



## 49<sup>th</sup> Annual Symposium / Le 49<sup>e</sup> symposium annuel

November 29<sup>th</sup> – December 1<sup>st</sup>, 2017  
Hotel Omni Mont-Royal  
1050 Sherbrooke Street West  
Montréal, QC  
H3A 2R6

### “Visualizing Toxicology in 4D: Disruption, Development and Drug Discovery”

Co-Organised by / En collaboration:

SOCIETY OF TOXICOLOGY OF CANADA  
LA SOCIÉTÉ DE TOXICOLOGIE DU CANADA

and

Discovery to Development Symposium VIII

Program Committee / Comité du programme:

Leanne Bedard, Bedard ADME-Tox Solutions, Chair and Industry Member

Elaine Leslie, University of Alberta, Academic Member

Ella Atlas, Health Canada, Government Member

Jean-Pierre Moreau, Recherche Continuum Research, Chairman of the Discovery to  
Development Symposium VIII

## Wednesday, November 29<sup>th</sup> PM

- 2:00 – 5:00     STC Board Meeting  
7:00             Welcome Reception for Trainees – STC President’s Suite, Hotel Omni Mont-Royal

## Thursday, November 30<sup>th</sup> AM

### Discovery to Development Symposium VIII

- 7:30             Registration / Breakfast
- 8:45             Opening Remarks  
**Jean-Pierre Moreau**, Chairman, Recherche Continuum Research, Montréal, QC  
**Mike Wade**, STC President, Health Canada, Ottawa, ON
- 9:00             **SESSION I**
- 09:00            Lindsay Donald, VP Intertek Health Sciences, Mississauga, ON  
Points to Consider in Developing Antibody-Drug-Conjugates (ADCs)
- 09:35            Robert Tavcar, Senior Director of Toxicology, CiToxLAB North America, Laval, QC  
The Preclinical Road Map to Vaccine Development
- 10:10-10:55     **Coffee Break and Poster Viewing**
- 11:00-11:45     Vic Kadambi, VP of Nonclinical Development, Blueprint Medicines, Cambridge, MA  
Predictive Toxicology for Novel Oncology Targets
- 11:45-1:15      **Lunch and Poster viewing**
- SESSION II**
- 1:15-1:50        Isabelle Ragueneau-Majlessi, Clinical Professor, University of Washington, Seattle, WA  
What Can Be Learned from Recent New Drug Applications? Key Findings from Preclinical and Clinical Drug Interaction Studies for Drugs Approved by the US FDA Between 2013 and 2016
- 1:50-2:25        Martin Béliveau, Certara, Montréal, QC  
Human PK Prediction and Allometry

- 2:25-2:50**      **Break/Poster viewing**
- 2:50-3:25**      Luc Villeneuve, CEO of IMMUNIT, Montréal, QC  
Nanoimmunotoxicology
- 3:25-4:00**      Carole Frederico, McGill University, Montréal, QC  
Considerations of Drug Efficacy Prior to FIH Clinical Trials
- 4:00**              **MEMBERS - STC Annual Business Meeting**
- 4:00**              **Student/Post-doctoral Fellow Mentoring Session**  
Chaired by Gurnit Kaur, University of Alberta
- Confirmed Participants: Lindsay Donald, JP Moreau, Celine Locas, Sue Yi, Vic Kadambi
- 6:00 – 8:00**      **President's Reception and STC Awards**  
**Location Hurley's Irish Pub, 1225 Crescent Street, Montreal QC**
- ToxTrivia* – Challenge your knowledge of toxicology, and the STC symposium talks and posters 2017!  
**Chairs:** Angela Hofstra and Leanne Bedard  
**Awards Presentations:** Mike Wade

## Friday, December 1<sup>st</sup> AM

- 7:30 Breakfast
- 8:25 **SESSION III: Developmental Origins of Health and Disease**  
**Chairs:** Geraldine Delbès and Isabelle Plante, INRS, Laval, Québec  
Introduction
- 8:30 **Deborah Sloboda**, Associate Professor, McMaster University, Hamilton, ON  
Impact of maternal high fat diet on development
- 9:00 **Susan Nagel**, Associate Professor, University of Missouri, Columbia, MO  
Endocrine disruptors/compounds from oil and gas industries
- 9:30 **Cathy Vaillancourt**, Professor, INRS, Laval, QC  
Impact of early exposure to antidepressants
- 10:00 **Coffee Break and Poster Viewing**
- 10:30 **Gabriel Plaa Award Lecture: Bernard Robaire**  
Introduction by Mike Wade (10 min) and Talk (25 min plus 5 min Qs)
- 11:10 **SESSION IV: INVITED STUDENT PLATFORM PRESENTATIONS**  
**Chair:** Elaine Leslie, University of Alberta  
Introduction
- 11:15 *Short talk:* STUDENT#1, TBD
- 11:25 *Short talk:* STUDENT#2, TBD
- 11:35 *Short talk:* STUDENT#3, TBD
- 11:45 *Short talk:* STUDENT#4, TBD
- 11:55 **Lunch (and Poster Takedown)**

## Friday, December 1<sup>st</sup> PM

- 12:55**      **SESSION V: Impact of Chemicals on the Endocrine System**
- Chair:** Angela Hofstra, Syngenta Canada Inc.  
Introduction
- 1:00**      **Jonathan Chevrier**, Assistant Professor, McGill University, Montréal, QC  
Thyroid hormone disruption
- 1:30**      **Sue Yi**, Technical Lead, Syngenta Crop Protection LLC, Greensboro, NC  
Industrial aspects for testing of investigational pesticides for potential endocrine disruption
- 2:00**      **Martin Gerrits**, Senior Scientific Evaluator, Health Evaluation Directorate, Health Canada Pest Management Regulatory Agency, Ottawa, ON  
Regulatory assessment of pesticides for potential endocrine disruption: Canadian context
- 2:30**      *Closing Remarks*  
**Mike Wade**, STC President, Health Canada, Ottawa, ON