

## Joined Session IRRIV - SIN | Room Giotto

12.30 | 14.00 Selected Poster Presentation - *Chairmen: G. Brunori | L. Gesualdo*

### AKI Path | Room Giotto

#### SESSION 1 | AKI in Different Settings

*Chairmen: J. Kellum | M. Joannidis*

14.30 AKI as a worldwide burden	<i>R. L. Mehta</i>
14.50 AKI in Cardiac Surgery	<i>A. Zarbock</i>
15.10 AKI in sepsis	<i>R. Bellomo</i>
15.30 AKI in ICU	<i>M. Joannidis</i>
15.50 AKI from Lab perspective	<i>K. Kashani</i>
16.10 Endophenotypes of AKI	<i>J. Kellum</i>
16.30 AKI in Onco-hematology	<i>M. Rosner</i>
16.50 Discussion	
17.10 ADJOURN	

### CRRT Path | Room Tiziano

#### SESSION 1 | Basics of CRRT

*Chairmen: A. Tolwani | W. Clark*

14.30 Evolution of CRRT devices and machines	<i>C. Ronco</i>
14.50 Vascular Access for CRRT	<i>Z. Ricci</i>
15.10 Anticoagulation in CRRT	<i>A. Tolwani</i>
15.30 Mechanisms of solute and water transport	<i>C. Ronco</i>
15.50 Membranes for CRRT	<i>W. Clark</i>
16.10 CRRT Modalities	<i>T. Rimmelé</i>
16.30 CRRT fluid balance and composition	<i>R. Bellomo</i>
16.50 Discussion	
17.10 ADJOURN	

### Room Palladio

18.30 Opening Ceremony	
18.45 International Vicenza Award	
19.00 The University of Padova across the centuries	<i>A. Paccagnella</i>
19.30 Welcome Reception	

### AKI Path | Room Giotto

#### SESSION 2 | UVA - IRRIV session: AKI in Transplant & Cancer

*Chairmen: M. Rosner | F. Fabris*

08.10 AKI in the Late Post-Transplant Period	<i>A. Doyle</i>
08.30 AKI in the Early Post-Transplant Period	<i>K. Warburton</i>
08.50 AKI in the Cancer Patient	<i>M. Rosner</i>
09.10 Peritoneal Dialysis in the Patient with AKI	<i>S. Khan</i>
09.30 Discussion	
09.40 BREAK	

#### SESSION 3 | KDIGO-IRRIV Session: KDIGO Guidelines and Controversies

*Chairmen: L. Forni | J. Kellum*

10.00 What's changed since the last KDIGO AKI guideline?	<i>M. Ostermann</i>
10.15 Diagnostic and nomenclature controversies	<i>K. Kashani</i>
10.30 Fluids and drugs	<i>J. Prowle</i>
10.45 RRT Controversies	<i>R. Bellomo</i>
11.00 What's next?	<i>J. Kellum</i>
11.20 Discussion	

### CRRT Path | Room Tiziano

#### SESSION 2 | Clinical Aspects of CRRT

*Chairmen: S. Bagshaw | V. Cantaluppi*

08.10 When and how I prescribe CRRT	<i>R. L. Mehta</i>
08.30 Initiation and discontinuation of CRRT	<i>S. Bagshaw</i>
08.50 Quality indicators in CRRT	<i>C. Ronco</i>
09.10 Clotting or bleeding what is worse?	<i>R. Bellomo</i>
09.30 Discussion	
09.40 BREAK	

#### SESSION 3 | Practical Management of CRRT

*Chairmen: S. De Rosa | G. Villa*

10.00 CRRT: what are the unsolved issues?	<i>S. Bagshaw</i>
10.20 Acid Base and Electrolyte correction	<i>P. Honoré</i>
10.40 Choice of CRRT modality	<i>S. Romagnoli</i>
11.00 Convection or diffusion? The evidence	<i>Z. Ricci</i>
11.20 Discussion	

### Meet the Experts Path | Room Canova

10.00 When and How to prescribe RRT in AKI	<i>R. L. Mehta &amp; A. Zarbock</i>
10.45 Diagnosing and managing aHUS and kidney complications	<i>F. Fabris &amp; D. J. Askenazi</i>

### Room Canova

11.30 Industry-Sponsored Symposium 1

### Room Giotto

11.30 Industry-Sponsored Symposium 1

### Room Tiziano

11.30 Industry-Sponsored Symposium 1

13.00 LUNCH

### AKI Path | Room Giotto

#### SESSION 4 | ADQI - IRRIV session: Quality Measures and Prevention in AKI

*Chairmen: A. Pani | K. Kashani*

15.00 Quality Standards to prevent AKI	<i>A. Lewington</i>
15.20 AKI risk modification quality indexes	<i>A. Zarbock</i>
15.40 Quality of care and safety measures after AKI	<i>K. Kashani</i>
16.00 Quality of care and safety for Acute Kidney Disease	<i>J. Koyner</i>
16.20 Discussion	
16.30 BREAK	

#### SESSION 5 | AKI Biomarkers

*Chairmen: M. Plebani | T. Rimmelé*

17.00 FAQs on AKI biomarkers	<i>J. Kellum</i>
17.20 AKI Biomarkers in cardiac patients	<i>P. A. McCullough</i>
17.40 Biomarker-driven preventive actions	<i>A. Zarbock</i>
18.00 How do I use AKI biomarkers	<i>L. Forni</i>
18.20 Discussion	
18.30 ADJOURN	

### CRRT Path | Room Tiziano

#### SESSION 4 | CCH - IRRIV session: Pediatric AKI

*Chairmen: S. Goldstein | E. Vidal*

15.00 Pediatric AKI: Epidemiology and Outcomes	<i>S. Sutherland</i>
15.20 AKI in Neonates: Epidemiology and Outcomes	<i>D. J. Askenazi</i>
15.40 Acute RRT in the Pediatric Setting	<i>Z. Ricci</i>
16.00 Moving Forward with AKI Treatment in Children: Risk Stratification and Biomarker Integration to Direct Care	<i>S. Goldstein</i>
16.20 Discussion	
16.30 BREAK	

#### SESSION 5 | CCCN - IRRIV session: Kidney Frailty

*Chairmen: J. Kellum | V. Cantaluppi*

17.00 Detecting the frail kidney with RFR	<i>F. Husain-Syed</i>
17.20 Kids have frail kidneys too	<i>D. Fuhrman</i>
17.40 Managing the frail kidney with CRRT	<i>R. Murugan</i>
18.00 Cellular mechanism of kidney frailty	<i>D. Emler</i>
18.20 Discussion	
18.30 ADJOURN	

### Room Tiziano

13.30 Industry-Sponsored Symposium 2

### Room Giotto

13.30 Industry-Sponsored Symposium 2

### Room Canova

13.30 Industry-Sponsored Symposium 2

### Meet the Experts Path | Room Canova

15.00 How to manage fluids in AKI and RRT	<i>R. Bellomo &amp; M. Ostermann</i>
15.45 Managing anticoagulation in CRRT	<i>A. Tolwani &amp; G. Villa</i>

### AKI Path | Room Giotto

#### SESSION 6 | Organ Interactions and AKI (ADQI consensus)

*Chairmen: M. Joannidis | S. De Rosa*

08.10 Lung & kidney	<i>F. Husain-Syed</i>
08.30 Mechanical ventilation ECMO & kidney support	<i>A. Shaw</i>
08.50 Mechanisms for hepato-renal syndrome	<i>L. Juncos</i>
09.10 Hepato-renal syndrome	<i>P. Angeli</i>
09.30 Discussion	
09.40 BREAK	

#### SESSION 7 | CRSA - IRRIV Session: Cardio-Renal Interactions and AKI

*Chairmen: P. A. McCullough | L. Di Lullo*

10.00 Cardio-Renal interactions and Renal Functional Reserve	<i>J. Rangaswami</i>
10.20 Contrast Induced AKI	<i>P. A. McCullough</i>
10.40 Anemia and Hyperkalemia management in Cardio-Renal patients	<i>A. Shaw</i>
11.00 Ultrafiltration for congestive heart failure	<i>A. Kazory</i>
11.20 Discussion	

### CRRT Path | Room Tiziano

#### SESSION 6 | Clinical Management of CRRT

*Chairmen: M. Bell | G. Grandaliano*

08.10 Dose prescription in CRRT	<i>J. Prowle</i>
08.30 Dose delivery versus dose prescription	<i>R. L. Mehta</i>
08.50 Ensuring accurate fluid balance	<i>R. Murugan</i>
09.10 Treatment monitoring and data collection	<i>M. Bell</i>
09.30 Discussion	
09.40 BREAK	

#### SESSION 7 | Managing Complications of CRRT

*Chairmen: J. Prowle | P. Honoré*

10.00 10 False Beliefs in CCN	<i>Z. Ricci</i>
10.20 Preserving circuit patency in CRRT	<i>A. Tolwani</i>
10.40 Membrane and Filter related problems	<i>W. Clark</i>
11.00 Clinical complications and management	<i>M. Ostermann</i>
11.20 Discussion	

### Meet the Experts Path | Room Canova

10.00 AKI in pregnancy	<i>G. Ankawi &amp; F. K. Martino</i>
10.45 Extracorporeal endotoxin removal for sepsis	<i>C. Ronco &amp; T. Rimmelé</i>

### Room Canova

11.30 Industry-Sponsored Symposium 3

### Room Giotto

11.30 Industry-Sponsored Symposium 3

### Room Tiziano

11.30 Industry-Sponsored Symposium 3

13.00 LUNCH

### AKI Path | Room Giotto

#### SESSION 8 | SEPSIS and AKI 2019

*Chairmen: A. Brendolan | C. Ronco*

15.00 Sepsis in 2018	<i>P. Murray</i>
15.20 General management of the septic patient	<i>M. Ostermann</i>
15.40 Extracorporeal Therapies in Sepsis	<i>T. Rimmelé</i>
16.00 Sequential therapy approach in Sepsis	<i>C. Ronco</i>
16.20 Discussion	
16.30 BREAK	

#### SESSION 9 | Mayo Clinic - IRRIV Session

*Chairmen: K. Kashani | Z. Ricci*

16.45 Real time GFR	<i>S. Goldstein</i>
17.05 Renal Functional Reserve	<i>V. Cantaluppi</i>
17.25 NOACS & KIDNEY	<i>L. Di Lullo</i>
17.45 Biomarkers of progression to CKD	<i>G. Castellano</i>
18.05 Discussion	
18.15 ADJOURN	

### CRRT Path | Room Tiziano

#### SESSION 8 | Acute Extracorporeal Therapies

*Chairmen: J. Prowle | V. Cantaluppi*

15.00 New Membranes (from ViTE functionalization to endotoxin/cytokine adsorption)	<i>C. Ronco</i>
15.20 Coupled Plasma Filtration Adsorption	<i>V. Cantaluppi</i>
15.40 High Cut off Membranes	<i>G. Villa</i>
16.00 Immunomodulation by cytokine hemoadsorption	<i>J. Kellum</i>
16.20 Discussion	
16.30 BREAK	

#### SESSION 9 | Acute Extracorporeal Therapies

*Chairmen: T. Rimmelé | D. J. Askenazi*

16.45 Adsorption Techniques	<i>G. Ankawi</i>
17.05 Is online fluid preparation Feasible?	<i>W. Clark</i>
17.25 Ultrafiltration for heart failure	<i>A. Kazory</i>
17.45 Apheresis in acute patients	<i>D. J. Askenazi</i>
18.05 Discussion	
18.15 ADJOURN	

### Room Tiziano

13.30 Industry-Sponsored Symposium 4

### Room Giotto

13.30 Industry-Sponsored Symposium 4

### Room Canova

13.30 Industry-Sponsored Symposium 4

### Meet the Experts Path | Room Canova

15.00 CO2 removal: indications and technology	<i>S. De Rosa &amp; F. Husain-Syed</i>
15.45 How to use biomarkers in clinical routine	<i>J. Kellum &amp; J. Koyner</i>

Sana KHAN   USA	John KELLUM   USA
Amir KAZORY   USA	Kianoush KASHANI   USA
Alexander ZARBOCK   Germany	Luis A. JUNCOS   USA
Karen WARBURTON   USA	Michael JOANNIDIS   Austria
Gianluca VILLA   Italy	Faeg HUSAIN-SYED   Germany
Enrico VIDAL   Italy	Patrick HONORE   Belgium
Ashita TOLWANI   USA	Giuseppe GRANDEALIANO   Italy
Scott SUTHERLAND   USA	Stuart GOLDSTEIN   USA
Andrew SHAW   Canada	Loreto GESUALDO   Italy
Mitchell ROSNER   USA	Dana FUHRMAN   USA
Claudio RONCO   Italy	Lui FORNI   UK
Stefano ROMAGNOLI   Italy	Fabrizio FABRIS   Italy
Thomas RIMMELÉ   France	David EMLET   USA
Zaccaria RICCI   Italy	Alden DOYLE   USA
Janani RANGASWAMI   USA	Luca DI LULLO   Italy
John Richard PROWLE   UK	Silvia DE ROSA   Italy
Mario PLEBANI   Italy	William CLARK   USA
Antonio PANI   Italy	Giuseppe CASTELLANO   Italy
Alessandro PACCAGNELLA   Italy	Vincenzo CANTALUPPI   Italy
Marlies OSTERMANN   UK	Alessandra BRENDOLAN   Italy
Raghavan MURUGAN   USA	Rinaldo BELLOMO   Australia
Patrick MURRAY   Ireland	Max BELL   Sweden
Ravindra L. MEHTA   USA	Sean BAGSHAW   Canada
Peter MCCULLOUGH   USA	David J. ASKENAZI   USA
Francesca K. MARTINO   Italy	Ghada ANKAWI   Saudi Arabia
Andrew LEWINGTON   UK	Paolo ANGELI   Italy
Jay KOYNER   USA	

### INTERNATIONAL FACULTY

John KELLUM   USA	Stuart GOLDSTEIN   USA
Mitchell ROSNER   USA	Zaccaria RICCI   Italy
Claudio RONCO   Italy	Rinaldo BELLOMO   Australia

### SCIENTIFIC PROGRAM ADVISORS

### GENERAL INFORMATION

**LANGUAGE** The official language is English.

**VENUE** The course will be held at ViCC Vicenza Convention Centre, Viale dell'Oreficeria, Vicenza (Italy), in May 28<sup>th</sup> - 30<sup>th</sup>, 2019.

**REGISTRATION** The registration fee includes: congress kit, entry to all scientific sessions and Exhibition/Poster area, a copy of the final program, refreshment breaks in the catering area, invitation to the Opening Ceremony on Tuesday May 28<sup>th</sup>, 2019. The registration fees are the following per participant plus € 20,00 for fixed charges:

SPECIAL REGISTRATION	Special rate for: - 30 years old or younger (Born after January 1 <sup>st</sup> , 1989) - ex Vicenza/Irrivian Fellows This registration is possible only by sending an ID card.	€ 300 Tax included
EARLY BIRD REGISTRATION	Until March 15 <sup>th</sup> , 2019 Please note that with this registration it will not be possible to change name or cancellation after submission. Please note that the packages must be paid only by bank transfer	1 x € 450 Tax included 10 x € 400 Tax included
STANDARD REGISTRATION	From March 16 <sup>th</sup> until April 30 <sup>th</sup> , 2019 Please note that the packages must be paid only by bank transfer	1 x € 600 Tax included 10 x € 550 Tax included
LATE REGISTRATION	From May 1 <sup>st</sup> until May 24 <sup>th</sup> , 2019 Please note that the packages must be paid only by bank transfer	1 x € 700 Tax included 10 x € 650 Tax included
ON SITE REGISTRATION	From May 28 <sup>th</sup> , 2019 (credit card only)	€ 800 Tax included

**CANCELLATION POLICY** SPECIAL REGISTRATION No refunds for cancellation and name change. EARLY BIRD REGISTRATION No refunds for cancellation and name change. STANDARD REGISTRATION 50% of the registration fee will be refunded for cancellation. LATE REGISTRATION 50% of the registration fee will be refunded for cancellation. All the requests must be submitted by e-mail to [info@irriv.com](mailto:info@irriv.com)

**INDUSTRY EXHIBITION** The Course will host an Industry Exhibition including the latest technology, equipment and products. To discuss sponsorship opportunities and arrangement of symposia, please contact the Course Secretariat at [info@irriv.com](mailto:info@irriv.com). The exhibition will be open from May 28<sup>th</sup> to June 30<sup>th</sup>, 2019 during the congress opening hours.

**ECM | UEMS/EACCME | SVC | MEDTECH ACCREDITATION** An application has been made to the EACCME® for CME accreditation, to the Italian Ministry of Health (ECM) through the Continuous Medical Education program, to Sistema Valutazione Conferenze and to MEDTECH Committee for this event.

International Vicenza Courses are partnering with ADQI XXIII conference



### ENDORSEMENTS



### SCIENTIFIC PROGRAM PARTNERS

#### BEST ABSTRACT AWARD CONTEST

Send an Acute Kidney Injury or Critical Care Nephrology abstract by April 30<sup>th</sup>, 2019 to participate to the contest: the winner will receive € 1.000

For details please visit [www.irriv.com](http://www.irriv.com)



### ADMINISTRATIVE AND ORGANIZING SECRETARIAT

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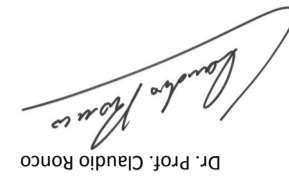
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Dr. Prof. Claudio Ronco

Companies and Members from the industry of the field are invited to join the event reserving booth and spaces in the exhibition area.

The Course will host an AKI path and a CRRT path that will be held simultaneously. A series of lectures and panel discussions will be delivered during the days of the course. Our task is to put together specialists from different disciplines in a single scientific event with a multidisciplinary approach to the critically ill patient with acute kidney injury and multiple organ dysfunction.

37 years, what a long journey. We started with the idea of offering an updated course on the most important advances in the area of nephrology, critical care, cardiology and cardiac surgery. The course stands in perfect shape maintaining the same mission and its multidisciplinary nature. For this reason, the faculty is composed of more than 50 experts in the field coming from different disciplines and representing the top scientists and investigators of current literature.

Welcome to the 37th edition of the International Vicenza Course on Acute Kidney Injury and Continuous Renal Replacement Therapies.



Università degli Studi di Padova - Dipartimento di Medicina

Padova - Italy

Nephrology, Dialysis and Renal Transplantation Unit

San Bortolo Hospital - Vicenza, Italy

International Renal Research Institute Vicenza - IRRIV



ViCC Vicenza Convention Centre

Fiera di Vicenza

Vicenza - Italy

