41st VICENZA COURSE

AKI & CRRT
June 12-14, 2023

VICC - Convention Centre
Vicenza, Italy

SCIENTIFIC PROGRAM

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IRRIV - International Renal Research Institute Vicenza
www.irriv.com
PLENARY ROOM GIOTTO
Joint session SIN – IRRIV for young investigators
Chairs: S. Bianchi - V. Cantaluppi
14.30: Selected Poster Oral Presentation
Poster 1 to 8 (5 minutes each poster)

ROOM GIOTTO: GENDER ISSUES IN AKI
Chairs: M. Ostermann - A. Brendolan
15.30 Sex gender and science  D. Soranno
15.50 The effects of sex and gender in AKI  N. Pannu
16.10 Sex protective pathways in AKI  E. See
16.30 Discussion

ROOM TIZIANO a: EVOLUTION IN AKI
DIAGNOSIS
Chairs: L. Forni - M. Plebani
15.30 Role of frequent creatinine measurement  R. Bellomo
15.50 Role of biomarkers beyond creatinine in AKI  P. Murray
16.10 Urinary pO2 monitoring  R. Bellomo
16.30 Discussion

ROOM TIZIANO a: EVOLUTION IN AKI
MONITORING AND INTERVENTION
Chairs: K. Kashani - A. Zarbock
16.50 Multitorgan POCUS in AKI  G. Romero Gonzalez
17.10 Instant GFR measurement in AKI  S. Goldstein
17.30 Importance of Nephrology Rapid Response Team  L. M. Rizo Topete
17.50 Discussion

ROOM TIZIANO b: BASICS of CRRT
Chairs: G. Villa - S. De Rosa
15.30 Evolution of membranes and machines  C. Ronco
15.50 Diffusion, convection, adsorption  W. Clark
16.10 Indications, prescription and monitoring  T. Rimmelé
16.30 Discussion

ROOM TIZIANO b: CRRT IN PRACTICE
Joint session University of Alabama/IRRIV
Chairs: Z. Ricci - R. Mehta
16.50 Anticoagulation in CRRT  A. Tolwani
17.10 Technical and clinical complications  T. Reis
17.30 Quality measures in CRRT  J. Neyra
17.50 Discussion

ROOM GIOTTO: GENDER ISSUES IN CRITICAL CARE NEPHROLOGY
Chairs: M. Marengo - E. See
16.50 AKI in pregnancy and the use of biomarkers in the diagnosis of preeclampsia  G. Ankawi
17.10 Gender specific AKI treatment issues  M. Ostermann
17.30 Open gender specific problems in critical care nephrology  S. Samoni
17.50 Discussion

18.00 45’ Industry-Sponsored Session

ROOM GIOTTO
19.00 Opening Ceremony
**ROOM GIOTTO: Meet the pioneer**
9.00: Interview to prof. Ravindra Mehta and Rinaldo Bellomo: “CRRT and Critical Care Nephrology from the beginning”

**ROOM GIOTTO: EXTRACORPOREAL TREATMENT IN SEPSIS**
Chairs: D. Soranno - S. Goldstein
9.50 The Hector Wong Memorial Lecture on Sepsis-Associated AKI  R. Basu
10.20 Extracorporeal blood purification in Sepsis  R. Belloma
10.50 Discussion

**ROOM GIOTTO: Joint session University of Virginia/IRRIV**
Chairs: M. Rosner - D. Fuhrman
11.20 Acute kidney injury in the patient undergoing stem cell transplantation  A. Renahgan
11.40 Acute kidney injury in the pregnant patient  D. Knicely
12.00 Point-of-care ultrasound in the critically ill patient  A. Kumar
12.20 Why we need a better measure of kidney function: Chemotherapy dosing and estimated GFR  M. Rosner
12.50 Discussion

**ROOM GIOTTO: Joint session University of Alberta/IRRIV**
Chairs: J. Prowle - R. Mehta
11.20 AKI Diagnostics and Biomarkers  N. Pannu
11.50 AKI Diagnostics and Biomarkers  J. Kellum
12.00 Kidney Outcomes in the international REMAP-CAP Platform Trial  O. Rewa
12.20 Impact of acute RRT on long-term risk of ESKD for patients with baseline CKD  S. Bagshaw
12.50 Discussion

11.00—11.20 COFFEE BREAK

13.00—13.30 LUNCH BREAK

**ROOM GIOTTO: Pediatric AKI**
Joint session CCHMC/IRRIV
Chairs: S. Goldstein - R. Basu
15.00 AKI to CKD, Moving Beyond Standard Measures of Kidney Function  D. Cooper
15.20 Intraoperative Strategies to Reduce CS-AKI: Research Translating into Practice  D. Morales
15.40 Advances in Pediatric Acute RRT  T. Neumoyr
16.00 Advances in Pediatric hemadsorption  Z. Ricci
16.20 Discussion

**ROOM GIOTTO: Critical Care Nephrology Practice Patterns**
Chairs: S. Bagshaw - L. Forni
16.30 Regional practice variation in RRT: the lessons of STARTT AKI  R. Bellomo
16.50 Registries of extracorporeal therapies in AKI and Sepsis  G. Villa and S. De Rasa
17.10 Results from South-Eastern Europe Registry for Hemoperfusion of COVID-19 ICU Patients (HERICC)  V. Premužić
17.30 Discussion

**ROOM GIOTTO: Joint session University of Alberta/IRRIV**
Chairs: S. Bagshaw - N. Pannu
9.50 What are the 100 Highest Impact Papers in Critical Care Nephrology?  S. Bagshaw
10.05 AKI in acute decompensated liver failure  C. Karvellas
10.20 Strategies for post-AKI care  N. Pannu
10.35 Critical Care Nephrology in Conflict Zones  O. Rewa
10.50 Discussion

**ROOM TIZIANO: CURRENT ISSUES IN CCN**
Joint session University of Alberta/IRRIV
Chairs: M. Ostermann - H. Gomez
9.50: ADQI XXII – AKI quality improvement  S. Bagshaw
9.50: ADQI XX/XXIV – AKI in Cardiovascular and general surgery  J. Prowle
10.20: ADQI XXI – Lung-kidney interactions  M. Joannidis
12.50 Discussion

**ROOM TIZIANO: Joint session UPMC/IRRIV**
15.40 Ex Vivo Lung Perfusion: Clinical Results  D. Morales
15.20 The Impact of Therapeutic Plasma Exchange in Children with Thrombocytopenic AKI  D. Fuhrman
15.00 The role of nephrologist in non-nephrological indications for therapeutic plasma exchange  V. Premužić
11.40 Sex and Gender Differences in Rates of AKI and Use of RRT?  C. Karvellas
12.00 Kidney Outcomes in the international REMAP-CAP Platform Trial  O. Rewa
12.20 Impact of acute RRT on long-term risk of ESKD for patients with baseline CKD  S. Bagshaw
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**ROOM TIZIANO: Joint session UPMC/IRRIV**
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11.50 AKI Diagnostics and Biomarkers  J. Kellum
12.20 ADQI XXV – AKI in COVID-19  M. Ostermann
12.50 Discussion

13.00 – 15.00 SPONSORED SESSIONS

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12.50 Discussion

**ROOM TIZIANO: Joint session University of Melbourne/IRRIV**
Chairs: I. Baldwin - R. Murugan
15.00 The renin angiotensin system in critical illness  R. Bellomo
15.20 Changes in intravascular volume and cardiac output during RRT  I. Baldwin
15.40 Novel therapeutic approaches in cardio-renal medicine  A. Whaley Connell
16.00 AKI follow-up after discharge  E. See
16.20 Discussion

**ROOM TIZIANO: Joint session UPMC/IRRIV**
15.00 Contemporary Classification of Drug-induced Kidney Disease  S. Kane-Gill
15.40 Metformin as a potential therapeutic strategy for AKI in sepsis  H. Gomez
15.20 The Impact of Therapeutic Plasma Exchange in Children with Thrombocytopenic AKI  D. Fuhrman
15.40 Ex Vivo Lung Perfusion: Clinical Results  V. Premužić
16.00 Machine perfusion of kidney grafts  P. Malvezzi
16.20 Discussion

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17.45 SPONSORED SESSIONS
ROOM GIOTTO: TRIALS IN CRITICAL CARE NEPHROLOGY

Chairs: R. Bellomo - M. Ostermann

9.50 End points of Randomized controlled trials in Critical Care Nephrology
L. Forni

10.20 How to select adequate end points for clinical trials in extracorporeal blood purification
S. Bagshaw

10.50 Discussion

ROOM GIOTTO: NEW INSIGHTS IN SEPSIS

Chairs: H. Gomez - M. Rosner

9.50 Bacterial Quorum Sensing and Extracellular Vesicles: new PAMPs & DAMPs in Sepsis-associated AKI
V. Cantaluppi

10.20 Target molecules for hemoadsorption in Sepsis-associated AKI: endotoxin and beyond
J. Kellum

10.50 Discussion

ROOM GIOTTO: USE YOUR RESOURCES: TECH, TELE, AND TEAMS TO ASSIST THE NEPHROLOGIST WITH AKI

Joint session Mayo Clinic/IRRIV

Chairs: G. Ankawi - TBD

11.20 Sniffing Out AKI: Digital Health Solutions for Detection and Triaging
K. Kashani

11.50 ZOOM In on Tele-Nephrology for AKI and Beyond
A. Kattah

12.20 It Takes a Village: Rallying Other Team Members to Support AKI Care
E. Barreto

12.50 Discussion

ROOM GIOTTO: ORGAN TRANSPLANTATION

Chairs: G. Castellano - S. Kane-Gill

15.00 AKI in renal and non-renal solid organ transplantation
V. Cantaluppi

15.20 Inflammatory mediators and organ damage
L. Gesualdo

15.40 Artificial liver support as a bridge to liver Transplant
T. Reis

16.00 Organ Perfusion: A real Breakthrough for organ Availability
G. Lurje

16.20 Discussion

ROOM GIOTTO: TBD

Chairs: TBD

17.30 Discussion