



Charles Sorbie Department of Surgery Research Day
A Department of Surgery CME Event

Friday, April 21, 2023

Grandview Room Delta Hotels Kingston Waterfront

1 Johnson Street, Kingston, Ontario K7L 5H7, Canada

OBJECTIVES: This program will provide participants with an opportunity to enhance surgical research by familiarizing themselves with the research activities of others within the Department of Surgery at Queen's University. This will also provide research mentorship for our surgical residents. Guest speakers will review the role of research in surgical education and the influence on industry.

PLANNING COMMITTEE: Dr. John Rudan - Chair of Planning Committee, Dr. Parham Daneshvar, Research Coordinator for Orthopaedic Surgery, Dr. Sulaiman Nanji, Research Coordinator for General Surgery

AGENDA:

8:30 INTRODUCTIONS & WELCOME

Dr. Ross Walker, Head, Department of Surgery

Moderator - Dr. Glykeria Martou

8:45 "Endovascular Aneurysm Repair Has Changed the Training Paradigm of Vascular Surgery Trainees"

Dr. M. Yacob

9:00 "An Examination of Equity-Related Experiences of Surgical Trainees at Academic Centers across Ontario"

Dr. A. Winthrop

9:15 "National MSK Objectives - A Consensus Statement"

Dr. S. Mann

9:30 "Differentiation and cell cycle exit are locked through feedback regulation of Ezh2 and Cyclin D1"

Dr. J. Purzner

9:45 "Delayed vs. Immediate Laparoscopic Appendectomy (DELAY) for Acute Appendicitis: A Randomized Controlled Trial"

Dr. S. Patel

10:00 BREAK

10:15 "High and Low Tech Innovations and Quality Improvement in Hospital Length of Stay"

Dr. D. Yen

10:30 "Dementia and Hearing Loss: A Population-Based Study"

Dr. J. Beyea

10:45 GUEST SPEAKER – Introduction; Dr. John Rudan

"AI and AR in Healthcare: The Path from Intelligence Augmentation to Artificial Intelligence"

Dr. Nassir Navab

11:45 Presentation of the John Rudan Resident Award for Excellence, Resident Clerkship Award and Faculty Clerkship Award

Dr. Ross Walker

12:00 LUNCH

Moderator - Dr. Diederick Jalink

1:00 “Characteristics of Opioid Providers for Patients Undergoing Same Day Breast Surgery in Ontario, Canada”

Dr. S. Merchant

1:15 “Focused Ultrasound and Microbubble Mediated Effects on Breast Cancer Metastases in the Brain”

Dr. R. Alkins

1:30 “Retraction Speed and Chronic Post-Sternotomy Pain Following Coronary Artery Bypass Graft Surgery: A Randomized Controlled Trial”

Dr. D. Petsikas

1:45 “Effects Of Parameter Settings and Chronic Pain on Paresthesia Thresholds in Spinal Cord Stimulator Patients”

Dr. R. Levy

2:00 “Exploring New Regulatory Pathways in Peripheral Nerve Regeneration: The Erbb Family of Receptor Tyrosine Kinases and EGFR”

Dr. M. Hendry

2:15 “Glenoid Baseplate Maximum Micromotion in Reverse Shoulder Arthroplasty is affected by Central Fixation Element Type and Length”

Dr. R. Bicknell

2:30 BREAK

2:45 “Neuroimaging of Repetitive Subconcussive Injury”

Dr. DJ. Cook

3:00 “Intra-operative Margin Assessment by REIMS during Breast Cancer Surgery and Validation Using a Spatio-Temporal Navigated Cautery and Histopathology”

Dr. R. Walker

3:15 “Quality of narrative feedback provided by faculty and resident assessors for Entrustable Professional Activities: analysis of 4 years of assessments in the Surgical Foundations curriculum at Queen’s University”

Dr. B. Zevin

3:30 “The Queen’s Global Surgery Program: Current Initiatives and Future Directions”

Dr. S. Nanji

3:50 Closing Remarks

Dr. John Rudan, Director of Research, Department of Surgery

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada, approved by Queen's University Office of CPD. You may claim a maximum of 5.5 hours (credits automatically calculated).