In vivo and in vitro seizure models.

MicroRNA-29 mediates Nf-κB, and Potetion of desmoids by induction of Nrf2 protects against ischemia reperfusion injury via the expression of PDGFβR signalling (Supervisor: Vivek Rao).

8:30 Andrea M. Covelli (SSTP): “Examining health-beliefs: Why mastectomy rates are on the rise” (Supervisor: Nancy N. Baxter, Frances C. Wright).

8:45 Spyridon Karadimas: “Early disruption of cervical propriospinal input onto the locomotor central pattern generator (CPG) underlies specific gait deficits in degenerative cervical myelopathy” (Supervisor: Michael G. Fehlings).

9:00 Karineh Kazazian (SSTP): “The prospronal protein polo-like kinase 4 (plk4) enhances cancer invasion” (Supervisor: Carol J. Swallow).

9:15 Mushriq Al-Jazrawe: “MicroRNA-29 mediates β-catenin induced proliferation of desmoid tumours via PDGFβR signalling” (Supervisor: Benjamin A. Alman).

9:30 E-Poster Judging – MaRS Centre Café & CR2 – Main Floor


Chair: Michael G. Fehlings, Vice Chair Research

Geoffrey Anderson, Professor, Chair in Health Management Strategies, Department of Health Policy, Management and Evaluation, Faculty of Medicine, University of Toronto

“Linking Broad and Deep Data to Create the Infrastructure for Discovery Research”

Nancy Baxter, Colorectal & General Surgeon, St. Michael’s Hospital; Associate Professor, Department of Surgery, University of Toronto

“Title”

Steven Gallinger, Head, Hepatobiliary/Pancreatic Surgical Oncology Program; Head, PanCuRx, Translational Initiative in Pancreas Cancer, OICR; Professor of Surgery, University of Toronto

“Big Data in Cancer Genetics Research - It Isn’t Easy, but it’s Worth It”

Avery B. Nathens, Surgeon-in-Chief, Sunnybrook Health Sciences Centre; DeSouza Chair in Trauma Research; Professor of Surgery, University of Toronto

“From Crashes to Care to Prevention: Tales of Big Data in Injury Control”

12:00 pm Lunch and Poster Viewing

1:05 GORDON MURRAY LECTURE: Dr. Clifford Ko (Professor of Surgery, UCLA School of Medicine; Director, Division of Research and Optimal Patient Care, American College of Surgeons, Los Angeles, CA, USA)

Dr. Clifford Ko
Professor of Surgery,
UCLA School of Medicine;
Director, Division of Research and Optimal Patient Care, American College of Surgeons, Los Angeles, CA, USA

Siba Haykal, Nadeem Moghal, Stefan O. Hofer, Thomas K. Waddell: Native trachea. The goal of tracheal tissue-engineering and transplantation is to create a native trachea with a pseudostratified ciliated epithelium (Beta-tubulin- Alexa Fluor 568 (red)) and basal cells (Keratin 14- FITC (green)). All nucleated cells are stained with DAPI (blue).

David W. Cadotte, Michael G. Fehlings: High resolution T2-weighted imaging of the human spinal cord revealed substantial anatomical variation across subjects. Multi-parametric spinal cord imaging is now being used as a biomarker to delineate micro-structural and functional changes after spinal cord injury.