UNIVERSITY OF SASKATCHEWAN
College of Medicine
DEPARTMENT OF BIOCHEMISTRY, MICROBIOLOGY AND IMMUNOLOGY
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Proteomics Research in Interactions
PRISM
and Structure of Macromolecules

COMBINED SEMINAR SERIES

Department of Biochemistry, Microbiology & Immunology and PRISM Research Centre

Thursday November 26, 2026
11:30 am - 12:30 pm

HLTH GB06

Dr. Michael Norris, PhD

Assistant Professor Department of Biochemistry University of Toronto

"Paramyxovirus Assembly: A Blueprint for Broadly Active Pandemic Countermeasures"



Dr. Michael Norris is an Assistant Professor of Biochemistry at the University of Toronto, Director of the Temerty Faculty of Medicine Electron Microscopy Laboratory, and holder of the Joan Dixon and Joel Parkes Early Career Professorship in Biochemistry. He received the 2026 Canadian Society for Virology Early Career Researcher Award.

His laboratory combines structural biology and molecular virology to uncover how viruses assemble, enter cells, and cause infection. His research has revealed how viruses such as measles and Nipah exploit host cell membranes to build and release new infectious particles, exposing previously unrecognized vulnerabilities in the viral machinery. By targeting these conserved mechanisms, his team is developing a new generation of broad-spectrum antivirals designed to block viral assembly and combat emerging viral threats.

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