



WEBINAR SERIES

Thursday, December 21, 2023

2:00pm-3:00pm ET

“The Intersection of Ontogeny, Pharmacogenetics and Drug Safety in the NICU”



Tamorah Lewis, MD, PhD

Physician Scientist

Division Head

Clinical Pharmacology and Toxicology at SickKids

Dr Tamorah Lewis is a physician scientist, Division Head for Clinical Pharmacology and Toxicology at SickKids. In this role, Dr Lewis helps advance the hospital-wide vision for Precision Child Health and collaborates with multiple clinical Divisions for pharmacology research. Dr Lewis also continues to provide clinical care in the level IV NICU at SickKids.

The goals of Dr Lewis' research program are to bring precision therapeutics to the NICU population. Dr Lewis' interests include PBPK and population pharmacokinetic and pharmacodynamic investigations in neonates and children, pertaining to both drugs in common use and drugs under development. Her research focuses on the intersection between ontogeny and pharmacogenetic effects on pharmacology of drugs in infants and neonates.

In addition to her clinical and research roles, Dr Lewis is a dedicated advocate for Health Equity. Through publications and talks, she educates about the need for increased diversity in the biomedical workforce and the importance of diversity and equity in clinical research and clinical care.

Presentation Summary:

Dr Lewis will discuss research into the ontogeny of drug metabolism in neonates, discuss important aspect of bringing PK-model informed drug dosing to the bedside for infants, and innovations in regulatory science within the International Neonatal Consortium to improve success and efficiency of drug trials in neonates.

REGISTER NOW

