Montréal
Québec

Abstract Submission
(Deadline: February 15, 2015)

You are encouraged to participate in the evening by presenting your research as a poster or platform talk. Submit your abstract through the Teratology Society website at www.teratology.org. Submission is quick and easy. Abstracts must be submitted by February 15, 2015.

Registration Information
You will be assigned abstracts in March, and you will be notified by April if you have been selected to give a platform talk or to present a poster.

Hotel Reservation Deadline: June 5, 2015
Advance Registration Deadline: May 15, 2015
Room Sharing Program Deadline: May 12, 2015
Student/Postdoctoral Travel Award Application Deadline: February 15, 2015
Abstract Submission Deadline: February 15, 2015

In the heart of downtown Montréal, Québec, Canada stands the Hilton Montréal Bonaventure hotel. Stroll through Hilton Montréal Bonaventure and Montréal, Québec, Canada

www.teratology.org

Program Chair:
President:
Program Chair:
Tacey E.K. White
Mary Alice Smith
Mary Alice Smith

Understanding Birth Defects and Reproductive Health: From Basic to Translational Research

Key Deadlines:
Abstract Submission Deadline: February 15, 2015
Student/Postdoctoral Travel Award Deadline: February 15, 2015
Early Bird Registration Deadline: February 23, 2015
Room Sharing Program Deadline: May 12, 2015
Advance Registration Deadline: May 15, 2015
Hotel Reservation Deadline: June 5, 2015

Understanding Birth Defects and Reproductive Health: From Basic to Translational Research

The theme of the 2015 meeting is "Understanding Birth Defects and Reproductive Health: From Basic to Translational Research" and highlights the converging forces of understanding birth defects and development disabilities on scientific disciplines and research translation for the next generation of birth defects researchers. Attendees and presenters will have a unique opportunity to focus on the latest research and development in the field of birth defects and developmental disabilities.

The scientific program provides numerous opportunities for trainees to understand the importance of the integration of basic, regulatory, clinical, and epidemiological information and of linking risk with scientific experts. The meeting is a unique opportunity for attendees to learn from public health experts regarding the prevention of birth defects and education of caregivers and families. The meeting provides a forum for all of the important stakeholders, including scientists, clinicians, and policymakers. It is an important forum for issues related to public policy regarding the prevention of birth defects and education of state-of-the-art methods and approaches to research in the field. Understanding the mechanisms leading to birth defects and effects on reproduction will help in designing drugs and preventing exposures to compounds that affect these pathways. The meeting promotes a range of educational opportunities, including a mutual interest with seasoned investigators.

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Why Attend the 2015 Teratology Society Annual Meeting?
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• Students with a desire to learn more in developmental biology and reprotoxicology.
• Pharmacologists who develop and design new drugs and chemicals for use during pregnancy or early childhood.
• Developmental and reproductive toxicologists who develop and/or test pharmaceuticals or chemicals for use during pregnancy, or identification of chemicals and biological effects on reproduction.
• Researchers whose cutting-edge science can be applied to birth defects research such as work on ion channels, placental physiology, computational toxicology, genomics/epigenetics, toxicokinetics, proteomics, and metabolomics.
• Physicians involved with early diagnosis of birth defects, including clinical and genetic aspects of pregnancy outcomes, the identification of medical and prevention programs that improve pregnancy outcomes.
• Advancing knowledge to recognize developmental abnormalities.
• Regulation: responsible for identifying critical measuring interactions and developing strategies to address developmental abnormalities.

During the Annual Meeting, you will have the opportunity to:
• Attend sessions that are both fundamental and basic to clinical care, with a range of expert speakers and scientists.
• Discuss the latest scientific and clinical information in a friendly and collaborative environment.
• Discuss and exchange new ideas and approaches to the study of developmental abnormalities.
• Learn from leading scientists and clinicians.
• Attend sessions on cutting-edge topics in developmental biology and reprotoxicology.

The Teratology Society promotes research on causes and prevention of abnormal development throughout the lifecycle, the importance of understanding the role of drugs and chemicals in the development of birth defects and disabilities.

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For your research and daily activities outside of the headlines, you should come to Montréal:
• The meeting provides an opportunity to meet and network with established experts in the field, new researchers, and students.
• Attend sessions on cutting-edge topics in developmental biology and reprotoxicology.
• Discuss the latest scientific and clinical information in a friendly and collaborative environment.
• Participate in the scientific program, which includes both basic and clinical research.
• Attend sessions on cutting-edge topics in developmental biology and reprotoxicology.

The Teratology Society promotes research on causes and prevention of abnormal development throughout the lifecycle, the importance of understanding the role of drugs and chemicals in the development of birth defects and disabilities.
Teratology Society Fifty-Fifth Annual Meeting:
Understanding Birth Defects and Reproductive Health: From Basic to Translational Research

The Teratology Society Fifty-Fifth Annual Meeting offers a comprehensive review of research that addresses the diversity of occupationally and environmentally related birth defects and other developmental anomalies. The meeting brings together basic and applied researchers to present their latest basic and clinical information on causes and prevention of abnormal development and reproduction. Topics for the scientific program span a wide range of topics from prenatal safety to public health and environmental contributions to the health of fetuses and birth defects in general. Session topics and special activities on Wednesday include:

- Educational Courses:
  - Developmental Toxicology of Reactive Oxygen Species: Oxidative Stress and Redox Signaling in Developmental Toxicology (K. Chevrier, A. M. Hoberman, E. Z. Francis, R. A. Lawrence, R. K. Miller)
  - Genetic and Environmental Interactions of Common Malformations—What are the contributions of genetics and environmental exposures to the formation of certain common malformations, and how we can use an understanding of these contributions to develop strategies for diagnosis, prevention and treatment (J. M. Friedman, G. M. Shaw, S. R. Lalani, H. Tully)

- Special Lectures and Awards:
  - Robert L. Brent Lecture: Teratogen Update (J. M. Friedman)
  - Genetic and Environmental Interactions of Common Malformations—What are the contributions of genetics and environmental exposures to the formation of certain common malformations, and how we can use an understanding of these contributions to develop strategies for diagnosis, prevention and treatment (J. M. Friedman, G. M. Shaw, S. R. Lalani, H. Tully)

- Dine with a Teratology Ambassador:
  - The Teratology Society is pleased to offer the opportunity during the meeting for students and postdoctoral fellows to discuss your research, connect with members and attendees, learn about different career paths, and forge relationships that you will “treasure” throughout your career! A random drawing for a prize of $100 will take place at the Banquet. All wine purchases will support the Teratology Society’s mission to support the activities of our graduate students and postdoctoral fellows.

- Silent Auction:
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- Student and Postdoctoral Fellowship Opportunities:
  - There are multiple major programs to support established investigators in professional and causal settings. The meeting is a great place to engage colleagues in these discussions to share your research and the scientific community to take advantage of unique opportunities to meet each other during the Annual Meeting.

- Student Travel Awards:
  - The Teratology Society will award a maximum of $500 to support travel expenses for a student to attend the Teratology Society Fifty-Fifth Annual Meeting. The travel awards will be awarded to students who present a poster in the student/postdoctoral proceedings.

- Student/Postdoctoral Treasure Hunt:
  - Make plans to participate in the 2nd Annual Student/Postdoc Treasure Hunt. This activity is intended to facilitate networking between the students/postdocs and the Society members at the Annual Meeting. It is a great opportunity to brainstorm with your peers and learn from leaders in the field.

- Teratology Society Room Sharing Program:
  - The Teratology Society invites students to participate in the Teratology Society Room Sharing Program! This program allows students to share a room with another student attending the Teratology Society Fifty-Fifth Annual Meeting. Room sharing provides a fun and affordable way to stay at the meeting.

Accommodations:
- The Teratology Society Room Sharing Program is open to attendees of the Teratology Society Fifty-Fifth Annual Meeting. Room sharing provides a fun and affordable way to stay at the meeting.

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