

Laboratory Demonstrator Application Form 2025-2026

Applicant Name:	Student Number:
Email:	Phone Number:
Department:	Program: <input type="checkbox"/> Undergrad <input type="checkbox"/> MSc <input type="checkbox"/> MSc-ACP <input type="checkbox"/> PhD <input type="checkbox"/> Postdoc
Year in Program (as of September 2025):	Research Supervisor (if applicable):
Course Code of Position(s) applied for (please rank in order of preference):	
1. _____ 2. _____ 3. _____	
What is your background experience in Pharmacology and/or Toxicology? Please include relevant coursework.	
Which of the following techniques are you familiar with? Please check all that apply:	
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Cell culture techniques</div> <div style="width: 33%;"><input type="checkbox"/> Trypan Blue assay</div> <div style="width: 33%;"><input type="checkbox"/> MTS assay</div> <div style="width: 33%;"><input type="checkbox"/> Alamar Blue assay</div> <div style="width: 33%;"><input type="checkbox"/> DNA, protein and RNA isolation</div> <div style="width: 33%;"><input type="checkbox"/> Western blot</div> <div style="width: 33%;"><input type="checkbox"/> qPCR, PCR</div> <div style="width: 33%;"><input type="checkbox"/> Restriction enzyme digest</div> <div style="width: 33%;"><input type="checkbox"/> Flow cytometry</div> <div style="width: 33%;"><input type="checkbox"/> BRET assay</div> <div style="width: 33%;"><input type="checkbox"/> PDE activity assay</div> <div style="width: 33%;"><input type="checkbox"/> Liver microsomes preparation</div> <div style="width: 33%;"><input type="checkbox"/> HPLC Data analysis</div> <div style="width: 33%;"><input type="checkbox"/> Drug metabolism</div> <div style="width: 33%;"><input type="checkbox"/> Pharmacokinetics in mice and/or in human – data quantification by HPLC</div> <div style="width: 33%;"><input type="checkbox"/> Mouse handling: IP injection, saphenous vein bleeding, blood plasma processing</div> <div style="width: 33%;"><input type="checkbox"/> Human behavioural studies – questionnaire and battery of human behavioural tests</div> <div style="width: 33%;"><input type="checkbox"/> Behavioral testing in mice-locomotor activity and elevated plus maze</div> <div style="width: 33%;"><input type="checkbox"/> Genotyping</div> <div style="width: 33%;"><input type="checkbox"/> Statistical data analysis of human data</div> <div style="width: 33%;"><input type="checkbox"/> Other (please specify):</div> </div>	
Please submit the following documents in a single PDF file to: undergrad.pharmtox@utoronto.ca	
<input type="checkbox"/> Application Form <input type="checkbox"/> Cover Letter <input type="checkbox"/> Résumé / CV <input type="checkbox"/> Academic Transcripts (web printouts are acceptable)	