

Congrès annuel AMBQ/CAMB Annual Congress

18 au 20 juin 2025/June 18-20, 2025



Holiday Inn Vancouver Centre

711 West Broadway,
Vancouver, BC, V5Z 3Y2, Canada

Objectifs généraux d'apprentissage

À la fin du congrès, le participant devrait être en mesure d' :

- Discutez des avancées et des percées récentes en médecine biochimique, y compris leurs implications pour les diagnostics de laboratoire et les soins aux patients.
- Examinez comment l'automatisation et l'intelligence artificielle transforment les flux de travail des laboratoires, améliorent l'efficacité et renforcent la précision du diagnostic.
- Obtenir des informations sur la santé des autochtones et les considérations de santé en Asie du Sud en médecine de laboratoire tout en restant informé des derniers développements en biochimie médicale.

General learning objectives

At the end of the congress, the participant should be able to:

- Discuss recent advancements and breakthroughs in biochemical medicine, including their implications for laboratory diagnostics and patient care.
- Examine how automation and Artificial Intelligence are transforming laboratory workflows, improving efficiency, and enhancing diagnostic accuracy.
- Gain insights into Indigenous health and South Asia Health considerations in laboratory medicine while staying informed on the latest developments in medical biochemistry.

8 h	Inscription/Registration Hall Ballroom East
Symposium 1 Trends in Biochemical Medicine Modérateur/Chair: Dr. Li Wang Salle/room: Ballroom East Chacune des conférences inclut 25 % du temps alloué aux questions. Each conference includes 25% of the time allocated to questions	
9 h 00	Dr. Pierre Douville How to assess utility, application to HE4 as a cancer marker for women with an ovarian mass - Describe the concepts and tools to assess utility in lab medicine - Explain some limitations of Bayes theorem and ROC curves - Identify key points in decisions trees - Evaluate HE4 for cancer screening in women with ovarian lesions
10 h 00	Dr. Robin Hsiung Overview of the different dementias and their treatments
11 h 00	Pause/break Salle/Room: Hall
11 h 20	Dr. Michael Chen A culture-free approach to identify urinary tract pathogens in the general population
12 h 20	Lunch:

Comité scientifique et organisateur Scientific and Organising Committee	
Dr. Richard Cleve, président Dr. Li Wang Dr. Pierre Douville	Dr. Michael Chen Dr. Gang He Dr. François Corbin
Responsable de l'unité de DPC AMBQ AMBQ CPD Unit representative	
Dr. Gang He	
Mission	
Encadrer, stimuler et soutenir les activités des DPC pour améliorer les compétences des médecins biochimistes du Québec afin d'offrir des soins de qualités aux patients québécois et répondre aux besoins de la clientèle des laboratoires cliniques.	

Mercredi 18 juin/Thursday June 18

Symposium 1 Trends on Biochemical Medicine

Modérateur/Chair: Dr. Li Wang

Salle/room: Ballroom East

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13 h 30	Dr. Anne Gangloff Lipido-oncology and Metabo-oncology : what we know and what needs to be studied
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14 h 30	Dr. Ali Zentner Obesity update
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15 h 30	Pause/break Salle/Room: Hall
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16 h 00	Dr. Liam Brunham Update on hyperlipidemia - to review the role of dyslipidemia as a risk factor atherosclerotic cardiovascular disease - to understand the current landscape of lipid lowering therapies - to recognize the role of Lipoprotein(a) as a risk factor for cardiovascular disease and the approach to its treatment
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17 h 00	Fin des activités scientifiques du jour End of scientific activities of the day
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17 h 30 – 21 h 00	COS Meeting of Royal College of Physicians and Surgeons of BC (Dinner only provided to COS members) Salle/Room:
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Symposium 2
Laboratory Automation and Artificial Intelligence
Modérateur/Chair: Dr. Li Wang
Salle/room: Ballroom East

Chacune des conférences inclut 25 % du temps alloué aux questions.
Each conference includes 25% of the time allocated to questions

8 h 30	Dr. Dan Holmes Robotic Process Automation: Applications to Lab Medicine
9 h 30	Mr Mahdi Mobini Automate on Cloud for your Custom Laboratory Software
10 h 30	Pause/break Salle/Room: Hall
11 h 00	Dr Patrick Mathias Integration, Automation and AI – Application to Urine Drug Screen interpretation - List 3 scenarios in which a standard laboratory information system may not support the functional requirements of the clinical laboratory. - Explain how artificial intelligence can support the interpretation of clinical laboratory data. - Contrast the capabilities of an information system analyst, business analyst, and software developer.
12 h 00	Lunch Salle/room:

Symposium 3 Indigenous Health and South Asian Health

Modérateur/Chair: Dr. Li Wang

Salle/room: Ballroom East

Chacune des conférences inclut 25 % du temps alloué aux questions.
Each conference includes 25% of the time allocated to questions

13 h	Ms. Karem Mooder Laboratory update on Indigenous Health in BC
14 h 00	Dr. Gang He Model On Indigenous Heath Laboratory Care in the Cree Region
15 h 00	Pause/break Salle/Room: Hall
15 h 30	Dr. Mark Elliott Screening for kidney diseases in non Caucasians patients
16 h 30	Fin des activités scientifiques du jour End of scientific activities of the day
16 h 45	Assemblée générale de la CAMB/General Meeting of the CAMB Salle/Room: Ballroom East
19 h 00	Souper/Dinner Paid Event

Symposium 4
Short presentations/Courtes présentations
Modérateur/Chair: Dr. Li Wang
Salle/room: Ballroom East

Chacune des conférences inclut 25 % du temps alloué aux questions.
Each conference includes 25% of the time allocated to questions

8 h 30	Dr. Elizabeth MacNamara Limitations and problems with urine microscopy
9 h 00	Dr. Manal Elnenaei Proteomic Characterizatin of Multiple Myeloma Bone Marrow Interstitial Fluid Links Prognosis to Coagulation Pathways
9 h 30	Dr. Li Wang Diagnosis of Peanut Allergy : Two step algorithm At the end of this session, the participants will be able to • Describe the pathogenesis, diagnosis and management of peanut allergy in children. • Explain the role of peanut component testing in the era of precision medicine and molecular allergology. • Apply a newly proposed two-step diagnostic algorithm for peanut allergy based on BCCH findings
10 h 00	Pause/break Salle/Room: Sainte-Foy/Portneuf
10 h 30	Dr. Khashayar Hanjani Normal Reference Intervals for serum HCG by Siemens : are we flagging patients appropriately?
11 h 00	Dr. Manal Elnenaei Role of the Clinical Chemistry Lab in Monitoring of Differentiated Thyroid Cancer.
11 h 30	Dr. Hans Frykman Alzeihmer's disease (p tau 217)
12 h 00	Évaluation du congrès Congress evaluation
	Fin des activités scientifiques End of congress

L'AMBQ et la CAMB, via la cotisation de leurs membres, ont contribué financièrement à la tenue de cette activité.

The AMBQ and CAMB, through annual dues of their members, contributed financially to this event.

Cette dernière a aussi été rendue possible grâce à une subvention à visée éducative sans restriction des compagnies suivantes :

It has also been made possible through an educational grant without limitation of the following companies:

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