



**Dr. Anne Marie Gannon**

*Health Canada*

Chair, 2022 Programme Committee

Dr. Anne Marie Gannon is a Research Scientist at Health Canada in the Regulatory Toxicology Research Division. Dr. Gannon leads the Developmental and Reproductive Toxicology laboratory wherein studies are designed to investigate the developmental and reproductive effects of food-borne contaminants in a rodent model of exposure using OECD test guidelines. Prior to heading up the laboratory, Dr. Gannon completed a postdoctoral fellowship at Health Canada where she studied the toxicogenomics of contaminants in foods, primarily mycotoxins and flame retardants. She received her doctorate in Physiology and Pharmacology from McMaster University in 2013 where her graduate work focussed on identifying the molecular mechanisms of ovarian follicle loss following exposure to cigarette smoke, highlighting mitochondrial dysfunction and autophagy as a novel pathway of toxicant-induced granulosa cell death and follicle demise in the ovary. She obtained her Master's degree in molecular biology and a Bachelor's degree in biology, both from the University of Waterloo.

She is author/co-author of several scientific publications, book chapters, and poster and platform presentations on the topic of reproductive toxicology. She and her team were the recipients of the Society of Toxicology's Risk Assessment Specialty Section 2019 Best Published Paper Demonstrating an Application of Risk Assessment Award. She has served on several scientific society committees and boards, including: the STC Board of Directors, Society for the Study of Reproduction (SSR) local arrangements committee, and leadership roles in the Lake Ontario Regional Chapter of the SOT including president, postdoctoral representative and councilor.