

NSERC CREATE
Technology-Enhanced Pharmaceutical
Discovery (TEPD)
Student Biography

Erica Iantorno, MSc., York University

Erica Iantorno completed her BSc at York University, earning a Specialized Honours Degree in Biomedical Sciences. She conducted undergraduate research under the supervision of Dr. Yi Sheng, where she investigated the mechanistic role of E3 ubiquitin ligase HUWE1 in the DNA damage response. She is currently an MSc candidate in the Department of Chemistry, working with the Wilson group and utilizing hydrogen-deuterium exchange mass spectrometry to investigate various protein systems, their conformational dynamics, and ligand interactions. Erica is interested in applying mass spectrometry to uncover the mechanisms of protein interactions and support advancements in drug development