



Thursday October 21, 2021

9 am – 3:30 pm

Virtual Conference

9:00-9:05am **Welcome** – Raghavan Murugan, MD, MS

Session 1 – Scientific Presentations

9:05-9:07 Introduction: Fadi Lakkis, MD

9:07-9:22 Preoperative Blood Pressure and Delayed Graft Function after Kidney Transplantation
Chethan Puttarajappa, MD, MS

9:22-9:37 Clinical Decision Support for Drug Associated AKI
Sandra Kane-Gill, PharmD, MS

9:37-9:52 Manipulating Fatty Acid Oxidation to Protect Against Acute Kidney Injury
Sunder Sims-Lucas, PhD

9:52-10:07 The Effect of Therapeutic Plasma Exchange on Kidney Outcomes in Pediatric Patients Requiring CKRT
Dana Fuhrman, DO, MS

10:07-10:22 B cell Cytokines and Renal Transplant Rejection
Aravind Cherukuri, MBBS, PhD, MRCP

10:22-10:32 Discussion/Q&A Moderator: Fadi Lakkis, MD

Session 2 – Abstract Presentations by Junior Investigators

10:32-10:34 Introduction: Carl Bates, MD

10:34-10:44 Chronic subclinical DNA damage in the kidney tubular epithelial cells leads to CKD
Merlin Airik, PhD

10:44-10:54 Kidney tubular AMP-activated protein kinase (AMPK) activation is protective against sepsis-associated acute kidney injury
Juan Toro, MD

10:54-11:04 Requirement for antigen in the maintenance of resident memory T cells in chronic renal allograft rejection
Roger Tieu, medical student

11:04-11:14 Causal Association of Net Ultrafiltration Rate with Survival in Critically Ill Patients
Rahul Bollam, MD

11:14-11:24 Dietary supplementation protects mice from AKI via decreased energy pathways
Anne Barbosa, PhD

11:24-11:34 Discussion/Q&A Moderator: Carl Bates, MD

11:34-12:00 **Abstract Voting/Lunch Break**

Session 3 – Keynote Speakers

- 12:00-12:05 Introduction of Azra Bihorac, MD, MS by Raghavan Murugan, MD, MS
- 12:05-12:35 **Keynote Address: Perioperative Acute Kidney Injury**
*Azra Bihorac, MD, MS, R. Glen Davis Professor of Medicine, Surgery and Anesthesiology
University of Florida*
- 12:35-12:45 Q&A Moderator: Raghavan Murugan, MD, MS
- 12:45-12:50 Introduction of Sylvie Breton, PhD by Thomas Kleyman, MD
- 12:50–1:20 **Keynote Address: Role of intercalated cells in renal inflammation and ischemic Acute Kidney Injury**
*Sylvie Breton, PhD, Université Laval; Professor of Medicine,
Canada Research Chair in Epithelial Dynamics of Kidney and Reproductive Organs,
Department of Obstetrics and Gynecology, Quebec City, Canada
Emeritus Professor, Harvard Medical School*
- 1:20-1:30 Q&A Moderator: Thomas Kleyman, MD
- 1:30-1:35 **Announcement of Abstract Awards:** Raghavan Murugan, MD, MS

Session 4 – Scientific Presentations

- 1:35-1:37 Introduction: Fadi Lakkis, MD
- 1:37-1:52 Kidney Precision Medicine Project Update
Paul Palevsky, MD
- 1:52-2:07 Cell-free plasma hemoglobin and renal injury in extracorporeal therapy
Nahmah Kim-Campbell, MD, MS
- 2:07-2:22 Non-septic Acute Kidney Injury and De Novo Sepsis in Critically Ill Children
Cassandra Formeck, MD, MS
- 2:22-2:37 Harnessing Remote Ischemic Preconditioning as a Preventive Therapy for Contrast-associated Acute Kidney Injury
Oladipupo Olafiranye, MD
- 2:37-2:47 Discussion/Q&A Moderator: Carl Bates, MD

Session 5 – COVID-19

- 2:47-2:49 Introduction: Thomas Kleyman, MD
- 2:49-2:59 COVID-19 Update
Graham Snyder, MD, MS
- 2:59-3:09 REMAP-CAP: COVID
David Huang, MD, MSc
- 3:09-3:19 COVID-19 Vaccine Update
Paul Duprex, PhD
- 3:19-3:30 Panel Discussion & Q&A / Moderator: Thomas Kleyman, MD
- 3:30 **Close Symposium:** Raghavan Murugan, MD, MS