

Building the Future

Research Trainee Day & Lecture Series

Thursday, March 19, 2026
 8:30 am - 4:30 pm
 Life Sciences Centre, UBC

PROGRAM AGENDA

MORNING

8:30 – 9:00	Registration & Breakfast <i>LSC West Atrium</i>
9:00 – 9:10	Land Acknowledgement & Welcome Address Dr. Susan Forwell <i>Associate Dean pro tem, Graduate and Postdoctoral Education Professor, Dept. of Occupational Science and Occupational Therapy, Faculty of Medicine LSC 1003</i>
9:10 – 9:15	Embedded Counselling Support for Graduate Student Wellbeing Dr. Elena Latushkina <i>Embedded Counsellor, Graduate and Postdoctoral Education, Faculty of Medicine LSC 1003</i>
9:15 – 10:45	Oral Presentations Session I: Biomedical Research (<i>LSC 1003</i>) Concurrent: Poster Session I (<i>LSC West Atrium</i>)
10:45 – 11:00	Coffee Break <i>LSC West Atrium</i>
11:00 – 12:30	Oral Presentations Session II: Clinical and Translational Research <i>LSC 1003</i>

AFTERNOON

12:30 – 14:00	Lunch & Poster Session II <i>LSC West Atrium</i>
14:00 – 15:30	Oral Presentations Session III: Population Health & Health Systems <i>LSC 1003</i>
15:30 – 15:45	Coffee Break <i>LSC West Atrium</i>

CLOSING PROGRAM

15:45 – 16:15	Keynote Lecture Dr. Yu (Seby) Chen <i>Postdoctoral Fellow, Michael Smith Health Research BC Research Trainee, Dept. of Biochemistry & Molecular Biology, UBC LSC 1003</i>
16:15 – 16:30	Award Presentations Dr. Susan Forwell <i>LSC 1003</i>

Wellness Booth at the Event

Stop by the Wellness Booth to learn more about [GPE Embedded Counselling](#), meet Embedded Counsellor **Dr. Elena Latushkina**, win some wellness prizes, and explore simple strategies to support your well-being during graduate school.



Spin the Wellness Wheel

Answer quick mental health questions and discover tips tailored to graduate life.



Graduate Student Mood Map

Add your emotion sticker to the map and see how your peers are feeling today.



Stress-Management Tips

Pick up practical, quick strategies to help you manage stress and build resilience during your studies.



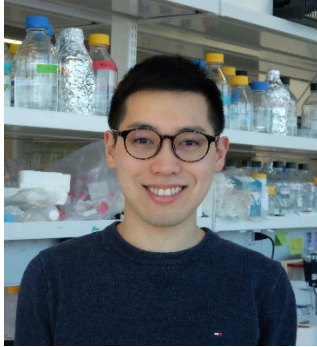
Take Home Wellness Prizes

Grab small wellness goodies like calm strips, sensory toys, and more to support your everyday well-being.

Come say hello, ask questions, and connect!



Keynote Speaker



Dr. Yu (Seby) Chen

*Van Petegem Lab, Department of Biochemistry & Molecular Biology
Faculty of Medicine, The University of British Columbia*

PRESENTATION TITLE

What AlphaFold Can't Tell Us: New Insights into Calcium Channel Structure and Function

ABOUT THE SPEAKER

Dr. Yu (Seby) Chen is a postdoctoral fellow in the Van Petegem lab in the Department of Biochemistry and Molecular Biology at the University of British Columbia.

He received his PhD in Biochemistry from McGill University, where he studied the structure and function of CNNM magnesium transporters, implicated in cancer and metal uptake disorders, using X-ray crystallography and biophysical techniques. His current research uses cryo-electron microscopy and electrophysiology to study ryanodine receptor calcium channels in skeletal and cardiac muscle and in the brain, focusing on how disease mutations and pharmacological modulators affect channel structure and function to inform therapies for neuromuscular, cardiac, and neurological disorders.

AWARDS & RECOGNITION

- Michael John Page Postdoctoral Fellow Award
- Michael Smith Health Research BC Research Trainee Award

SESSION I: BIOMEDICAL RESEARCH

LSC 1003 | 9:15 - 10:45

Session Moderator: Kimberly Wong, Phd Student, Biochemistry and Molecular biology

#	Presenter	Presentation Title
1	Razieh Banijamali <i>PhD Student</i> Supervisor: Dr. Honglin Luo	Mesenchymal Stem Cell-Derived Extracellular Vesicles as a Delivery Vehicle for Oncolytic Coxsackievirus B3 in Breast Cancer Treatment
2	Aubrey Tierney <i>Masters Student</i> Supervisor: Dr. Arun John Peter	Developing Ster-Track: a novel method to track sterol transport
3	Lisa Zhan <i>PhD Student</i> Supervisor: Dr. Kevin Bennewith	Radiation-Induced Vascular Modulation Enhances CAR-T Therapy in a Solid Tumour Model
4	Efthimios Kyriakis <i>Postdoctoral Fellow</i> Supervisor: Dr. David Fedida	Structural Basis of Allosteric Inhibition in KCNQ1
5	Graciella Rosellinny <i>Masters Student</i> Supervisor: Dr. Xuesen Dong	Safer and Smarter: Characterizing AI-Designed Non-Genotoxic TOP2 Inhibitors That Overcome Etoposide Resistance
6	Bea Liston <i>Masters Student</i> Supervisor: Dr. Elizabeth Rideout	Studying Sex Differences in Lipid Droplet Metabolism and Neurodegeneration Using <i>Drosophila melanogaster</i>
7	Maria Garcia Rivas <i>PhD Student</i> Supervisors: Dr. Gregor Reid & Dr. Philipp Lange	Infection-Mediated Protection Against B-cell Leukemia Development and its Potential to Treat Children
8	Jerry Leung <i>Postdoctoral Fellow</i> Supervisor: Dr. Pieter Cullis	On the influence of mRNA size and structure on lipid nanoparticle properties
9	Meredith Clark <i>PhD Student</i> Supervisor: Dr. Kevin Bennewith	Repurposing the antihypertensive drug telmisartan as a novel immunomodulatory adjuvant to enhance breast cancer immunotherapy
10	Willie Wu <i>Masters Student</i> Supervisor: Dr. Katey Enfield	Spatial Organization of the Tumor Microenvironment in Early-Stage Lung Cancer
11	Yao Zhang <i>PhD Student</i> Supervisors: Dr. Pieter Cullis & Dr. Sabrina Leslie	Increasing mRNA loading capacity of lipid nanoparticles
12	Amir Hosseini <i>Masters Student</i> Supervisors: Dr. Sonia Yeung & Dr. Joanne Matsubara	Increased Granzyme B+ Mast Cell Degranulation in Pterygium: Implications for Conjunctival Epithelial Cell Differentiation and Migration
13	Dr. Yaqi Zhang <i>Postdoctoral Fellow</i> Supervisor: Dr. Bruce Vallance	Intestinal TGR5-targeted carrier-drug conjugate improves glycemic control in mice and pigs

**SESSION II: CLINICAL AND TRANSLATIONAL RESEARCH**

LSC 1003 | 11:00 – 12:30

Session Moderator: Aeron Salac, MSc Student, Cell and Developmental Biology

#	Presenter	Presentation Title
1	Jacqueline Palik <i>Masters Student</i> Supervisor: Dr. Erik Pioro	Histopathologic Correlates of Ultra-High-Field MRI Abnormalities in Amyotrophic Lateral Sclerosis
2	Karan Parekh <i>PhD Student</i> Supervisor: Dr. Alexander Wyatt	PROTRACT: A randomized phase II trial comparing ctDNA-guided biomarker directed therapy vs patient/clinician's choice for metastatic castration resistant prostate cancer (mCRPC) progressing after abiraterone plus prednisone (AAP)
3	Pardis Shirkani <i>Masters Student</i> Supervisor: Dr. Cathie Garnis	Transcriptomic Drivers of Growth Behavior in Vestibular Schwannoma
4	Printha Wijesinghe <i>Postdoctoral Fellow</i> Supervisor: Dr. Joanne A. Matsubara	Can Tears Predict Alzheimer's Disease? Evidence from a Human Proof-of-Concept Study
5	Sahar Sattari <i>PhD Student</i> Supervisor: Dr. Lyndia Wu	Unsupervised Modeling of EEG State-Space Dynamics Reveals Latent Neural Profiles Related to Behavior
6	Arabella Helgason <i>Masters Student</i> Supervisor: Dr. Aline Talhouk	Vaginal self-sampling for endometrial cancer surveillance in Lynch syndrome carriers: A mixed-methods acceptability study
7	Simranjeet Kaur <i>PhD Student</i> Supervisor: Dr. Joseph Lau	Development of PET imaging agent targeting the neurotensin receptor 1 for pancreatic ductal adenocarcinoma (PDAC)
8	Uyanga Ganbat <i>PhD Student</i> Supervisor: Dr. Kenneth Madden	POCUS-derived quadriceps, gastrocnemius, biceps, and triceps muscle thicknesses for low appendicular muscle mass in older adults
9	Caia Fisher-Hulse <i>Masters Student</i> Supervisor: Dr. Souvik Mitra	A QI/QA Exploration of cPH TNEcho Screening and cPH Scoring Systems
10	Sheetal Pathania <i>PhD Student</i> Supervisor: Dr. Kuo-Shyan Lin	Synthesis and evaluation of ⁶⁸ Ga-labeled [D-Phe ⁶ , 1-aminocyclohexanecarboxylic acid ¹⁴] Bombesin(6-14) derivatives for PET imaging of GRPR-expressing cancer
11	Tsz Chun Matthew Leung <i>Masters Student</i> Supervisor: Dr. Silke Appel-Cresswell	Probiotic Treatment for Depression in Parkinson's Disease
12	Jalisa Karim <i>PhD Student</i> Supervisor: Dr. Gillian Hanley	Navigating Endometriosis Treatment Decisions with Future Pregnancy in Mind
13	Lea Farah <i>Masters Student</i> Supervisor: Dr. William Panenka	Dynamic Change in Depression and Psychosis as Risk Factors for Opioid Overdoses in a Precariously Housed Cohort



- 14 Rebeca Hernandez-Gamboa**
PhD Student
 Supervisor: Dr. Teresa Liu-Ambrose
- Single versus multidomain exercise interventions: a network meta-analysis of the effects on memory of older adults

SESSION III — POPULATION HEALTH & HEALTH SYSTEMS

LSC 1003 | 14:00 – 15:30

Session Moderator: Jacqueline Palik, MSc Student, Neuroscience

#	Presenter	Presentation Title
1	Enav Zusman <i>PhD Student</i> Supervisor: Dr. Wendy Norman	Pharmacists' Perspectives on Providing Contraceptive Implant Services
2	Liza Boyar <i>Postdoctoral Fellow</i> Supervisors: Dr. Louise Masse & Dr. Eva Oberle	Social connection and mental wellbeing among food insecure adolescents: a population-based study
3	Ijeoma Okedo-Alex <i>PhD Student</i> Supervisors: Dr. Veena Sriram & Dr. Annalee Yassi	From Healing to Hostage: Drivers and Impacts of Healthcare Worker Kidnappings in Nigeria
4	Rosalyn Carr <i>PhD Student</i> Supervisor: Dr. Matthias Gorges	Offering Return of Results as a Motivator for Research Participation: A Discrete Choice Experiment Survey
5	Fatemeh Khorami <i>Postdoctoral Fellow</i> Supervisor: Dr. Wendy Norman	Geographic Inequities in Medication Abortion Access: A Multinational Case- Control Study of Blood Transfusion Risk and Urgency
6	Xing Yu <i>PhD Student</i> Supervisor: Dr. Trevor Dummer	Unpacking Residential Mobility: Demographic and Health Factors Influencing Relocation in BC Generation Project
7	Sidney Hoolsema <i>Masters Student</i> Supervisor: Dr. Amanda Slaunwhite	A scoping review of the association between the built environment and overdose mortality
8	Foruzan Bahrami <i>PhD Student</i> Supervisor: Dr. Gillian Hanley	Effectiveness of Opportunistic Salpingectomy in Preventing Epithelial Ovarian Cancer: A Population-Based Study
9	Corneille Killy Ntihabose <i>PhD Student</i> Supervisor: Dr. Veena Sriram	Impact of Drone-Based Blood Delivery on Maternal Mortality Due to Postpartum Hemorrhage in Rwanda: Interrupted Time Series Analysis
10	Yidan Meng <i>PhD Student</i> Supervisors: Dr. Christopher Carlsten & Dr. Min Hyung Ryu	Genetic Susceptibility to Respiratory Health Effects from Ambient Air Pollution

**POSTER SESSION I**

LSC West Atrium | 9:15 - 10:45

#	Presenter	Poster Title
1	Marvin Wu <i>Masters Student</i> Supervisor: Dr. Ali Bashashati	Classification of EGFR Mutation Using Machine Learning Models with Multiple Data Modalities
2	Mathilde Wilhelmy <i>Masters Student</i> Supervisor: Dr. Genelle Lunken	Exploring gut microbiota and dietary contributors to elevated fecal calprotectin levels in infants of patients with inflammatory bowel disease: A pilot study
3	Andrea Wong Koo <i>PhD Student</i> Supervisors: Dr. Michael Krausz & Dr. Roberto Sassi	Concurrent psychiatric disorders in a cross-sectional fentanyl cohort: Integrated treatment gaps, psychosocial factors, and overdose/suicide risk outcomes
4	Hanna Frank <i>PhD Student</i> Supervisor: Dr. Ehsan Karim	Performance of Comorbidity Indices in Predicting Mortality in a Population-Based Multiple Sclerosis Cohort
5	Erica Chuang <i>PhD Student</i> Supervisor: Dr. David Patrick	Appropriateness of Physician Antibiotic Use in Community Care for Migrants in British Columbia, Canada – A Population-Based Study
6	Helen Shiyang Lu <i>Postdoctoral Fellow</i> Supervisor: Dr. Alexis Black	Finding words in two languages: How bilingual experience shapes infant word learning
7	Sam Kenston <i>PhD Student</i> Supervisor: Dr. Trevor Dummer	The Built Environment Impact on Adherence to Cancer Prevention Guidelines, Cancer Incidence, and Mortality in a Cohort of British Columbians
8	Alpamys Issanov <i>PhD Student</i> Supervisor: Dr. Trevor Dummer	Revisiting the Air Pollution–Lung Cancer Association by Smoking Status Using Longitudinal Exposure Data from the UK Biobank
9	Sahana Babu <i>Masters Student</i> Supervisor: Dr. Trevor Goodyear	Examining the Role and Impacts of Moralized Media Rhetoric on Involuntary Substance Use Treatment in Canada
10	Yola Switkowski <i>Masters Student</i> Supervisor: Dr. Maureen Ashe	Community connectors' experiences working with older adults living with cognitive impairment (CI) and their care partners: An interpretive description study
11	Ramlogan Sowamber <i>PhD Student</i> Supervisor: Dr. David Huntsman	The biological basis of contraceptive choice associated ovarian cancer risk
12	Anthony Wong <i>Postdoctoral Fellow</i> Supervisor: Dr. Fabio Rossi	Mapping and Enhancing mRNA Vaccine Delivery and Immune Activation for SARS-CoV-2
13	Mohamed Darwish <i>PhD Student</i> Supervisor: Dr. Khaled Abdelrahman	Positive Allosteric Modulation of M1 mAChR Improves Cerebral Blood Flow in a Mouse Model of Alzheimer's Disease



14	Marvin Bader <i>PhD Student</i> Supervisor: Dr. Filip Van Petegem	Structural Basis for the Modulation of Ryanodine Receptors by Scorpion Venom
15	Bob Lin <i>Masters Student</i> Supervisor: Dr. Honglin Luo	Characterizing SNX6 and ACBD3 in Coxsackievirus B3-Induced Non-Canonical Autophagy
16	Lauren Blume <i>Masters Student</i> Supervisor: Dr. Carol Chen	Investigating SETD2 germline mutations in contrasting neurodevelopmental syndromes
17	Fatemeh Asadinia <i>Masters Student</i> Supervisor: Dr. John Kramer	Screening for Axon Regeneration Promoters in Injured hiPSC-Derived Cortical Neurons
18	Nima Khalili Tanha <i>PhD Student</i> Supervisor: Dr. Kevin Bennewith	Nerves in the shadows: neural remodeling in hypoxic tumor
19	Aidan Gallant <i>Masters Student</i> Supervisor: Dr. Christopher Maxwell	Investigating the Effects of Acute BRCA1 Loss on Mammary Cell Dynamics
20	Emily Ye <i>Masters Student</i> Supervisor: Dr. Khaled Abdelrahman	Sex-dependent effects of an mGluR5 negative allosteric modulator on receptor expression and signalling in Alzheimer's disease models
21	Hesam Karimi <i>PhD Student</i> Supervisor: Dr. Honglin Luo	Lipid nanoparticle-based delivery of coxsackievirus B3 as a cancer vaccine for lung cancer therapy
22	Ava Momeni <i>PhD Student</i> Supervisor: Dr. Todd Woodward	Cognitive modes involved during theory of mind: A Human Connectome Project fMRI study
23	Caleb Sandle <i>Masters Student</i> Supervisor: Dr. Cathie Garnis	Extracellular Vesicles with miR-142-3p Drive CAF Subtype Activation in Oral Cancer
24	Brinnley Zanewich <i>Masters Student</i> Supervisor: Dr. Shoukat Dedhar	Targeting Hypoxic Adaptations to Overcome KRAS Inhibitor Resistance in Pancreatic Cancer
25	Erica Zeng <i>Masters Student</i> Supervisor: Dr. Todd Woodward	Cognitive Modes Detectable by Functional Magnetic Resonance Imaging During Working Memory
26	Solana Redway- Ziola <i>Masters Student</i> Supervisor: Dr. Todd Woodward	A Task-Based fMRI Double Dissociation of Language and Visual Feature Processing in the Midnight Scanning Club



POSTER SESSION II

LSC West Atrium | 12:30- 14:00

#	Presenter	Poster Title
1	Anguli Bharmota <i>Masters Student</i> Supervisor: Dr. Mariana Brussoni	The Role of Outdoor Activities in Supporting Mental Well-Being During Pediatric Leukemia Treatment: An Explorative Investigation
2	Rainie Fu <i>Masters Student</i> Supervisor: Dr. Ehsan Karim	Identifying MS Before Symptoms: A Risk Prediction Model Using Health Administrative Data
3	Katherine White <i>PhD Student</i> Supervisor: Dr. Michael Brauer	The impact of neighbourhood and household environment factors on indoor overheating: A mixed methods analysis of older adult households
4	Ty Sounthong <i>PhD Student</i> Supervisor: Dr. Devon Greyson	Pitting privacy against safety? Community and ethical perspectives on approaches to mpox vaccine surveillance in 2022-23
5	Imroze Goindval (Deol) <i>PhD Student</i> Supervisor: Dr. Brenda Poon	Beyond Cultural Competency: What Panjabi Community Organizations Reveal About Western Intellectual & Developmental Differences Hidden Political Economy
6	Sabrina Lloyd-Ellis <i>Masters Student</i> Supervisor: Dr. Gillian Hanley	Uptake of ovarian cancer risk-reducing medical interventions among female BRCA1/2 pathogenic variant carriers: a population-based study in British Columbia
7	Atul Aravindakshan <i>PhD Student</i> Supervisor: Dr. Trevor Dummer	The Built Environment and Bladder Cancer Risk
8	Kenneth Wong <i>Masters Student</i> Supervisor: Dr. John Kramer	Mapping brain reorganization in spinal cord injury: a network-based approach to understanding chronic pain and motor outcomes
9	Ragul Loganathan <i>Masters Student</i> Supervisor: Dr. Navid Shahnaz	Linking Extended High-Frequency Hearing Sensitivity to Speech-in-Noise Perception: A Bayesian Analysis of Predictive Hearing Thresholds
10	Shivani Mehta <i>Masters Student</i> Supervisor: Dr. Francis Lynn	Optimizing iPSC Reprogramming: A Pluripotency Marker-Driven Selection Strategy to Improve Scalability for Cell Therapy Manufacturing
11	Amir Rad <i>PhD Student</i> Supervisor: Dr. John Madden	Room Temperature Quantum Wearable Magnetometer for Continuous Non-Invasive Cardiac Monitoring
12	Isabella Martin <i>Masters Student</i> Supervisors: Dr. Carlos Uribe & Dr. Francois Benard	Impact of albumin binder 4-(4-methoxyphenyl) butyric acid on the spatial distribution of a PSMA targeting radiopharmaceutical: [225Ac]Ac-HTK03149 vs [225Ac]Ac-HTK03170
13	Una Spasovski <i>Masters Student</i> Supervisor: Dr. Souvik Mitra	Prophylactic Indomethacin in Micropreemies - A Retrospective Cohort Study



14	Jason Jincheng Fu <i>Masters Student</i> Supervisor: Dr. Calvin Kuo	Assessing Photoplethysmogram (PPG) Signal Quality Across Participant Groups and Settings
15	Catherine Park <i>Masters Student</i> Supervisor: Dr. Chinten James Lim	Investigating $\alpha 5$ integrin in central nervous system-involved pediatric leukemia
16	Daniella Liao <i>Masters Student</i> Supervisor: Dr. Katey Enfield	Exploring the Effects of Chemoradiotherapy on Immune Responses in Tumour-Draining Lymph Nodes of Non-Small Cell Lung Cancer
17	Nima Teymouri <i>Masters Student</i> Supervisor: Dr. Khaled Abdelrahman	Sex-Specific Astrocyte M1 Muscarinic Acetylcholine Receptor Signaling Induced by the M1 Positive Allosteric Modulator VU0486846
18	Zehua Shangguan <i>PhD Student</i> Supervisor: Dr. Filip Van Petegem	Structural and Functional Characterization of the Lipid-Binding Properties of Junctophilin
19	Prabhreet Sekhon <i>PhD Student</i> Supervisor: Dr. Kevin Bennewith	Friend or Foe: Understanding the role of Ly6C+ Monocytes in Therapeutic Resistance to Adoptive Cell Therapy
20	Katya Benard <i>Masters Student</i> Supervisor: Dr. Wan Lam	An Immune-Associated Transcriptional Program Links COPD to Lung Squamous Cell Carcinoma
21	Zhihan Wang <i>PhD Student</i> Supervisor: Dr. Honglin Luo	Unraveling the Genetic Factors Influencing Susceptibility and Resistance to Viral Myocarditis
22	Mehrdad Moosavi <i>Masters Student</i> Supervisor: Dr. Isabella Tai	Spatial remodeling of immune–epithelial niches along gastric tissue progression using Xenium in situ transcriptomics
23	Nathalie Longakit <i>PhD Student</i> Supervisor: Dr. Catherine Van Raamsdonk	Investigating Cell State Plasticity in Primary and Metastatic Uveal Melanoma
24	Neilan Tan <i>Masters Student</i> Supervisor: Dr. Jason Snyder	Early-life adversity during infantile amnesia alters anxiety-like behaviour in mice
25	Serena Chuang <i>PhD Student</i> Supervisor: Dr. William Lockwood	Exploring SHPRH's Tumour Suppressive Function in Lung Adenocarcinoma
26	Laura Paulus <i>Masters Student</i> Supervisor: Dr. Kevin Bennewith	Intermittent hypoxia is associated with the pro-metastatic amoeboid phenotype in breast cancer cells
27	Julia Brown <i>Masters Student</i> Supervisor: Dr. Sarah Hedtrich	Adenine Base Editors Effectively Correct Epidermolytic Ichthyosis Causing Mutations
28	Wesam Bassiouni Farag <i>Postdoctoral Fellow</i>	mGluR5 Negative Allosteric Modulation Reverses Tau-Mediated Pathological Changes in Cultured Astrocytes



Supervisor: Dr. Khaled Abd-Elrahman	
29 Behnam Panahi <i>PhD Student</i> Supervisor: Dr. Nozomu Yachie	Optimized 3D bioprinted atrial tissue model for studying atrial fibrillation and fibrosis
30 Elakkiya Prabakaran <i>Masters Student</i> Supervisor: Dr. Alexander G. Beristain	Defining SOX15 in Invasive Trophoblast Cell Development
31 Ivan Ristic <i>Masters Student</i> Supervisor: Dr. Shoukat Dedhar	Reigniting the immune response by targeting the hypoxia-induced metabolic landscape in pancreatic ductal adenocarcinoma (PDAC)
32 Jenny Zhao <i>PhD Student</i> Supervisor: Dr. Leandro Venturutti	TMEM30A loss-of-function mutations in B-cell lymphoma differentially impact B cell subsets and their functionalities
33 Joel Rivera <i>Masters Student</i> Supervisor: Dr. Lynn Raymond	Developmental Maturation and Integrity Cortical PV Interneurons in Huntington's disease
34 Shane Taylor <i>Postdoctoral Fellow</i> Supervisor: Dr. Stefan Taubert	Identification of NHR-49 post-translational modifications during stress
35 Katie Sew <i>Masters Student</i> Supervisor: Dr. William Lockwood	Investigating effectors of ERK hyperactivation mediated toxicity in lung adenocarcinoma
36 Rachel Yutong Jiang <i>Masters Student</i> Supervisor: Dr. Carolyn Brown	Examining the boundary between euchromatin and heterochromatin on the inactive X chromosome
37 Martin Wong <i>PhD Student</i> Supervisor: Dr. Matthew Lorincz	Safeguarding CpG Island Promoters: Cooperative Role of KMT2B & KDM4A/C Against Transposable Element-Mediated DNA Methylation Gain in Early Development