

Symposia	Theme	Start Time	Room	Name - First	Name - Last	Degree/Training	Supervisor(s):	Abstract Title
ORAL	Cancer	10:30	4109	Mohammad	Biglari	Resident/Clinical Fellow	Dr. Ana Lohmann	Association of circulating tumor cells with body mass index, body composition and blood biomarkers in patients with newly diagnosed metastatic breast cancer
ORAL	Cancer	10:40	4109	Laura	Orofiamma	Postdoctoral Fellow/Associate	Dr. Silvia Penuela	Metabolic regulation of Pannexin-1 as a therapeutic vulnerability in melanoma
ORAL	Cancer	10:50	4109	Fatemeh	Behjati	Postdoctoral Fellow/Associate	Drs. Parisa Shooshtari, Chris Pin	Interpretable variational autoencoder for integrating epigenetic and transcriptomic profiles in Pancreatic Cancer
ORAL	Cancer	11:00	4109	Sami	Ul Haq	Medical or Dental Student	Dr. Saman Maleki	FMT Remodels Plasma Metabolome and Microbiome to Distinguish Immunotherapy Responders in Melanoma and Kidney Cancer
ORAL	Cancer	11:10	4109	Alyssa	Wu	PhD Student	Dr. Shawn Li	STAT3 Orchestrates a Metabolic-Redox Program Essential for Cancer Cell Migration
ORAL	Cancer	11:20	4109	Yubing	Xia	MSc Student	Dr. Vanessa Dumeaux	Systemic B-cell Immune States Associate with Response to Trastuzumab-Based Neoadjuvant Therapy in HER2-Positive Breast Cancer
ORAL	Cardiovascular and Metabolic Disease	10:30	3120	Nouran	Al-Banaa	PhD Student	Dr. David A. Hess	Modulation of the human multipotent stromal cell secretome to attenuate hyperglycemia and insulinitis in autoimmune diabetes
ORAL	Cardiovascular and Metabolic Disease	10:40	3120	Megan	Lave	PhD Student	Dr. Stephen Renaud	Loss Of Osteopontin Improves Uterine Vascular Function In Hypertensive Pregnancy
ORAL	Cardiovascular and Metabolic Disease	10:50	3120	Kiera	Telesnicki	MSc Student	Dr. Bryan Heit	Targeting GATA2 and Associated Transcription Factors to Restore Macrophage Function and Combat Atherosclerosis
ORAL	Cardiovascular and Metabolic Disease	11:00	3120	Sahanah	Thirukumar	MSc Student	Drs. Tianqing Peng & Jin Zhang	Targeting Cardiac Necroptotic Cell Death in Diabetic Cardiomyopathy with Murine Cytomegalovirus M45
ORAL	Cardiovascular and Metabolic Disease	11:10	3120	Bavina	Thirunavukarasu	MSc Student	Drs. David Hill & Edith Arany	Pancreatic Beta-cell Plasticity: Trans- differentiation of Delta- to Beta-cells during Pregnancy
ORAL	Cardiovascular and Metabolic Disease	11:20	3120	Jessica	Twumasi Ankrah	PhD Student	Dr. Nica Borradaile	Eukaryotic elongation factor 1A1 (EEF1A1) regulates glycolytic enzyme expression and glycolytic flux
ORAL	Infection, Immunity, Immunometabolism	10:30	4110	Fatema	Abdullatif	PhD Student	Drs. Teklab Gebregiworgis & David Litchfield	¹ H NMR metabolic profiling of synovial fluid and serum from Osteoarthritis patients
ORAL	Infection, Immunity, Immunometabolism	10:40	4110	Yi-Han	Chen	PhD Student	Dr. Steven Kerfoot	Anti-myelin autoreactive B cells are selectively constrained by impaired BCR-driven activation, survival, and germinal center competitiveness
ORAL	Infection, Immunity, Immunometabolism	10:50	4110	Yan	Feng	PhD Student	Dr. Shawn S.C. Li	Characterization of mitochondrial dysfunction and oxidative stress in early PD-1 mediated T-cell suppression through phosphoproteomics
ORAL	Infection, Immunity, Immunometabolism	11:00	4110	Tahani	Jaafar	MSc Student	Dr. Bogumil Karas	Conjugation-mediated DNA delivery to the filamentous fungus <i>Ustilago maydis</i>
ORAL	Infection, Immunity, Immunometabolism	11:10	4110	Mark	Kwok	PhD Student	Dr. Bryan Heit	Identifying the Trafficking Pathway Mediating Newly Synthesized MHC II to the MHC II Loading Compartment in Professional Antigen-Presenting Cells

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ORAL	Infection, Immunity, Immunometabolism	11:20	4110	Amanuel	Samago	Postdoctoral Fellow/Associate	Dr. Jessica Wong	Effectiveness of Amaranth Grain Flat-bread Compared to Maize Bread for Iron Deficiency Anemia among Pregnant Women: Findings from a Cluster Randomized Controlled Trial in Southern Ethiopia
ORAL	Neuroscience, Brain Health, Mental Health	10:30	4106	Nastaran	Dabiran	Postdoctoral Fellow/Associate	Dr. Penny MacDonald	Bayesian Neural Network for Diagnosing Parkinson's Disease: Evidence of Sex-Dependent Separability in Neuroimaging Features
ORAL	Neuroscience, Brain Health, Mental Health	10:40	4106	Alice	Dong	MSc Student	Drs. Robyn Klein & Tallulah Andrews	SARS-CoV-2 infection leads to alterations in neuronal transcriptomic signatures within the hippocampi of adult mice
ORAL	Neuroscience, Brain Health, Mental Health	10:50	4106	Marwa	Idrissi	MSc Student	Dr. Steven Laviolette	Exploring the relationship between pre-existing anxiety levels and adolescent nicotine vapor-induced changes in brain and behaviour
ORAL	Neuroscience, Brain Health, Mental Health	11:00	4106	Tallulah	Nyland	MSc Student	Dr. Saptharishi Lalgudi Ganesan	Auditory Paradigm for Detection of Covert Consciousness in Children Unresponsive after Acquired Brain Injury
ORAL	Neuroscience, Brain Health, Mental Health	11:10	4106	Cadence	Opoka	PhD Student	Drs. Tim Bussey & Lisa Saksida	Depressive-like Behaviour In A Humanized Knock-in Mouse Model Of APOE, Amyloid, And Tau Is Sex- & APOE Allele-specific
ORAL	Neuroscience, Brain Health, Mental Health	11:20	4106	Isis	So	PhD Student	Dr. Elizabeth Finger	Longitudinal trajectories of neurodevelopmental and neurodegenerative outcomes in genetic frontotemporal degeneration