



**53<sup>nd</sup> Symposium / 53<sup>e</sup> Symposium**

November 29<sup>th</sup> – December 3<sup>rd</sup>, 2021  
Virtual Learning Event / Événement d'apprentissage virtuel

**THE BROAD SPECTRUM OF TOXICOLOGY:  
FROM MECHANISMS TO HEALTH OUTCOMES**

**LE LARGE SPECTRE DE LA TOXICOLOGIE : DES MÉCANISMES JUSQU'AUX  
EFFETS SUR LA SANTÉ**

**Organized by / Organisé par:**

SOCIETY OF TOXICOLOGY OF CANADA  
LA SOCIÉTÉ DE TOXICOLOGIE DU CANADA

President: Geraldine Delbès, INRS  
Vice President: Jayadev Raju, Health Canada  
Past President: Angela Hofstra, Syngenta Canada Inc.

**Programme Committee / Comité du Programme**  
Isabelle Plante, INRS, Chair and Academic Member  
Anne Marie Gannon, Health Canada, Government Member  
Albert Licollari, Nucro-Technics, Industry Member

November 29<sup>th</sup>, 2021 [12:45 to 5:00 pm EST]

- 12:45 **Welcome & Opening Remarks**  
**Géraldine Delbès, President STC**
- 1:00-1:05 **SESSION I: Pharmacotoxicology Related to Vaccines**  
*Chair: Albert Licollari, Nuero-Technics*
- 1:05-1:35 **Trina Racine, VIDO**  
Acute Toxicity Studies in Rabbits in the Development of two COVID-19 Vaccine Candidates
- 1:35-2:05 **Warren Casey, NIH**  
Title to be announced
- 2:05-2:35 **Micheal Rosu-Myles, Health Canada**  
Title to be announced
- 2:35-3:05 **Marie-Claude Rousseau, INRS**  
Bacillus Calmette-Guerin (BCG) and COVID-19: Could a 100-year-old tuberculosis vaccine play a role in the pandemic response?
- 3:05-3:25 **Break**
- 3:25-5:00 **Annual Business Meeting (members only)**  
**Trainees event**

November 30<sup>th</sup>, 2021 [13:00 to 7:00 pm EST]

- 1:00-1:05**      **SESSION II: Ecotoxicology (In collaboration with EcotoQ)**  
*Chair: Jonathan Verreault, UQAM, EcotoQ*
- 1:05-1:35**      **Magali Houde, Environment and Climate Change Canada**  
Contaminants in marine mammals – from the St. Lawrence to the Arctic
- 1:35-2:05**      **Melissa McKinney, McGill University**  
Climate change-contaminant interactions in Arctic marine mammals
- 2:05-2:35**      **Niladri Basu, McGill University**  
EcoToxChip: A toxicogenomics tool for chemical prioritization and environmental management.
- 2:35-3:05**      **Lise Parent, TELUQ**  
Systematic Knowledge Synthesis: Ecotoxicology and Toxicology in Environmental Health
- 3:05-3:25**      **Break**
- 3:25-4:00**      **3-minutes poster session**
- 4:00-4:10**      **Gabriel Plaa award Presentation**  
*Chair: Géraldine Delbès, President, Grazyna Kalabis and Adam Socha*
- 4:10-5:00**      **Gabriel Plaa Lecture, David Josephy, Guelph**
- 5:00-7:00**      **Social Event**

December 1<sup>st</sup>, 2021 [13:00 to 5:30 pm EST]

**1:00-1:05      SESSION III: Safety of Vaping Products**

*Chair: Anne Marie Gannon, Health Canada*

**1:05-1:35      Alison Holloway, McMaster University**

E-cigarette use during pregnancy and offspring health

**1:35-2:05      Ashley Cabecinha, Health Canada**

Title to be announced

**2:05-2:35      Daniela Schwotzer, Lovelace Biomedical**

Lung Injury after Phytol Inhalation in Rats

**2:35-3:05      David Hammond**

Title to be announced

**3:05-3:25      Break**

**3:25-4:30      Poster viewing session**

**4:30-5:30      Keynote Speaker**

*Chair: Isabelle Plante, INRS*

**Suzanne Fenton, National Institute of Environmental Health Sciences**

Title to be announced

December 2<sup>nd</sup>, 2021 [13:00 to 5:30 pm EST]

- 1:00-1:10**      **VE Henderson award Presentation**  
*Chair: Jayadev Raju, vice-president of STC, Health Canada and Barbara Hales, McGill*
- 1:10-2:00**      **VE Henderson Lecture, Tara Barton-MacLaren, Health Canada**  
Title to be announced
- 2:00-3:05**      **TRAINEE SESSION**
- 3:05-3:25**      **Break**
- 3:25-3:30**      **SESSION IV: Environmental Toxicology: Northern Pollution**  
*Chair: Élyse Caron-Beaudoin, University of Toronto*
- 3:30-4:00**      **Marc-André Verner, Université de Montréal**  
Exposure science in fractured land: Findings and research perspectives
- 4:00-4:30**      **Brian Laird, University of Waterloo**  
Biomonitoring for Evaluating Contaminant Risk Among Northern First Nations:  
Future Directions Post COVID-19
- 4:30-5:00**      **Aline Philibert, UQAM**  
Mercury exposure and premature mortality in the Grassy Narrows First Nation  
community: a retrospective longitudinal study
- 5:00-5:30**      **Pierre Ayotte, Université Laval, INSPQ**  
Title to be announced

December 3<sup>rd</sup>, 2021 [13:00 to 3:30 pm EST]

- 1:00-1:15**      **SESSION V: Forensic Toxicology**  
*Chair: Bernard Robaire, McGill*
- 1:15-1:45**      **Aaron Shapiro, University of British Columbia**  
Forensic Toxicology: Crime Scenes, Court, and Beyond!
- 1:45-2:15**      **Cynthia Côté, Laboratoire de sciences judiciaires et de médecine légale du Québec**  
Postmortem redistribution of THC
- 2:15-2:45**      **James Waterson, Laurentian University**  
Title to be announced
- 2:45-3:15**      **Karen Woodall, University of Toronto**  
Expert testimony in the era of novel psychoactive substances
- 3:15-3:30**      **Poster Award Winner and Closing Remarks**