

RESEARCH SEMINAR SERIES

# Target trial emulation using observational data to examine the safety of medication use in pregnancy

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October 16, 2024 | 12:00 pm – 12:50 pm

050 Apotex Centre, Bannatyne Campus



## Dr. Sonia Grandi

Assistant Professor

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Epidemiology, Dalla Lana School of Public Health  
**University of Toronto**

**Webinar Description:** The target trial emulation approach using observational data has been proposed as a means of generating real-world evidence to inform clinical practice. Importantly, this approach aligns the causal question with relevant decisions in practice, and if emulated correctly can minimize common sources of biases inherent in observational research. This webinar will discuss the design of target trials using observational data in perinatal pharmacoepidemiology and highlight key considerations and challenges in implementing this approach to study medication use in pregnancy.

**Speaker Biosketch:** Dr. Grandi is a Scientist in the Child Health Evaluative Sciences Program at the Research Institute of the Hospital for Sick Children and an Assistant Professor in the Division of Epidemiology in the Dalla Lana School of Public Health at the University of Toronto. Her research is supported by grants from the CIHR, Canadian Women's Health Foundation, and the Data Sciences Institute at the University of Toronto. Dr. Grandi was also awarded the 2024 Rising Star Award from the Society for Pediatric and Perinatal Epidemiology.