

2016 KREMBIL RESEARCH DAY

Wednesday, May 18, 2016

89 Chestnut Street, Toronto

AGENDA

- 8:00 – 9:00 AM** **REGISTRATION, BREAKFAST AND POSTER SET-UP – COLONY BALLROOM**
- 9:00 – 9:05 AM** **OPENING REMARKS – DR. CHRISTOPHER PAIGE, EXECUTIVE VICE PRESIDENT, SCIENCE AND RESEARCH**
- 9:05 – 9:15 AM** **OPENING CEREMONIES – DR. DONALD WEAVER, DIRECTOR, KREMBIL RESEARCH INSTITUTE**
- 9:15 – 11:00 AM** **ORAL SESSION I – CHAIR: DR. JOAN WITHER**
- (9:15 - 9:30) **Dr. Eugenia Kumacheva** MICROFLUIDIC PLATFORMS FOR CELL BIOLOGY AND MEDICINE
Department of Chemistry
- (9:30 - 9:45) **Kieran Manion** CONGENIC LUPUS-PRONE MICE MAINTAIN TOLERANCE IN THE vk8/3H9 MODEL OF ANERGY
PI: Dr. Joan Wither
- (9:45 - 10:00) **Laureen Hachem** GLUTAMATE INCREASES SURVIVAL AND PROLIFERATION AND ATTENUATES OXIDATIVE STRESS-INDUCED CELL DEATH IN ADULT SPINAL CORD-DERIVED NEURAL STEM/PROGENITOR CELLS VIA NON-NMDA IONOTROPIC GLUTAMATE RECEPTORS
PI: Dr. Charles Tator
- (10:00 - 10:15) **Jorge Medina-Rosas** DIAGNOSTIC AND SCREENING ACCURACY OF SPOT URINARY PROTEIN / CREATININE RATION COMPARED TO PROTEIN CONTENT IN A 24 HOUR-URINE COLLECTION IN SYSTEMIC LUPUS ERYTHEMATOSUS: SYSTEMATIC REVIEW AND META-ANALYSIS
PI: Dr. Zahi Touma
- (10:15 - 10:30) **Dene Ringuette** MULTI-MODAL IN VIVO IMAGING OF BRAIN BLOOD OXYGENATION, BLOOD FLOW AND INTRACELLULAR CALCIUM DYNAMICS DURING ACUTE SEIZURES AND PHARMACOLOGICAL INTERVENTION
PI: Dr. Peter Carlen
- (10:30 - 10:45) **Alex Barnett** NETWORK INTEGRATION OF THE ANTERIOR AND POSTERIOR HIPPOCAMPUS IN PATIENTS WITH TEMPORAL LOBE EPILEPSY
PI: Dr. Mary Pat McAndrews
- (10:45 - 11:00) **Vidya Ranganathan** MACROPHAGE MIGRATION INHIBITORY FACTOR INDUCES INFLAMMATION AND PREDICTS SPINAL PROGRESSION IN ANKYLOSING SPONDYLITIS
PI: Dr. Nigil Haroon
- 11:00 – 12:00 PM** **POSTER VIEWING & JUDGING**
COFFEE BREAK
- 12:00 – 1:00 PM** **LUNCH**
- 1:00 – 2:15 PM** **ORAL SESSION II – CHAIR: DR. BILL HUTCHISON**
- (1:00 - 1:15) **Dr. Aaron Wheeler** TIME-RESOLVED PHOSPHORYLATION DYNAMICS IN SINGLE CELLS
Department of Chemistry
- (1:15 - 1:30) **Alexander Guet-McCreight** PREDICTING CELL-TYPE SPECIFIC ACTIVE PROPERTIES BY DEVELOPING MULTI-COMPARTMENT MODELS USING DATABASES AND ELECTROPHYSIOLOGICAL FEATURE CONSTRAINTS: APPLICATION TO INTERNEURON SPECIFIC 3 (IS3) CELLS IN THE HIPPOCAMPUS
PI: Dr. Frances Skinner
- (1:30 - 1:45) **Poulami Datta** IDENTIFICATION AND CONTRIBUTION OF DIET-INDUCED METABOLIC CHANGES TO THE PATHOGENESIS OF OSTEOARTHRITIS (OA)
PI: Dr. Mohit Kapoor
- (1:45 - 2:00) **Mathew Got** TREATING PSORIATIC ARTHRITIS (PSA) TO TARGET: DEFINING PSORIATIC ARTHRITIS DISEASE ACTIVITY SCORE (PASDAS) THAT REFLECTS HIGH, MODERATE & LOW DISEASE ACTIVITY AS WELL AS MINIMAL DISEASE ACTIVITY (MDA) IN PSA
PI: Dr. Vinod Chandran
- (2:00 - 2:15) **Lindsay Tetreault** OPTIMIZING MANAGEMENT IN PATIENTS WITH DEGENERATIVE CERVICAL MYELOPATHY: FROM EVIDENCE SYNTHESIS TO GUIDELINES DEVELOPMENT AND KNOWLEDGE TRANSLATION
PI: Dr. Michael Fehlings
- 2:15 – 3:15 PM** **KEYNOTE SPEAKER: DR. BETTY DIAMOND, MD**
INVESTIGATOR & HEAD, CENTRE FOR AUTOIMMUNE AND MUSCULOSKELETAL DISEASES
THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH
“ANTIBODIES AND THE BRAIN”
- 3:30 – 4:00 PM** **AWARDS**
PRESENTED BY: DR. FRANCES SKINNER, CHAIR, TAC & DR. DONALD WEAVER, DIRECTOR, KREMBIL RESEARCH INSTITUTE
- 4:00 PM** **RECEPTION – LOMBARD SUITE**