



# Vancouver

April 5 – 8, 2022 | 5 au 8 avril 2022

AMMI Canada – CACMID Annual Conference 2022 Conférence annuelle  
Sheraton Vancouver Wall Centre, Vancouver, BC

**Call for Abstracts  
and Case Reports**  
**Appel à communications  
et rapports de cas**

Submission Deadline: January 6, 2022  
Date limite pour vos soumissions: 6 janvier 2022

with a reservation number from the  
Sheraton Vancouver Wall Centre

**REBATE**  
**\$100**  
**RABAIS**

avec le numéro de réservation du  
Sheraton Vancouver Wall Centre

Where Canada's Experts in Clinical Microbiology and Infectious Diseases Meet  
Point de Rencontre des Experts Canadiens en Microbiologie Médicale et Infectiologie

## Welcome

The time has come again for us to invite you to THE Canadian annual meeting in infectious diseases and diagnostic microbiology. Mark your calendars! From April 5 – 8, 2022, the AMMI Canada – CACMID Annual Conference will return in a hybrid format: in-person in Vancouver, BC and online via our virtual platform. With picturesque mountain views and cosmopolitan charm, the seaport city of Vancouver offers world-class experiences for all attendees. We hope that you will join us, whether in the comfort of your own home or office or in Vancouver, for another excellent conference.

The AMMI Canada – CACMID Annual Conference strives to support the collective interests of students, technologists, and professionals in the areas of diagnostic microbiology, antimicrobial stewardship, infectious diseases, infection prevention and control, and public health. Once again, we are inviting you to share your research results with your colleagues and submit an abstract to the 2022 AMMI Canada – CACMID Annual Conference. If you are a student or trainee, this is an excellent forum to build your presentation skills, and there

**Sarah Forgie**  
President, AMMI Canada

are a number of awards available to you. The submission deadline is January 6, 2022.

As usual, the Scientific Planning Committee is working hard to develop a meeting with broad-based appeal. We strive to bring cutting edge topics and engaging high-level speakers to the meeting to ensure excellent scientific discussion. Topics covering COVID-19, Addictions Medicine, Treatment Hot Topics, Aerosol versus Droplet Precautions, and hot topics in diagnostic microbiology, adult and paediatric infectious diseases are being prepared. New to 2022 are our exciting Masterclass sessions on specific niche topics with limited attendee numbers to create a more enriched and personalized learning experience.

AMMI Canada and CACMID have collaborated in hosting a high quality annual meeting for their members since 2005. On behalf of the Central and Scientific Planning Committees, we look forward to hosting you in Vancouver and online for an exceptional educational event with unique opportunities to network and socialize with your colleagues.

**Tanis Dingle**  
President, CACMID

### Central Planning Committee (CPC)

#### Co-Chairs

Tanis Dingle  
Sarah Forgie

#### Scientific Planning Committee Co-Chairs

Rob Kozak  
Susan Poutanen

#### Co-Treasurers

Carmen Charlton  
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#### Sponsorship Committee Co-Chairs

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Shariq Haider

#### Abstract Co-Chairs

Christian Lavallée  
Christopher Lowe

#### Committee Members

Carmen Charlton  
Agatha Jassem  
Todd Hatchette  
Deborah Yamamura

## NEW!

The conference pattern is changing for 2022. Trainees' Day will kick off the programming on Tuesday, with the conference beginning on Wednesday and running through until Friday.

## Bienvenue

Le moment est à nouveau venu de vous inviter à LA rencontre canadienne annuelle sur l'infectiologie et la microbiologie diagnostique. Réservez les dates sur votre calendrier! Du 5 au 8 avril 2022, la conférence annuelle de l'AMMI Canada–CACMID aura de nouveau lieu en format hybride : en personne à Vancouver (C.B.) et en ligne sur notre plateforme virtuelle. Outre son panorama montagneux pittoresque et son charme cosmopolite, la ville portuaire de Vancouver offre des expériences de calibre mondial à tous les participants. Nous espérons que vous joindrez à nous pour une autre excellente conférence, que ce soit installés confortablement chez vous ou au bureau ou à Vancouver.

La conférence annuelle de l'AMMI Canada–CACMID vise à servir les intérêts communs des étudiants, technologues et professionnels des domaines de la microbiologie diagnostique, de la gestion des antimicrobiens, des maladies infectieuses, de la prévention et du contrôle des infections, et de la santé publique. Une fois de plus, nous vous invitons à transmettre vos résultats de recherche à vos collègues en présentant une communication à la conférence de l'AMMI Canada–CACMID de 2022. Si vous êtes étudiant ou stagiaire, la conférence est une excellente tribune pour parfaire vos compétences en présentation, et plusieurs

prix sont à votre portée. La date limite est le 6 janvier 2022.

Comme d'habitude, le Comité de planification scientifique travaille assidûment pour concevoir une rencontre attrayante pour un vaste éventail de gens. Nous nous efforçons d'apporter des sujets de pointe et de retenir des conférenciers de haut niveau pour assurer une excellente discussion scientifique. Les sujets couvrent la COVID-19, la médecine des addictions, des sujets chauds concernant le traitement, les précautions à prendre pour l'aérosol par rapport aux gouttelettes. De plus, des sujets chauds en microbiologie diagnostique, maladies infectieuses chez les adultes et les enfants sont en préparation. Une nouveauté en 2022, nous offrirons des séances passionnantes de Masterclass sur des sujets particuliers. Le nombre de participants sera limité afin d'assurer une expérience d'apprentissage plus enrichissante et personnalisée.

L'AMMI Canada et la CACMID collaborent depuis 2005 pour organiser des rencontres annuelles de grande qualité. Le Comité central et le Comité de planification scientifique se réjouissent de vous recevoir à Vancouver et en ligne pour un événement éducatif exceptionnel au cours duquel vous aurez des occasions uniques de réseauter et de socialiser avec vos collègues.

### Sarah Forgie

Présidente, AMMI Canada

### Tanis Dingle

Présidente, CACMID

## Scientific Planning Committee (SPC)

### Co-Chairs

Rob Kozak  
Susan Poutanen

### Committee Members

Danielle Brabant–Kirwan  
Marthe Charles  
William Connors  
Ramzi Fattouh  
Catherine Hogan  
Jennie Johnstone  
Farhan Khan  
Philippe Lagacé–Wiens  
Christian Lavallée  
Christopher Lowe  
Esther Nagai  
Samir Patel  
David Patrick  
Glenn Patriquin  
Peter Pieroni  
Earl Rubin  
Valentina Russell  
Joanne Salmon  
Yoko Schreiber  
Prameet M. Sheth  
Vanessa Tran

## Sponsorship Committee

### Co-Chairs

Jeff Fuller  
Shariq Haider

### Committee Members

Dwight Ferris  
Don Vinh  
Titus Wong  
Deborah Yamamura

## COVID-19 Health and Safety

The priority of both AMMI Canada and CACMID is to create a safe environment at the annual conference. As the situation surrounding the COVID-19 pandemic is constantly evolving, we will be working in conjunction with the Sheraton Vancouver Wall Centre to monitor the health and safety protocol requirements. We will meet or exceed the standards set by the Sheraton Vancouver Wall Centre, the Health Authority for British Columbia, and the Public Health Agency of Canada (PHAC).

## Objectives

The AMMI Canada – CACMID Annual Conference provides an interactive venue where experts in the fields of diagnostic microbiology, antimicrobial stewardship, infectious diseases, infection prevention and control, and public health meet. The conference attracts attendees from across Canada and internationally. As in previous years, the 2022 conference will provide updates on a variety of relevant topics to a diverse audience of clinicians, microbiologists, laboratory technologists, public health professionals, infection prevention and control practitioners, students, and residents. This year, the conference will be held in Vancouver with options for both in-person and virtual attendance.

In addition to the pre-meeting Trainees' Day, the conference program will offer

plenary sessions, state of the art clinical lectures, integrated symposia, short oral presentations, poster presentations, case report presentations and workshops. The interactive clinical vignettes and the Incubator will be on hiatus in 2022. The 2022 meeting will be a chance for attendees to showcase their research, as well as get up to speed with the latest in the areas of microbiology, infection control, adult and paediatric infectious diseases and related subjects.

In addition to the scientific component, the meeting will provide ample opportunity for attendees to network, exchange ideas, and reconnect with colleagues whether you join us in person in Vancouver or virtually from the comfort of your own home or office!

## 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

Canadian Society of  
Hospital Pharmacists



Société canadienne des  
pharmaciens d'hôpitaux

CSMLS SCSLM

Canadian Society for Medical Laboratory Science  
Société canadienne de science de laboratoire médical

SOCIÉTÉ  
CANADIENNE DE  
THORACOLOGIE



CANADIAN  
THORACIC  
SOCIETY



Critical Care-Infectious  
Diseases Network (CCIDN)

ESCMID  
MANAGING INFECTIONS  
PROMOTING SCIENCE

IDSA  
Infectious Diseases Society of America

ipac pci  
Infection Prevention  
and Control Canada  
Prévention et contrôle  
des infections Canada

PASCV  
PAN AMERICAN  
SOCIETY FOR  
CLINICAL VIROLOGY

Public Health  
Physicians of Canada  
PHPC MSPC  
Médecins de santé  
publique du Canada

SHEA  
The Society for Healthcare  
Epidemiology of America

## Trainees' Day

**Date:** Tuesday, April 5

**Time:** 12:30 – 17:00

**Location:** Sheraton Vancouver  
Wall Centre

**Cost:** Included in full  
conference registration  
**Daily Rate:**  
\$50 plus applicable taxes

Trainees' Day is an afternoon of interactive sessions for trainees in adult and paediatric infectious disease and clinical and medical microbiology, held at the AMMI Canada – CACMID Annual Conference 2022.

Sessions provide a chance to hear from experts in the field about topics outside of the conventional medical curriculum, with a focus on professional development and employment options. It is also a great opportunity to meet peers and future colleagues from around the country. Trainees' Day 2022 will take place in-person and virtually.

**We look forward to seeing you in  
Vancouver, BC.**

## TRAINEES' DAY RECEPTION

**Date:** Tuesday, April 5

**Time:** 17:00 – 18:00

**Location:** Sheraton Vancouver  
Wall Centre

Following Trainees' Day, mingle with fellow trainees, speakers, and the boards of AMMI Canada and CACMID.

## Education Grants

(Applicable for in-person attendance only)

### 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 2022 and pay the full student conference registration fee. One-day registrants are not eligible. New AMMI Canada membership applications are only eligible if approved or in progress (application submitted) prior to the commencement of the conference on April 5, 2022. Each applicant is eligible for only one grant per annual conference.

#### Application

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

- \$250 For Members-in Training from: British Columbia\* and Washington State
- \$500 for Members-in-Training from: Alberta and Saskatchewan
- \$750 for Members-in-Training from: Manitoba, Ontario, Québec, Nova Scotia, PEI, Newfoundland and Labrador, New Brunswick, NWT, Yukon, Nunavut, USA (all other states), and International

#### N.B:

- \* Members-in-Training attending from the city of Vancouver, or the Lower Mainland are ineligible.
- \* Virtual attendees are ineligible.

### CACMID

For Technical Staff and Clinical Microbiology Fellows

#### Eligibility

Applicants must be microbiology laboratory technologists or technicians, or clinical microbiology fellows registered in a Canadian training program, and all must be active members of CACMID. Each applicant is eligible for only one grant per annual conference.

#### Application

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

Grants available are as follows:

- \$250 for Technical staff attending from British Columbia
- \$500 for Technical staff attending from Alberta and Saskatchewan
- \$750 for Technical staff attending from Manitoba, Ontario, and Québec
- \$1,000 for Technical staff attending from New Brunswick, PEI, Nova Scotia, Newfoundland and Labrador, Yukon, NWT, and Nunavut
- Up to \$1,000 for Clinical Microbiology Fellows enrolled in a Canadian training program (itemized receipts must be submitted up to a maximum of \$1,000 for reimbursement)

### 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

Toll-free: 1 (866) 467-1215  
Tel.: (613) 260-3233 ext. 103  
Fax: (613) 260-3235

[membership@ammi.ca](mailto:membership@ammi.ca)

For more information on AMMI Canada visit: [www.ammi.ca](http://www.ammi.ca)

To join CACMID please contact:



**Ramzi Fattouh**  
SECRETARY, CACMID

c/o Laboratory Medicine  
St. Michael's Hospital  
30 Bond St., CC Rm 2-040  
Toronto, ON M5B 1W8

[info@cacmid.ca](mailto:info@cacmid.ca)

For more information on CACMID visit:  
[www.cacmid.ca](http://www.cacmid.ca)

# Abstracts and Case Reports

## Submission and Presentation Instructions

**Submission Deadline: Thursday, January 6, 2022**

You are invited to submit **ABSTRACTS** related to all aspects of clinical microbiology and infectious disease including epidemiological, diagnostic, environmental, medical, and basic sciences. Abstracts related to education in microbiology and infectious disease are also welcome.

You are also invited to submit **CASE REPORTS** of cases that are of interest and relevance to the infectious disease and microbiology community.

### General Information for Abstract and Case Report Submissions

1. All abstracts and case reports must be submitted using the online submission site. Amendments to previous submissions may be made online, up to the submission deadline of **Thursday, January 6, 2022**.
  - o **New users:** Please select [Register a New Account](#) to create your sign in credentials. This is required to make abstracts/case report submissions and amendments.
  - o **Returning users:** Please sign in using your email and password to manage new or existing abstract/case report submissions.
2. You are permitted to submit more than one abstract/case report using the same email address and password for each abstract/case report.
3. Ensure that you have approval from all authors to submit your abstract/case report.
4. Abstracts/case reports that are **NOT** considered eligible for submission include:
  - I. Abstracts/case reports which have already been published in a peer-reviewed journal at the time of the abstract submission deadline (Note: abstracts will still be considered if the abstract/manuscript are in submission but not yet accepted at time of the abstract deadline).
  - II. Abstracts/case reports which have been presented at an international conference previously without any updated or additional data.
5. Authors will be asked to indicate their preferred means of presentation.
  - I. Abstract/case reports accepted for poster presentation will be presented as e-posters in a virtual format available for both in-person and virtual conference attendees. Presenters have the option of attending in-person or virtually.
  - II. The preferred presentation format for oral abstract presentations is in-person. However, consideration will be given based on presenters preferred method of presentation.
  - III. Case reports accepted for oral case report presentation will have the option to present in-person or virtually.
  - IV. If an abstract/case report is submitted to be considered for either an oral OR a poster the Abstract/Case Report Committee reserves the right to select the final presentation format.
6. Accepted e-posters will have the option of presenting either as single page poster with no narration or a narrated PowerPoint.
7. Student/trainee abstracts being submitted for award consideration, if accepted will be required to present as a single page poster with no narration.
8. If you are submitting an abstract for award consideration, you must be a **STUDENT in training** or **have completed your training less than nine (9) months before the annual conference**.
9. Please ensure you review all questions pertaining to the awards competition criteria during the submission process.

- **Only one abstract per student/trainee may be submitted for award consideration. Students are welcome to submit additional abstracts but must select ONE (1) for award consideration at time of submission.**
  - **There are three types of student awards: abstract, poster and oral presentation awards. Please refer to page 12 & 13 for more information and pay close attention during the submission process for submission details.**
10. The Secretariat and the Abstract/Case Report Committee will correspond with the submitting/presenting author(s) as required. The submitting author is the individual who registered and submitted the abstract.
  11. The Abstract/Case Report Committee will schedule all oral abstract presentations. In the event of a scheduling conflict, the presentation can be made by a co-author.
  12. Accepted abstracts and case reports will be published in the Journal of the Association of Medical Microbiology and Infectious Disease Canada ([JAMMI](#)) following the conference and will be made available online through the conference pages of the societies' webpages [www.ammi.ca](http://www.ammi.ca) or [www.cacmid.ca](http://www.cacmid.ca).

### The Submission Process/ Amending a Submission

1. Log into the submission system when your abstract/case report's text is prepared. Log in by entering your email address and the password you chose when you registered with the system.
2. When you click the "Log In" button you will be taken to a screen to create a new abstract/case report submission. Please read the instructions on this screen carefully. If you have already submitted an abstract/case report and you would like to make changes, you can click "Amend A Previous Submission". Corrections to abstracts/case reports can only be made until the submission deadline of **January 6, 2022**.
3. Follow the instructions listed to complete all necessary fields. Some questions are marked with an asterisk (\*), which indicates that a field is

mandatory. We cannot accept your abstract/case report until these questions have been answered. Once you have completed all required fields, click the "Submit" button, which will save your current abstract/case report submission. The page that follows will display the status of your submission – *Complete* or *Incomplete*. N.B.: **ONLY COMPLETE SUBMISSIONS WILL BE CONSIDERED AND PEER REVIEWED.**

4. Upon successful electronic submission of your abstract/case report, you will receive a confirmation by email with your abstract/case report's reference code and a PDF preview of your submission.

### Acknowledgement

1. Abstract/case reports will be subject to peer review by at least two (2) members of the Abstract/Case Report Committee. Submitting authors will be notified of abstract/case report case report acceptance/rejection, presentation date and time and format of presentation on or around **Tuesday, February 8, 2022**.
2. The presenting author must be registered for the conference by **Tuesday, March 8, 2022**. If registration is not completed by this date, the abstract/case report will be removed and will not be published.
3. If an abstract/case report is to be withdrawn, the AMMI Canada – CACMID Conference Secretariat must be advised in writing by email and sent to [meetings@ammi.ca](mailto:meetings@ammi.ca) by **Tuesday, March 8, 2022**. **Important:** Canceling your conference registration **WILL NOT** automatically withdraw your abstract/case report.
4. If an abstract/case report is accepted, an author must attend the conference either in-person or virtually. If a presenting author withdraws an abstract/case report after **Tuesday, March 8, 2022**, or does not attend the session for which they have been scheduled, the author will be prohibited from presenting abstract/case reports at the AMMI Canada – CACMID Annual Conference for a period of three (3) years. Those subject to this penalty will be informed in writing.

5. If you have difficulties submitting your abstract/case report or if you require any additional information, please contact the Conference Secretariat by email at [meetings@ammi.ca](mailto:meetings@ammi.ca).

## Guidelines for Submission and Presentation of ABSTRACTS

Please read the following and refer to the **Sample Abstract**.

To be considered, an abstract must comply with the rules of submission set out by the Abstract/Case Report Committee. Before submitting an abstract, it is strongly recommended that the entire “**Guidelines for Submission of Abstracts**” be thoroughly reviewed. Submitted abstracts that do not conform to the prescribed format will be rejected.

Abstracts will be judged on scientific content, interest and relevance to infectious diseases and microbiology.

Abstracts will be selected for either e-poster presentations or oral presentations. Oral presentations of abstracts will be presented at oral abstract presentation sessions scheduled throughout the conference. The annual conference accommodates a fixed number of oral presentations. **THE ABSTRACT/CASE REPORT COMMITTEE RESERVES THE RIGHT TO SELECT THE FINAL PRESENTATION FORMAT.**

1. Abstracts cannot exceed 300 words as identified in the submission system. Submissions of **abstracts exceeding 300 words will not be permitted**. It is recommended that you prepare your abstract’s text prior to submission and save a copy on your computer. The text can later be copied and pasted into the online submission form. Please note that the submission site’s word counting mechanism may differ slightly from other word processors (i.e., MS Word). It is recommended that you prepare your abstract to be sufficiently under the word limit to accommodate if needed.
2. A blinded review and selection process will be used to identify abstracts for presentation. Therefore, **no identifying features such as names of authors or their affiliations, names**

**of hospitals, medical schools, clinics, cities or provinces may be listed in the title or text of the abstract.** The names of authors and their affiliations (institutions) are entered separately when you submit the abstract online.

3. **Title:** Your title cannot exceed 50 words (submission of titles exceeding 50 words will not be permitted). The title should be concise and clearly reflect the content of the abstract. Capitalize only the first letter of the first word of the title and the first letter of the word of a subtitle (if included). Note that proper nouns and genus names should retain their normal capitalization. There should be no period at the end of the title.
4. **Abstract Text:** Your abstract text cannot exceed 300 words (submissions of text exceeding 300 words will not be permitted). Abstracts should state briefly and clearly the objectives, methods, results, and conclusions of the work.

### Objective(s):

Clearly state the purpose of the work presented.

### Methods:

Describe your selection of observations or experimental subjects clearly and concisely.

### Results:

Present your results in a logical sequence in text and/or tables. Illustrations should be avoided.

### Conclusion(s):

Emphasize new and important aspects of the study and conclusions that are drawn from them.

**Abstracts not written in the format illustrated in the Sample Abstract will be rejected.**

5. **Authors:** List the first and last names of ALL authors. Middle initials are optional. Email addresses will be required for all authors (for correspondence purposes only)
6. **Affiliations:** List each author’s institution, city, and province. Use standard abbreviations for the province (e.g., ON, AB, BC).
7. **Tables (and figures) if necessary:** Acknowledging abstract word limits, the use of tables or figures should be limited to one (1) table (or figure) if necessary.

## Abstract Topic Categories

- Antimicrobial Stewardship
- Antimicrobials
- Bacteriology
- Basic/experimental science
- Clinical infectious diseases
- COVID-19
- Diagnostic laboratory methods, studies, and surveillance
- Education
- Environmental/Food microbiology
- HIV and AIDS
- Infection prevention and control/ Health care epidemiology
- Mycology
- Paediatrics
- Parasitology
- Public health
- Sexually transmitted infection
- Travel medicine and tropical diseases
- Virology
- Other



**Tables:**

- Must contain no more than four (4) columns
- Must be submitted in an editable format (i.e., as a Word or Excel table)

**Figures:**

- Must not exceed 3.5" in width
- Must be legible at 3.5" wide
- Must be a minimum of 120 dpi at 3.5" wide

**\*If image does not conform to the outlined specifications the image will not be included in the publication\***

**N.B.: If using a formatted table, listed data WILL BE INCLUDED in the abstract's word count. Figures (images) containing excessive text can also be deemed to infringe upon an abstract's word count, which will be at the discretion of the Abstract/Case Report Committee. Only tables of four (4) columns or fewer can be guaranteed inclusion in a published abstract.**

**SAMPLE ABSTRACT****Prevalence and clinical correlation of indeterminate *Clostridium difficile* tests utilizing a 2-step algorithm**

Jason Zou<sup>1</sup>, Victor Leung<sup>2,3</sup>, Sylvie Champagne<sup>2,3</sup>, Michelle Hinch<sup>3</sup>, Elisa Lloyd-Smith<sup>3</sup>, Mark G Romney<sup>2,3</sup>, Azra Sharma<sup>3</sup>, Michael Payne<sup>2,3</sup>, Christopher F Lowe<sup>2,3</sup>

<sup>1</sup>Max Rady College of Medicine, University of Manitoba, Winnipeg, MB; <sup>2</sup>Pathology and Laboratory Medicine, University of British Columbia, Vancouver, BC; <sup>3</sup>Providence Health Care, Vancouver, BC

**Objectives:** *Clostridium difficile* testing cannot distinguish infection from colonization, contributing to over-diagnosis and unnecessary treatment of *C. difficile* infection (CDI). A two-step algorithm (PCR followed by enzyme immunoassay (EIA) to confirm detectable toxin) can mitigate over-diagnosis but the clinical significance of indeterminate results (PCR+/Tox-) is unclear. We assessed the prevalence and clinical outcomes of indeterminate results.

**Methods:** Retrospective chart review of *C. difficile* tests over 8-months at one community and one tertiary care hospital. The testing algorithm consisted of an in-house developed PCR targeting the *tcdC* gene, with all positive PCR's tested with an EIA (GDH and toxin A/B). The Antimicrobial Stewardship (ASP) team assessed all patients, and CDI classification was based on the presence of symptoms or the decision by clinical providers to treat as CDI at the time of the positive result. A chart review of indeterminate results was conducted for clinical outcomes at 8-weeks after testing.

**Results:** 1094 patients had *C. difficile* testing. 147 were PCR-positive, of which 46.3% (68/147) were indeterminate. Of those, CDI was classified in 42.6% (29/68). Thirty-nine patients were considered colonized, but 6 continued treatment despite ASP recommendations. At 8-weeks, treated asymptomatic indeterminate patients showed no significant differences in rates of relapse (0% vs. 3%,  $p = 0.99$ ), positive follow-up testing (0% vs. 8.3%,  $p = 0.99$ ), re-treatment (0% vs. 3%,  $p = 0.99$ ), and all-cause mortality (16.7% vs. 6.1%,  $p = 0.81$ ) compared to those who were untreated.

**Conclusions:** Almost half of positive PCR's were EIA toxin-negative. Clinical assessment by ASP at the time of diagnosis identified 42.6% of indeterminate patients were consistent with CDI. Clinical outcomes were not significantly different when asymptomatic indeterminate patients were treated. Indeterminate results can assist in the clinical assessment of CDI, but should not be utilized in isolation for the determination of colonization or infection.

**SUBMIT AN ABSTRACT NOW**

## Guidelines for Submission and Preparations of CASE REPORTS

### Please read the following and refer to the Sample Case Report

To be considered, a case report must comply with the rules of submission set out by the Abstract/Case Report Committee. Before submitting a case report, it is strongly recommended that the entire “**Guidelines for Submission of Case Reports**” be thoroughly reviewed. Submitted case reports that do not conform to the prescribed format will be rejected.

Case reports will be judged on scientific content, interest and relevance to infectious diseases and microbiology.

Case reports will be selected for either e-poster presentations or oral case report presentations. Oral case report presentations will be presented at the Case Report Symposium. If selected, oral case report presentations should include audience participation through polling. The annual conference accommodates a fixed number of oral case reports. **THE ABSTRACT/CASE REPORT COMMITTEE RESERVES THE RIGHT TO SELECT THE FINAL PRESENTATION FORMAT.**

1. Case reports cannot exceed 300 words as identified in the submission system. Submissions of **case reports exceeding 300 words will not be permitted**. It is recommended that you prepare your case report’s text prior to submission and save a copy on your computer. The text can later be copied and pasted into the online submission form. Please note that the submission site’s word counting mechanism may differ slightly from other word processors (i.e., MS Word). It is recommended that you prepare your case report to be sufficiently under the word limit to accommodate if needed.
2. A blinded review and selection process will be used to identify case reports for presentation. Therefore, **no identifying features such as names of authors or their affiliations, names of hospitals, medical schools, clinics, cities or provinces may be listed in the title or text of the case report**. The names of authors and their affiliations (institutions) are entered separately when you submit the case report online.

3. **Title:** Your title cannot exceed 50 words (submission of titles exceeding 50 words will not be permitted). The title should be concise and clearly reflect the content of the case report. Capitalize only the first letter of the first word of the title and the first letter of the word of a subtitle (if included). Note that proper nouns and genus names should retain their normal capitalization. There should be no period at the end of the title.
4. **Case Report Text:** Your case report text cannot exceed 300 words (submissions of text exceeding 300 words will not be permitted). Case reports should state briefly and clearly the objectives, case summary, and discussion related to the case.

#### **Objective(s):**

Clearly state the purpose of the case being presented.

#### **Case Summary:**

Succinctly describe the case in a logical sequence, including relevant photos or figures as appropriate. Illustrations should be avoided.

#### **Discussion:**

Emphasize unique aspects of the case and take-home messages drawn from it.

### **Case reports not written in the format illustrated in the Sample Case Report will be rejected.**

5. **Authors:** List the first and last names of ALL authors. Middle initials are optional. Email addresses will be required for all authors (for correspondence purposes only).
6. **Affiliations:** List each author’s institution, city, and province. Use standard abbreviations for the province (e.g., ON, AB, BC).
7. **Tables (and figures) if necessary:** Acknowledging case report word limits, the use of tables or figures should be limited to one (1) table (or figure) if necessary.

#### **Tables:**

- Must contain no more than four (4) columns
- Must be submitted in an editable format (i.e., as a Word or Excel table)

**Figures:**

- Must not exceed 3.5" in width
- Must be legible at 3.5" wide
- Must be a minimum of 120 dpi at 3.5" wide

**\*If image does not conform to the outlined specifications the image will not be included in the publication\***

**N.B.: If using a formatted table, listed data WILL BE INCLUDED in the case report's word count. Figures (images) containing excessive text can also be deemed to infringe upon a case report's word count, which will be at the discretion of the Abstract/Case Report Committee. Only tables of four (4) columns or fewer can be guaranteed inclusion in a published case report.**

**SAMPLE CASE REPORT****Necrotic myositis in an immunocompetent patient with persistent *Bacillus cereus* bacteremia and acute liver failure: A Case Report**

Anna Cvetkovic, Vaibhav Mokashi, Kevin Woodward  
McMaster University, Hamilton, ON

**Objectives:** *Bacillus cereus* bacteremia is commonly considered to be a contaminant in immunocompetent patients given its environmental distribution and usual role as a foodborne pathogen. However, it is known to cause disease in patients who use drugs, patients with indwelling venous catheters, the immunocompromised, and rarely, patients with liver cirrhosis. We describe an immunocompetent patient without a history of substance use, indwelling catheter, preceding trauma or prosthetic material presenting with persistent *B. cereus* bacteremia with associated necrotizing myositis.

**Case Summary:** A 62-year-old woman was transferred from a community-based hospital with uncontrolled atrial flutter requiring cardioversion. She developed acute shock liver secondary to severe hypotension. During a second episode of atrial flutter, she developed severe and sudden right thigh pain. A MRI of her right leg revealed quadriceps myositis with focal fascial edema and fasciitis without evidence of abscess. Multiple blood cultures grew *Bacillus cereus*. Intravenous vancomycin was initiated and despite therapeutic drug levels, she remained persistently bacteremic for 12 days until her cultures cleared. Her symptoms resolved without surgical management. A transthoracic echocardiogram was negative for endocarditis and a computed tomography scan of her abdomen and pelvis showed no mycotic aneurysms. She was successfully treated with 4 weeks of Vancomycin with complete recovery of her liver injury.

**Discussion:** This case presents an opportunity to review the varied presentations of *B. cereus* infection, from common foodborne illness to rare gas gangrene-like infections. To our knowledge, this represents the first case of primary cutaneous necrotizing infection in a patient with no history of preceding trauma or underlying immunocompromise, outside of acute liver failure and well controlled diabetes. In presenting this case alongside those previously reported, we add to the building literature suggesting that *B. cereus* can cause severe, life-threatening illness in both immunocompetent and immunocompromised patients.

**SUBMIT A CASE REPORT NOW**

# Student/Technologist/Trainee Awards Competition

Awards presentations will take place Friday, April 8, 2022

## Student/Trainee ABSTRACT Awards

### Dr. Susan King Paediatric Abstract Award

(trainees, paediatric topics only)

#### Eligibility Criteria:

- Individual students, residents and fellows in paediatrics are eligible for this award.
- Students/trainees must be in training or have completed their training less than nine (9) months before the annual conference.
- The student/trainee must be the first author of the abstract.
- The student/trainee is required to have significantly contributed to the investigation and MUST present the work at the conference.
- Only work relevant to all aspects of paediatric microbiology and infectious diseases will be considered for this award.
- Candidates MUST indicate their desire to compete for this award during the abstract submission process.
- Only one abstract per student/trainee may be submitted for this award competition.

**The award consists of \$500 and an engraved plaque.**

### CFID / VERITY PHARMA Resident Travel Award in Infectious Diseases

The Canadian Foundation for Infectious Diseases (CFID) has received support from Verity Pharma to offer an award to help support attendance at the annual conference for an Internal Medicine or Paediatric Resident in Training. The recipient will be announced prior to the conference early bird registration deadline.

#### Eligibility Criteria:

- Core Internal Medicine and Core Paediatric Residents (PGY1–4) enrolled in a post graduate residency program in Canada are eligible for this award
- Residents must be in training or have completed their training less than nine (9) months before the annual conference.
- Resident must be the first author of the abstract.
- Resident is required to have significantly contributed to the investigation.
- The Resident must register and attend the conference.
- The Resident MUST present their work at the conference.
- Work relevant to all aspects of microbiology and infectious diseases will be considered for this award.
- Candidates MUST indicate their desire to compete for this award during the abstract submission process.
- Only abstracts submitted for oral presentation consideration will be eligible.
- Only one abstract per student/trainee may be submitted for this award competition.

**The award consists of reimbursement for travel, accommodation, and registration to attend the annual conference (maximum of \$1500, receipts will be required).**

**All student/trainee abstract presenters who wish to compete for any of the student/trainee awards, must fill in the [Student/Technologist/Trainee Awards Competition form](#) and return it to the Conference Secretariat by email to [meetings@ammi.ca](mailto:meetings@ammi.ca) no later than **March 8, 2022.****

Each of the following awards consists of \$800 and an engraved plaque

## Student/Trainee ORAL PRESENTATION Award

### Canadian Association for Clinical Microbiology and Infectious Diseases (CACMID) Student Oral Presentation Award

#### Eligibility Criteria:

- Individual students, residents and fellows are eligible for this award.
- Students/trainees must be in training or have completed their training less than nine (9) months before the annual conference.
- The student/trainee must be the first author of the abstract.
- The student/trainee is required to have significantly contributed to the investigation and MUST present the work in-person at the conference.
- Work relevant to all aspect of microbiology and infectious diseases will be considered for this award.
- Candidates MUST indicate their desire to compete for this award during the abstract submission process.
- Only one abstract per student/trainee may be submitted for this award competition.

## Student/Technologist/Trainee POSTER Awards

### Association of Medical Microbiology and Infectious Disease (AMMI) Canada Poster Award

### Canadian Association for Clinical Microbiology and Infectious Diseases (CACMID) Poster Award

### Canadian Association for Clinical Microbiology and Infectious Diseases (CACMID) Technologist Poster Award

### Canadian College of Microbiologists (CCM) Poster Award

### Canadian College of Microbiologists (CCM) Dr. Kenneth Rozee Memorial Poster Award

#### Eligibility Criteria:

- Individual students, technologists and trainees are eligible for these awards.
- Applicants MUST:
  - be in training or have completed their training less than nine (9) months before the annual conference
  - be the first author of the abstract
  - have significantly contributed to the investigation
  - register and attend the annual conference
  - present the work as an e-poster
  - indicate their desire to compete for these awards during the abstract submission process
- Work relevant to all aspects of microbiology and infectious diseases will be considered for these awards
- Only one abstract per student/technologist/trainee can be submitted for award consideration
- Applicants for the CACMID Technology Poster Award MUST be a technologist and a current CAMCID member in good-standing.

**All student/trainee abstract presenters who wish to compete for any of the student/trainee awards, must fill in the [Student/Technologist/Trainee Awards Competition form](#) and return it to the Conference Secretariat by email to [meetings@ammi.ca](mailto:meetings@ammi.ca) no later than March 8, 2022.**

## Registration Information

### Registration Rates

	Early Bird* (March 8, 2022)		Full Rate	
	Full Conference In-Person	Full Conference Virtual	Full Conference In-Person	Full Conference Virtual
Member	\$525	\$525	\$625	\$625
Non-Member	\$775	\$775	\$875	\$875
Student**	\$185	\$185	\$235	\$235

### Payment Policy

Conference registrations are not considered confirmed until full payment is received. All conference registration fees must be paid prior to commencement of the 2022 AMMI Canada – CACMID Annual Conference (April 5, 2022). This includes payment for all optional events.

### Cancellation Policy

Cancellation request must be submitted in writing. Those received on or before March 8, 2022 – 100% refund; those received on or before March 22, 2022 – 50% refund; those received after March 22, 2022, cannot be refunded. An administration fee of \$50 will be deducted. Registrations may be transferred at any time without penalty.

\* Payment must be received before the early bird fee cut-off date of March 8, 2022.

\*\* A letter of attestation from the teaching institution indicating the registrant is enrolled in a full-time program must accompany the registration.

### Politique de paiement

Les inscriptions à la conférence ne sont considérées confirmées qu'à la réception du paiement intégral. Tous les droits d'inscription à la conférence annuelle 2022 d'AMMI Canada – CACMID doivent être payés avant le début de la conférence (8 mars 2022), y compris le paiement pour les événements facultatifs.

### Politique d'annulation

Les demandes d'annulation doivent être soumises par écrit. Celles reçues avant le 8 mars 2022 ou à cette date seront remboursées à 100 %; celles reçues avant le 22 mars 2022 ou à cette date seront remboursées à 50 %; et celles reçues après le 22 mars 2022 ne seront pas remboursées. Un coût d'administration de 50 \$ sera déduit. Les inscriptions peuvent être transférées en tout temps, sans pénalité.

\* Le paiement doit être reçu avant l'échéance du tarif des inscriptions hâtives du le 22 mars 2022.

\*\* L'étudiant(e) doit fournir une lettre de l'établissement d'enseignement attestant qu'il (elle) est inscrit(e) à un programme d'études à temps plein.

**REGISTRATION WILL OPEN  
BY THE END OF OCTOBER**

### Hotel Information

The 2022 conference pattern is changing for 2022. Trainees' Day will kick off the programming on Tuesday, April 5, with the conference beginning on Wednesday, April 6 and running through Friday, April 8.

Rates are available 3 days prior and 3 days after the annual conference, subject to availability at time of reservation. To make an online reservation please visit the annual conference sections of [www.ammi.ca](http://www.ammi.ca) or [www.cacmid.ca](http://www.cacmid.ca) and follow the hotel reservation instructions. Be sure to use the conference link to ensure you receive the AMMI Canada – CACMID Annual Conference rates. If you are making a telephone reservation, please call and identify yourself as an AMMI Canada – CACMID Annual Conference attendee.

#### Sheraton Vancouver Wall Centre

1088 Burrard Street  
Vancouver, BC V6Z 2R9

Hotel Direct: (604) 331-1000  
Reservations Toll Free: (888) 627-7058

#### Guest Room Rates

Traditional Room: \$199.00

#### The Conference Room Rate Expiration: March 8, 2022

All rates are in Canadian dollars and do not include applicable provincial and local taxes. Taxes and fees are subject to change.

**RESERVATION SITE  
WILL OPEN BY THE  
END OF OCTOBER**

### COVID-19 Health and Safety

The priority of both AMMI Canada and CACMID is to create a safe environment at the annual conference. As the situation surrounding the COVID-19 pandemic is constantly evolving, we will be working in conjunction with the Sheraton Vancouver Wall Centre to monitor the health and safety protocol requirements. We will meet or exceed the standards set by the Sheraton Vancouver Wall Centre, the Health Authority for British Columbia, and the Public Health Agency of Canada (PHAC).

#### NOTICE

AMMI Canada, CACMID and Unconventional Planning are the only official housing agents for the annual conference. NO other housing company or travel agent is authorized to place hotel reservations on behalf of the AMMI Canada – CACMID Annual Conference.

with a reservation number from the  
Sheraton Vancouver Wall Centre

**REBATE**  
**\$100**  
**RABAIS**

avec le numéro de réservation du  
Sheraton Vancouver Wall Centre

## Save \$100 on Your Full Conference Registration

**Offer available only while rooms  
are available, so don't miss out -  
BOOK EARLY!**

Simply fill in your Sheraton Vancouver  
Wall Centre reservation number on  
the conference registration form and  
save \$100.

By reserving a room at the Sheraton  
Vancouver Wall Centre, AMMI Canada  
and CACMID are able to keep the  
conference costs low; savings that we  
pass on to you as a member.

Offer applies to full conference registration  
only! One rebate per hotel room!

## Économisez 100 \$ sur le prix d'inscription pour la conférence en entier!

**Cette offre est valable tant qu'il y aura  
des chambres, alors ne ratez pas votre  
chance – RÉSERVEZ TÔT!**

Vous n'avez qu'à inscrire votre numéro  
de réservation du Sheraton Vancouver  
Wall Centre sur le formulaire d'inscription  
à la Conférence pour obtenir votre  
rabais de 100 \$.

En réservant une chambre à l'hôtel du  
Sheraton Vancouver Wall Centre, vous  
aidez AMMI Canada et CACMID à réduire  
les coûts de la Conférence; des économies  
que nous retournons aux membres.

Cette offre s'applique uniquement  
à l'option Conférence en entier!  
Un rabais par chambre d'hôtel!

## Vancouver

Located in the heart of Vancouver, you  
will never feel more at home than at the  
Sheraton Vancouver Wall Centre. Step  
outside the doors and into the celebrated  
sights of the city. Stroll leisurely through  
the boutiques of Robson Street and  
Yaletown, take a Sea Wall Walking Tour  
with friends, and create memories at  
Stanley Park and the Vancouver Art  
Gallery, all just blocks away. Slow down  
and take in the views of the skyline and  
the Pacific Ocean from your room. Jump  
into the heated swimming pool, ease into  
the whirlpool to get refreshed or get  
re-energized at the health club. A warm  
welcome awaits you at the Sheraton  
Vancouver Wall Centre.

## Travel Discounts

The AMMI Canada – CACMID Annual  
Conference Secretariat has secured  
special discount options with these  
official transportation suppliers:

**AIR CANADA** 

**WESTJET** 

To take advantage of travel discount  
offers, you will need the booking  
instructions provided in your conference  
registration confirmation email. If you  
are registered, but you are unable to  
locate this communication, please  
contact [meetings@ammi.ca](mailto:meetings@ammi.ca).

## Program at a Glance

(Subject to change)

### NEW!

The conference format has changed and will run Tuesday – Friday instead of our traditional format of Wednesday – Saturday

### Tuesday, April 5

Trainees' Day  
AMMI Canada Council Meeting  
CACMID Board Meeting

### Wednesday, April 6

**Plenary: COVID-19 – Into the Third Year**

Oral Presentations  
AMMI Canada AGM and Sections Meeting  
**State of the Art Clinical Lecture: Droplet Contact Aerosol Continuum – Time to Rethink the Dichotomy – Thinking Beyond COVID-19**  
**Masterclass: Sequencing 101**  
**Masterclass: Infectious Disease & Medical Microbiology Teaching Skills**  
Merit and Association Awards Presentation  
AMMI Canada – CACMID Special Lecture  
Meet and Greet Reception

### Thursday, April 7

**Plenary: Intersection of Addictions Medicine and Infectious Diseases**  
CACMID AGM  
**State of the Art Clinical Lecture: Length of Therapy: Less is More**  
**Masterclass: Immunocompromised Hot Topics**  
**Masterclass: Post COVID-19: What to Do with All These Machines?**

### Friday, April 8

CFID Bug Run  
**State of the Art Clinical Lecture: The Impact of COVID-19 on Indigenous Health**  
Oral Presentations  
Case Report Symposium  
**Plenary: What's Hot in Medical Microbiology, Infectious Disease, Stewardship & Infection Control**  
Poster & Research Awards

## 8th Annual CFID Bug Run

Friday, April 8



Join your colleagues, friends, competitors or just challenge yourself to a 5K Bug Run/Walk sponsored by the Canadian Foundation for Infectious Diseases.

As information becomes available it will be posted on the CFID website at [www.researchid.com](http://www.researchid.com).

## Exhibit Lounge

For more information about becoming an exhibitor please visit the annual conference sections of both the AMMI Canada ([www.ammi.ca](http://www.ammi.ca)) and CACMID ([www.cacmid.ca](http://www.cacmid.ca)) websites or contact Riccarda Galio at [riccarda@ammi.ca](mailto:riccarda@ammi.ca).

## DATES AND DEADLINES

**Abstract submissions:**  
January 6, 2022

**Preliminary program available:**  
January 2022

**Abstract Acceptance communicated by email:**  
on or around February 8, 2022

**Early bird registration:**  
March 8, 2022

**Room rate expiration:**  
March 8, 2022

## COVID-19 Health and Safety

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## 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. 105

[meetings@ammi.ca](mailto: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](http://registration@unconventionalplanning.com)