- Thursday May 1, 08:00 – 18:00
- Friday May 2, 08:00 – 15:00

***N.B.:** The last entry each day will be one hour before closing.





AMMI Canada – CACMID
Annual Conference
APRIL 30 - MAY 1, 2025



INVITATION

BD COR™ System Live Demonstration

LOCATION

BD Innovation Lounge B

The BD Team is excited to invite you to a live demonstration of BD COR™ System at AMMI Canada – CACMID Annual Conference 2025.

Join us on April 30 and May 1, 2025, at our booth to experience firsthand what we envision as the future of automation. Discover how the BD COR™ System is designed to meet your evolving molecular laboratory needs.

Register now by clicking on this link.

We look forward to seeing you at AMMI Canada – CACMID Annual Conference 2025!

BD COR™ Demonstration Schedule

Day 1 - 30 April 2025

English - 11AM - 11:45AM

English - 12Noon - 12:45AM

French - 13:15PM - 14:00PM

English - 15:30PM - 16:15PM

Day 2 - 1 May 2025

French - 11:30AM - 12:15AM

English - 12:30AM - 1:15PM

English - 1:45PM - 2:30PM



BIOMÉRIEUX SPEAKER SERIES



ROLE OF RAPID DIAGNOSTICS IN SEPSIS MANAGEMENT AND AMR PREVENTION

Sepsis management is challenging, involving a time sensitive clinical diagnosis, which is complicated by antimicrobial resistance (AMR). This presentation will summarize evidence demonstrating how rapid diagnostics, paired with antimicrobial stewardship interventions, can improve outcomes for sepsis patients.



SPEAKER
Katarzyna (Kasia) Wojcick, PhD, PMP
Sr. Medical Science Liaison
bioMérieux



- **Wednesday, April 30:** 10:30-11:00 and 12:00-12:30
- **Thursday, May 1:** 10:00-10:30



- Exhibit Hall - Innovation Lounge C

SYNDROMIC MOLECULAR TESTING FOR RESPIRATORY INFECTIONS AT THE POINT-OF-CARE

This presentation is focused on real-world evidence from the implementation of POC respiratory infection testing in both non-laboratory hospital settings and the community.



SPEAKER
Patrick O'Neill
Medical Science Liaison
bioMérieux



- **Wednesday, April 30:** 13:30-14:00
- **Thursday, May 1:** 12:30-13:00 and 13:30-14:00



- Exhibit Hall - Innovation Lounge C



SPEAKER
Julie Perron, B. Pharm. MSc.
Pharmacist
Sr. Medical Science Liaison, Lumed
bioMérieux



- **Wednesday, April 30:** 11:30-12:00 and 15:10-15:30
- **Thursday, May 1:** 13:00-13:30 and 14:00-14:30



- Exhibit Hall - Innovation Lounge C



Hologic Speaker Series

Innovation Lounge D — Exhibit Hall

HOLOGIC®

Wednesday, April 30th

12:30PM – 12:50PM

Raising the standard of care in Alberta with vaginitis NAAT testing



Dr. Julie Carson
Medical Microbiologist,
Alberta Precision Laboratories,
Calgary

1:00 PM – 1:20 PM

Combating the rise in *Neisseria gonorrhoeae* resistance



Dr. Damon Getman
Scientific Director,
Hologic, San Diego

1:30 PM – 1:50 PM

Raising the standard of care in Alberta with vaginitis NAAT testing



Dr. Julie Carson
Medical Microbiologist,
Alberta Precision Laboratories,
Calgary

Thursday, May 1st

1:00 PM – 1:20 PM

Innovations in home collection for STI testing



Dr. Stacy G. Beal
Medical Director,
LetsGetChecked, Gainesville

1:30 PM – 1:50 PM

Combating the rise in *Neisseria gonorrhoeae* resistance



Dr. Damon Getman
Scientific Director,
Hologic, San Diego

2:00 PM – 2:20 PM

Innovations in home collection for STI testing



Dr. Stacy G. Beal
Medical Director,
LetsGetChecked, Gainesville

STI Awareness MONTH



Join us at the Roche Innovation Lounge for a brief talk series on the latest innovations!

Revolutionizing Molecular Testing with New TAGS Technology (10min)

Discover this breakthrough in molecular testing technology, expanding possibilities and pushing the boundaries of flexible multiplexing.



Wednesday, April 30th: 3 p.m.
Thursday, May 1st: 1 p.m.



Speaker:
Steven Van Konyenburg, Marketing Specialist,
Molecular Diagnostics, Roche Canada

Maximizing Efficiency: Seamless Automation with Open Channel Flexibility (10min)

Expand the possibilities of your fully automated cobas® 5800/6800/8800 by using the cobas® omni utility channel.



Wednesday, April 30th: noon
Thursday, May 1st: 11:00 a.m.



Speaker:
Fiona Tsoi, Field Applications Specialist,
Molecular Diagnostics, Roche Canada

Transforming Molecular lab with The TIB Molbiol Revolution (10min)

Learn more about the power of TIB Molbiol, which is transforming testing by delivering quickly single or multiple assays for the Roche PCR Ecosystem solutions.



Wednesday, April 30th: 12:30 p.m.
Thursday, May 1st: 11:30 a.m.



Speaker:
Marco Kaiser, Head of Early Development and
Innovation TIB Mol Biol, Roche Global

Elevate Your Lab Experience: Integrated Solutions for Molecular and Core Laboratories (10min)

Explore the power of Roche's innovations beyond Molecular Diagnostics



Wednesday, April 30th: 3:20 p.m.
Thursday, May 1st: 1:30 p.m.



Speaker:
Nadege Lory, Marketing Strategist,
Molecular Diagnostics, Roche Canada

If you miss any of the scheduled talks,
feel free to visit our Roche Innovation Lounge to discuss them.
Our experts will be happy to answer you.

Copan's

LATEST INNOVATIONS

*in Specimen Collection,
Laboratory Automation, and AI.*

JOIN US FOR AN EXCLUSIVE DINNER EVENT & EVENING OF LEARNING

Thursday, May 1, 2025

We are thrilled to extend our warmest invitation to you for an exclusive dinner event during the AMMI Canada – CACMID Annual Conference.

The evening will include a discussion on the new innovations for specimen collection and transport devices as well as laboratory automation and artificial-intelligence programs from Copan Diagnostics, Inc.

As we are experiencing a widespread decline of trained personnel in the laboratory, microbiology laboratories are experiencing substantial increases in specimen volume. During this program, Copan will present the latest innovations for specimen testing including new, easy-to-use, collection and transportation devices, new uses for our gold-standard collection products, as well as new and exciting features of our laboratory automation and artificial intelligence.

Speakers:



Dr. Susan Sharp
PhD, (D)ABMM, FAAM
Chief Scientific Director, Copan Diagnostics



Dr. Lee Goneau
PhD, FCCM
National Director of Microbiology, Dynacare



Dr. Ross J. Davidson
PhD, FCCM, (D)ABMM
Medical Director, Bacteriology at Nova Scotia Health
Authority, Queen Elizabeth II HSC, Halifax, Canada

DATE:
May 1, 2025

TIME:
5:30pm to 9:30pm

LOCATION:
Calgary Marriott
Downtown -
Sunalta ABC

*We look forward to
hosting you.*

**SEATING IS
LIMITED.**

RSVP NOW

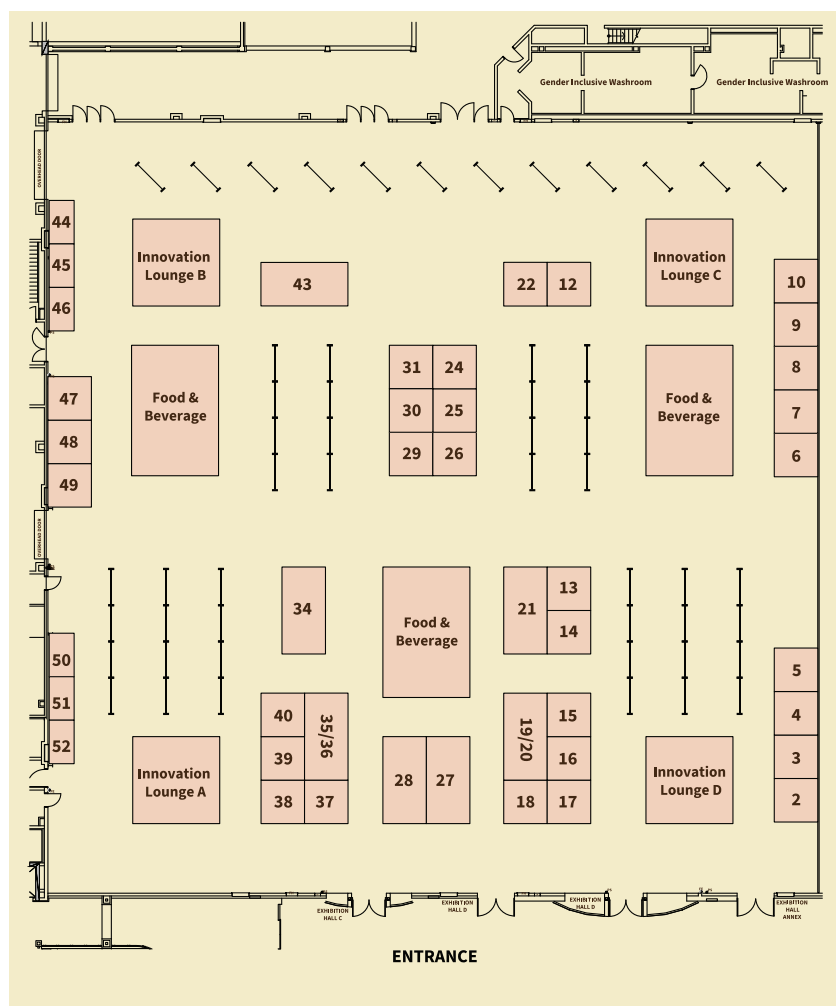


AMMI Canada – CACMID
Annual Conference

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* floor plan is not to scale



Exhibitor Directory

ABBOTT

BOOTH # 19/20



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 CANADA

BOOTH # 50



altona Diagnostics is a Hamburg-based diagnostic company that manufactures in vitro diagnostic tests for the PCR-based detection of pathogens.

Website: altona-diagnostics.com

LinkedIn: linkedin.com/company/altona-diagnostics/

XING: xing.com/pages/altonadiagnosticsgmbh

ANAEROBE SYSTEMS

BOOTH # 26



Manufacturer of Pre-Reduced Anaerobically Sterilized (PRAS) culture and transport media. Manufacture and design capability to produce custom media formulations. Products ready to use with no need to pre-reduce plates. Manufacturer and distributor of anaerobic chambers in various sizes. Three-day lab-based training course on anaerobic culture and isolation techniques conducted four times per year.

Website: anaerobesystems.com

ASTRAZENECA



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

AVIR PHARMA



BOOTH # 9

AVIR Pharma's mission is to bring to market vital specialty medicines in the field of infectious diseases primarily, like Cresemba® (isavuconazole) and Zevtera® (ceftobiprole medocartil) that answer the unmet medical needs of Canadian patients. Making a difference in people's lives is central to our corporate philosophy and is at the root of why we advocate, care, partner, and innovate.

Website: avirpharma.com

LinkedIn: linkedin.com/company/avirpharmainc/

BD (BECTON, DICKINSON AND COMPANY)

INNOVATION LOUNGE B



BD is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics, and the delivery of care. BD develops innovative technology, services, and solutions that help advance both clinical therapy for patients and clinical process for healthcare providers.

Website: bd.com/en-ca

Facebook: facebook.com/BectonDickinsonandCo

Instagram: instagram.com/becton_dickinson/

LinkedIn: linkedin.com/showcase/bd-canada/

X (formerly Twitter): x.com/BDandCo

BIO-RAD LABORATORIES

BOOTH # 49



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

BIOLYTICAL LABORATORIES INC.

BOOTH # 13



bioLytical Laboratories is a global leader in rapid tests. Our one-minute INSTI® tests provide fast, accurate results for HIV, Syphilis, and HCV. With iStat®[®], we expanded access to reliable testing everywhere. Together, INSTI® and iStat® break barriers to ensure everyone has access to our tests to learn their status, faster.

Website: biolytical.com

Facebook: facebook.com/insti.rapidtests

LinkedIn: linkedin.com/company/biolytical-laboratories/

X (formerly Twitter): x.com/INSTI

BIOMÉRIEUX

INNOVATION LOUNGE C



BIOMÉRIEUX focuses on improving public health since 1963 by tackling infectious diseases and antimicrobial resistance. Our work involves pioneering diagnostic solutions, promoting innovation, environmental responsibility, and ethical healthcare collaboration. We are bioMérieux. We act for a positive impact. We act for a healthier world.

Website: biomerieux.com

LinkedIn: linkedin.com/showcase/biomerieux-clinical-diagnostics/

BND INC.

BOOTH # 7



Bio Nuclear Diagnostics Inc. (BND Inc.) is a Canadian medical devices distribution company. We provide coast to coast marketing and sales of laboratory consumables, infection control, personal protection equipment, and technologically advanced diagnostic testing assays to healthcare providers across Canada.

Website: bndinc.com

Facebook: facebook.com/bndinc1/

Instagram: instagram.com/bndinc/

LinkedIn: linkedin.com/company/bndinc/

BRUKER

BOOTH # 43



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

Facebook: facebook.com/bruker.corp

Instagram: instagram.com/bruker.corp

LinkedIn: linkedin.com/company/bruker-microbiology-diagnostics/

YouTube: youtube.com/channel/UCRExIYyszBLIR-ejB3f5rZg

BUGSEQ BIOINFORMATICS

BOOTH # 30
BUGSEQ

BugSeq is leveraging advanced sequencing technologies to revolutionize infectious disease testing and surveillance. BugSeq's analysis suite delivers unparalleled data analytics and industry-leading expertise to convert sequencing data into actionable results. Our platform streamlines the interpretation of complex sequencing data and enhances diagnostic workflows across thousands of laboratories.

Website: bugseq.com

LinkedIn: linkedin.com/company/bugseq

X (formerly Twitter): x.com/bugseq

Bluesky: bsky.app/profile/bugseq.com

CANADIAN ASSOCIATION FOR BIOLOGICAL SAFETY | L'ASSOCIATION CANADIENNE POUR LA SÉCURITÉ BIOLOGIQUE

BOOTH # 52


The Canadian Association for Biological Safety/L'Association canadienne pour la sécurité biologique (CABS-ACSB) was formed in the 1990s. CABS-ACSB is a network of individuals interested in a wide variety of biosafety/biosecurity issues.

Website: cabs-acsb.ca

Facebook: facebook.com/cabsacsb/

Instagram: instagram.com/cabsacsb/

LinkedIn: linkedin.com/in/cabsacsb/

X (formerly Twitter): x.com/cabsacsb

CANADIAN FOUNDATION FOR INFECTIOUS DISEASES

BOOTH # 4


The Canadian Foundation for Infectious Diseases is a charitable organization committed to improving the health of Canadians and people worldwide.

Website: researchid.com

CEDARLANE

BOOTH # 29


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, ELISA kits and Antisera for bacterial serotyping.

Website: cedarlanelabs.com

LinkedIn: ca.linkedin.com/company/cedarlane

CEPHEID CANADA

BOOTH # 47


Cepheid is a leading molecular diagnostics company specializing in innovative, rapid testing solutions for infectious diseases and genetic conditions. Their proprietary GeneXpert technology enables accurate, real-time PCR testing, providing healthcare professionals with timely results. This enhances patient care by facilitating early diagnosis and treatment, particularly in critical healthcare settings.

Website: cepheid.com

LinkedIn: linkedin.com/company/cepheid

COPAN DIAGNOSTICS, INC.

BOOTH # 37



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

Facebook: facebook.com/copanusa

Instagram: instagram.com/copan_usa

LinkedIn: linkedin.com/company/copan-group/

DALYNN BIOLOGICALS INC.

BOOTH # 5



Dalynn Biologicals is a 100% owned and operated Canadian company. We are proud of our Canadian heritage, and have been supplying clinical, industrial, environmental, veterinary, and institutional labs with culture media and microbiological supplies since 1985. If you don't see it in our catalogue please ask, we can custom formulate any product you don't see in our catalogue.

Website: dalynn.com

DIASORIN

BOOTH # 31



DIASORIN, THE DIAGNOSTIC SPECIALIST

We are a global leader in the laboratory diagnostics market, specializing in immuno and molecular diagnostics segments. For over 50 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: int.diasorin.com/en

LinkedIn: linkedin.com/company/diasorin/

EUROIMMUN MEDICAL DIAGNOSTICS INC.

BOOTH # 25

EUROIMMUN 

Website: euroimmun.com

FERRING CANADA

BOOTH # 14



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

Facebook: facebook.com/ferringpharmaceuticals

Instagram: instagram.com/ferringpharmaceuticals

LinkedIn: linkedin.com/company/ferring-pharmaceuticals

GSK

BOOTH # 34



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

Facebook: facebook.com/GSK

Instagram: instagram.com/gsk

LinkedIn: linkedin.com/company/glaxosmithkline

HOLOGIC CANADA LIMITED

INNOVATION LOUNGE D

HOLOGIC®

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/en-ca

ILLUMINA, INC.

BOOTH # 17

illumina®

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

Facebook: facebook.com/illuminainc

Instagram: instagram.com/illuminainc

LinkedIn: linkedin.com/company/illumina

X (formerly Twitter): x.com/illumina

YouTube: youtube.com/@illuminainc

INNOVATEK MEDICAL

BOOTH # 40

INNOVATEK
Innovatek Medical Inc.

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

INTER MEDICO

BOOTH # 8

INTER MEDICO

Inter Medico is a Canadian distributor, offering the QIAGEN QuantIFERON Latent TB assay, QIAstat-Dx Rapid Syndromic PCR solution, and MedicoDx Strep Grouping Kit.

Website: inter-medico.com

Facebook: facebook.com/people/Inter-Medico/100077271206812

LinkedIn: linkedin.com/company/intermedico

MERCK CANADA

BOOTH # 28

MERCK

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 and connect with us on LinkedIn @Merck-Canada.

Website: merck.ca/en/

LinkedIn: linkedin.com/company/merck-canada/

METASYSTEMS GROUP, INC.

BOOTH # 10



The cornerstone of our business mission is the automation of microscopy for healthcare and biotechnology - a commitment since 1986. With a global presence, our customers can be found in institutes, hospitals, and universities across more than 100 countries.

Website: metasystems-international.com

MICRONOSTYX

BOOTH # 35/36



Miconostyx is a leading Canadian supplier of microbiology laboratory and specialty diagnostic products. Miconostyx provides 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: miconostyx.com

Facebook: facebook.com/people/Miconostyx/61562695393493

Instagram: instagram.com/miconostyx

LinkedIn: linkedin.com/company/miconostyx

OXFORD NANOPORE TECHNOLOGIES

BOOTH # 22



Oxford Nanopore Technologies' goal is to enable the analysis of anything, by anyone, anywhere. Oxford Nanopore sequencing offers comprehensive, real-time insights into the genomics of infectious diseases, from pathogen identification and AMR profiling to the assembly of high-quality genomes and variant identification.

Website: nanoporetech.com

Facebook: facebook.com/oxford-nanopore-technologies/

Instagram: instagram.com/oxfordnanopore

LinkedIn: linkedin.com/company/oxford-nanopore-technologies

X (formerly Twitter): x.com/nanopore

YouTube: www.youtube.com/channel/uc5ymlyjhsgffz37lyq-dzig

PALADIN PHARMA INC.

BOOTH # 21



Paladin Pharma Inc., headquartered in Montreal, Canada, is a specialty pharmaceutical company focused on acquiring or in-licensing innovative pharmaceutical products for the Canadian market. Paladin has a focused marketing and sales organization that has helped it evolve into one of Canada's leading specialty pharmaceutical companies.

Website: paladin-pharma.com

LinkedIn: linkedin.com/company/paladin-pharma

PFIZER CANADA

BOOTH # 18



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

Facebook: facebook.com/pfizer.canada/

Instagram: instagram.com/pfizercanada/

LinkedIn: ca.linkedin.com/company/pfizer

YouTube: youtube.com/@pfizercanada

PFIZER CANADA MEDICAL AFFAIRS

BOOTH # 2



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

Facebook: facebook.com/pfizercanada/

Instagram: instagram.com/pfizercanada/

LinkedIn: linkedin.com/company/pfizer

X (formerly Twitter): x.com/pfizerca

PRO-LAB DIAGNOSTICS INC.

BOOTH # 48



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.

Facebook: facebook.com/prolabdiag

LinkedIn: linkedin.com/company/pro-lab-diagnostics

X (formerly Twitter): x.com/prolabdiagCA

PUBLIC HEALTH AGENCY OF CANADA – CENTRE FOR BIOSECURITY | L'AGENCE DE LA SANTÉ PUBLIQUE DU CANADA – CENTRE DE LA BIOSÛRETÉ

BOOTH # 44



The Centre for Biosecurity promotes compliance with regulatory requirements related to pathogens and toxins.

Le Centre de la biosûreté favorise la conformité aux exigences réglementaires relatives aux agents pathogènes et aux toxines.

Website: canada.ca/en/services/health/biosafety-biosecurity.html

site web: canada.ca/fr/services/sante/biosecurite-et-biosurete.html

QIAGEN INC.

BOOTH # 3



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. We make improvements in life possible. Discover more at <http://www.qiagen.com>.

Website: qiagen.com

Facebook: facebook.com/QIAGEN

Instagram: instagram.com/qiagen/

LinkedIn: linkedin.com/company/qiagen/

X (formerly Twitter): x.com/QIAGEN

YouTube: youtube.com/user/QIAGENvideos

R-BIOPHARM CANADA

BOOTH # 16



R-Biopharm offers IVD test systems for identifying antigens and antibodies of infectious diseases, as well as test systems for molecular diagnostics. To serve modern laboratory requirements, R-Biopharm has lately expanded its existing molecular diagnostics portfolio with a comprehensive test range in the field of syndromic diagnostics, including point-of-care solutions.

Website: r-biopharm.com

LinkedIn: linkedin.com/company/r-biopharm-ag

RANDOX LABORATORIES

BOOTH # 45



For 40 years, Randox Laboratories has developed expertise in molecular diagnostics with testing capabilities including diagnostic platforms, Qnostics' molecular IQC, and world-leading molecular EQA: QCMD.

Website: randox.com

Facebook: facebook.com/randoxofficial

Instagram: instagram.com/randoxofficial

LinkedIn: linkedin.com/company/randox

YouTube: youtube.com/user/randoxlabs

SANOFI

BOOTH # 27



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/en

Facebook: facebook.com/sanofi

Instagram: instagram.com/sanofi

LinkedIn: linkedin.com/company/sanofi

ROCHE DIAGNOSTICS CANADA

INNOVATION LOUNGE A



Patients and science are at the heart of everything we do. With our combined strength in diagnostics and pharmaceuticals, we are advancing healthcare – so that we all have more time with the people we love.

Website: rochecanada.com

LinkedIn: linkedin.com/showcase/roche-canada/posts/?feedview=all

ROCHE DIAGNOSTICS CANADA

BOOTH # 24



A healthier future. It's what drives us to innovate. To continuously advance science and ensure everyone has access to the healthcare they need today and for generations to come. Creating a world where we all have more time with the people we love. That's what makes us Roche.

Website: rochecanada.com

LinkedIn: linkedin.com/showcase/roche-canada

X (formerly Twitter): x.com/rochecanada

SEEGENE CANADA INC.

BOOTH # 46



Seegene Canada provides highly multiplexed PCR reagents and automated platforms for high-volume clinical labs across Canada, specializing in respiratory viruses, GI, dermatophytes, and bacterial vaginosis.

Website: seegene.com

SOMAGEN DIAGNOSTICS

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Somagen Diagnostics is a leader in medical device distribution in Canada, including cellular pathology, cancer monitoring, assisted reproductive technology, chemistry, infectious disease, hematology, and immunology.

Website: somagen.com

LinkedIn: linkedin.com/company/somagen-diagnostics

STARPLEX**BOOTH # 51**

Starplex is dedicated to the development of innovative, premium quality disposables; providing reliable specimen transportation for many facets of the health care industry.

Website: starplexscientific.com

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For over 50 years, Thermo Fisher Scientific™ Microbiology Canada has supplied accurate and reliable culture, identification, and susceptibility materials that you can trust. Our portfolio brands combine a powerful legacy of over 100 years of expertise, and our Canadian prepared media offers a local, reliable, and sustainable supplier partner.

Website: thermofisher.com/microbiology

UNIVERSITY OF TORONTO PRESS**BOOTH # 38**

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Realizing What's Possible. Our team works daily with unwavering conviction to unlock value in healthcare products, partnering with global pharmaceutical leaders to deliver innovative solutions, enhance patient care, support initiatives that improve health, and promote education in the Canadian healthcare community to benefit patients.

Website: veritypharma.com/can/en/homepage

XEDITON PHARMACEUTICALS INC.**BOOTH # 39**

Xediton Pharmaceuticals is a reputable pharmaceutical company with headquarters in Oakville, Ontario. We demonstrate a strong commitment to addressing the needs of physicians, business partners, and patients. Xediton strives to provide effective and safe medications to improve the lives of Canadians while fostering strong partnerships within the healthcare community.

Website: xediton.com

LinkedIn: linkedin.com/company/xediton-pharmaceuticals-inc/

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