



Molecular Genetics  
UNIVERSITY OF TORONTO

**PHD SEMINAR**  
**MELISSA GENG**

PHD CANDIDATE,  
DEPARTMENT OF  
MOLECULAR GENETICS

**Targeting Mitochondrial Guanine  
Quadruplexes to Shift Heteroplasmy  
Therapeutically and Understanding the  
Downstream Mechanism of Berberine-  
Induced Heteroplasmy Shift**

**Thursday,  
February  
13th, 2025**

**1:00 PM**

**PGCRL Event  
Room 2 B  
(686 Bay St)**

**SUPERVISOR** Dr. Neal Sondheimer