#### Chairmen: A. Shaw - S. Goldstein WORKSHOP 1 - CRRT Management Group 8.10 AKI pathophysiology R. Bellomo Chairmen: Z. Ricci - S. Romagnoli 9:30 The importance of Multidisciplinary Team I. Baldwin 8.30 AKI: from clinical to molecular diagnosis C. Ronco **Room Palladio** 9:45 Nomenclature in CRRT: Basic Principles M. Neri 8.50 The concept of Acute Kidney Disease (AKD) L. Chawla 10:00 Improving Delivery of Continuous Renal Replacement 14.00 - 15.15 Industry- Sponsored Satellite Symposium 9.10 Pathways towards kidney recovery after AKI J. Kellum F. Garzotto Therapy P. Romagnani 9.30 The kidney response to AKI: myths and facts 10:15 CRRT Technical Complications M. Mettifogo - F. Barbarigo 9.50 From AKI to CKD: maladaptive repair or inevitable 10:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator) Room Trissino destiny? G. Castellano 12:00 Discussion 10.10 Discussion 14.00 - 15.15 JOINED SESSION IRRIV/SIN 10.20 Coffee Break and Visit to the Exhibition **International Renal Research Institute Vicenza and Italian Society of Nephrology** Room Scamozzi NO ECM (Italian Credits) - 40 places available **SESSION 2 - FLUID MANAGEMENT in the CRITICALLY ILL** Chairmen: L. Gesualdo - G.B. Capasso WORKSHOP 2 - US in AKI and critical care patients Chairmen: S. Di Somma - M. Pinsky Selected Poster Presentation Chairman: M. Meold 10.40 Fluid management and AKI R. Mehta 10.30 Theoretical outline preliminary to practice and 11.00 Personalized organ perfusion pressure targets clinical scenarios M. Meola during resuscitation M. Pinsky 10.50 Role of US in prerenal AKI and volume overload F. Nalesso 11.20 Results of the DoReMiFa Study: implications 11.00 Parenchymal scenarios (glomerular, vascular **Room Palladio** on RRT timing M. Ostermann and interstitial) of AKI I. Petrucci S. Di Somma 15.30 - 17.30 Industry- Sponsored Mini Course 11.40 Assessment of fluid status 11.20 Clinical cases of post-renal AKI S. Samoni 11.55 The hemodynamic navigator N. Levin 11.30 Demo-live. Three US scans to improve AKI and systemic 12.10 Use of diuretics R. Bellomo overload diagnosis in critical care patients M. Meola 12.30 Ultrafiltration in fluid overloaded patients 12.30 Discussion resistant to diuretics A. Kazory **OPENING CEREMONY** 12.50 Discussion 13.00 Lunch and Visit to the Exhibition 18.30 Vicenza Course: 35 years of education C. Ronco Room Trissino NO ECM (Italian Credits) - 50 places available 18.45 International Vicenza Award 13.15 - 14.15 Industry- Sponsored Satellite Lunch Symposium **WORKSHOP 1 - CRRT Management Group** Chairmen: Z. Ricci - S. Romagnoli 19.00 Computers, Robotics and AI in Health Care: SESSION 3 - JOINED SESSION IRRIV/MAYO CLINIC 14:30 The importance of Multidisciplinary Team I. Baldwin A Revolution Underway F. Faggin 14:45 Nomenclature in CRRT: Basic Principles M. Neri Chairmen: K. Kashani - A. Pani 15:00 Improving Delivery of Continuous Renal Replacement 19.30 Concert 14.30 Vasopressin-2 receptor blockers: mechanism of Therapy F. Garzotto action and clinical utility Qi Qian 20.00 Welcome Reception 15:15 CRRT Technical Complications M. Mettifogo - F. Barbarigo 14.50 Evolution of AKI biomarkers and AKI alert systems K. Kashani 15:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator) 15.10 Acidosis in AKI and CKD Qi Qian 17:00 Discussion 15.30 Potassium disorders and dyschloremia in AKI and CRRT K. Kashani 15.50 The importance of a Nephrology Rapid Response Team Room Scamozzi NO ECM (Italian Credits) - 40 places available C. Ronco WORKSHOP 2 - US in AKI and critical care patients 16.10 Reducing AKI incidence using a KDIGO bundle A. Zarbock Chairman: M. Meola 16.30 Coffee Break and Visit to the Exhibition 14.00 Theoretical outline preliminary to practice and clinical scenarios M. Meola SESSION 4 - HEART, LUNG AND KIDNEY (JOINED SESSION WITH ADQI) 14.20 Role of US in prerenal AKI and volume overload F. Nalesso Chairmen: M.K. Nadim - C. Hobson 14.30 Parenchymal scenarios (glomerular, vascular 16.50 Mechanical Ventilation and the kidney K. Liu and interstitial) of AKI I. Petrucci 17.10 AKI in cardiac surgery N. Katz 14.50 Clinical cases of post-renal AKI S. Samoni 17.30 Critical Care Nephrology Cases Presentation Demo-live. Three US scans to improve AKI and systemic Chairmen: R. Bellomo- J. Kellum overload diagnosis in critical care patients M. Meola Results of the EUPHRATES Trial M. Antonelli 16.00 Discussion 18.30 Adjourn June 16 - Room Palladio JUNE 15 - ROOM PALLADIO June 15 - Room Trissino/Scamozzi **SESSION 5 - AKI, SEPSIS and HUS SESSION 9 - PEDIATRIC AKI and CRRT** Room Trissino NO ECM (Italian Credits) - 50 places available Chairmen: L. Murer - A. Brendolan Chairmen: K. Liu - A. Shaw **WORKSHOP 1 - CRRT Management Group** J. Kellum 8.00 The sepsis story in 2017 Chairmen: Z. Ricci - S. Romagnoli 8.20 AKI in infants and children

June 14 - Room Palladio

**SESSION 1 - THE SPECTRUM of ACUTE KIDNEY DISEASE** 

8.20 AKI in sepsis R. Bellomo 8.40 Meaning of Biomarkers and Extracellular vesicles V. Cantaluppi 9.00 AKI in cirrhosis and HRS M. K. Nadim **AKI and HUS** A. Jorres

9.40 Fluids for shock: time for a change? 10.00 Discussion

JUNE 13 - ROOM PALLADIO/TRISSINO

**OPENING DAY SESSION** 

10.20 Coffee Break and Visit to the Exhibition

# **SESSION 6 - AKI in SEPSIS: MANAGEMENT STRATEGIES**

Chairmen: L. Chawla - J. Kovner

10.40 From sorbent hemoprofusion to endotoxin removal C. Ronco 11.00 CPFA: promises and results G. Castellano 11.20 HCO membranes and sorbents for protection from tubular cell injury V. Cantaluppi 11.40 Safety and efficacy of CytoSorb – Clinical experiences and current evidence S. Mitzner 12.00 Extracorporeal membrane separation techniques for sepsis W. Clark 12.20 Combined ECMO and CRRT sepsis A. Bihorac 12.40 Discussion

13.15 - 14.15 Industry-Sponsored Satellite Lunch Symposium

# **SESSION 7 - JOINED SESSION IRRIV/UNIVERSITY OF VIRGINIA**

Chairmen: M. Rosner - F. Ferrari

13.00 Lunch and Visit to the Exhibition

14.30 Neural control of inflammation in AKI M. Okusa 14.50 Iron and Innate Immunity in AKI: Promising Therapeutic Targets S. Swaminathan

15.10 AKI in the Patient with Cancer: imaging and biomarkers M. Rosner

15.30 Fluids or no fluids; assessing volume responsiveness in the K. Kalantari 15.50 Anti-inflammatory/Anti-oxidant extracorporeal support

C. Ronco

16.10 Discussion

16.30 Coffee Break and Visit to the Exhibition

# **SESSION 8 - RARE DISEASES AND CASES PRESENTATION**

Chairmen: L. Gesualdo - A. Bihorac

16.50 Lecture: Electrolyte disturbances and AKI in genetic and rare diseases G. Capasso 17.30 Critical Care Nephrology Cases Presentation

R. Bellomo- J. Kellum & C

9:30 The importance of Multidisciplinary Team I. Baldwin 9:45 Nomenclature in CRRT: Basic Principles M. Neri 10:00 Improving Delivery of Continuous Renal Replacement Therapy F. Garzotto 10:15 CRRT Technical Complications M. Mettifogo - F. Barbarigo 10:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator)

12:00 Discussion

#### Room Scamozzi NO ECM (Italian Credits) - 50 places available **WORKSHOP 3 - Pediatric CRRT**

Chairmen: S. Goldstein - Z. Ricci

10.30 CRRT in Children: Indications and Outcomes E. Vidal 10.55 Prescription and management S. Goldstein 11.20 Dose on pediatric CRRT Z. Ricci F. Garzotto 11.45 Improving delivery of CRRT

12:10 Discussion

A. Shaw

Room Trissino NO ECM (Italian Credits) - 50 places available

WORKSHOP 1 - CRRT Management Group

Chairmen: Z. Ricci - S. Romaanoli

14:30 The importance of Multidisciplinary Team I. Baldwin 14:45 Nomenclature in CRRT: Basic Principles M. Neri 15:00 Improving Delivery of Continuous Renal Replacement Therapy F. Garzotto 15:15 CRRT Technical Complications M. Mettifogo - F. Barbarigo 15:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator) 17:00 Discussion

Room Scamozzi NO ECM (Italian Credits) - 50 places available WORKSHOP 4 - The 6 key renal papers of 2016-17 Chairmen: R. Bellomo, J. Kellum, L. Chawla 14.00 - 16:00

S. Goldstein 8.40 Evolution of CRRT in neonates C. Ronco 9.00 How I deal with AKI in neonates

June 14 - Room Trissino/Scamozzi Room Trissino NO ECM (Italian Credits) - 50 places available

**SESSION 10 - CRRT and BEYOND** 

Chairmen: P. Honorè - S. Mitzner

9.20 Choice of Vascular Access and anticoagulation for CRRT M. Schetz

9.40 Dose and timing of CRRT according to precision medicine A. Zarbock

10.00 Biomarkers of Recovery: can we predict successful CRRT

C. Ronco

discontinuation?

10.20 Extracorporeal CO2 Removal: Rationale and techniques M. Maggiorini

10.40 Cloud-based data collection for big data generation

11.00 Discussion

11.10 Coffee Break

# **SESSION 11 - NEW TECHNOLOGIES**

Chairman: N. Katz - K. Liu

11.30 New techniques of GFR determination C. Ronco 11.50 Biomarkers Kidney Stress Test and Renal Functional F. Husain-Syed How to prevent contrast-induced AKI 12.10 N. Pannu AKI Risk Assessment in Cardiac Surgery: biomarkers N. Katz

and beyond

12.50 How do we integrate new technology into cost-constrained clinical practice L. Forni

13.10 Discussion

13.30 Lunch and Farewell

- wolf ordered

Dr. Prof. Claudio Ronco

a petter patient care

partner in education and science. Please continue to support us in our effort for

basic information in critical care nephrology. For 35 years we have been your and the most experienced colleagues and experts the recent advances and the cerning critical illness. Do not miss the opportunity to discuss with your peers and other disorders are presented and integrated in the overall discussion consyndromes such as hemolytic uremic syndrome, hyperkalemia, hyponatremia oliguria in pediatric settings. New pharmacological approaches to particular ECMO, removal of toxins in case of liver failure and management of AKI and real lung support and removal of CO2 and use of CRRT in combination with of endotoxin, adsorption of cytokines, removal of viral particles etc), extracorpoonly as a renal support, but also as a treatment strategy for sepsis (adsorption new machines are presented. We discuss the use of extracorporeal therapies not ease. The most recent trials on CRRT and specific characteristics offered by injury with new insights from the recent ADQI consensus on Acute Kidney Disty will focus on the process of renal recovery and kidney tissue repair from acute personalization is part of the academic discussion in the course. The entire faculdiscussed in light of the multiple spectrum of AKI syndromes and treatment undertake specific studies and possible pragmatic trials. Precision medicine is ments report a new research agenda, generated to prompt investigators to when and how to apply them in the critically ill patient. Recent consensus statesupport techniques are also discussed in the attempt to learn from recent trials technologies for renal replacement therapy and other extracorporeal organ new biomarkers for identification of patients at risk in different settings. New diagnostic tools including real time GFR measurement, kidney stress tests and multiple organ dysfunction syndromes. We specifically concentrated on new es and their correction with special emphasis on hyponatremia, sepsis and and others) and complex syndromes, severe electrolyte and acid base imbalancdifferent areas of medicine, organ interaction (Hear and kidney, lung and kidney scientific program of the course features sessions on epidemiology of AKI in and representing the top scientists and investigators of current literature. The composed of more than 50 experts in the Jield coming from different disciplines the same mission and its multidisciplinary nature. For this reason, the Jacuity is cardiac surgery. The course, after 35 years stands in perfect shape maintaining

# Welcome to the 35th edition of the International Vicenza Course on Acute Kid-**WELCOME LETTER**

important advances in the area of nephrology, critical care, cardiology and

journey. We started with the idea of offering an updated course on the most ney Injury and Continuous Renal Replacement Therapies. 35 years, what a long







Regione Veneto - AULSS 8 Berica Dep. of Nephrology, Dialysis and Renal Transplantation International Renal Research Institute Vicenza - IRRIV San Bortolo Hospital - Vicenza - Italy



June 13-16, 2017

### ence with ADQI XIX conference International Vicenza Courses are partnering



is the responsibility of the organizer. in general, therefore the specific content of the event/course ERA-EDTA's endorsement is for the promotion of education

















**ENDORSEMENTS** 

# **INTERNATIONAL FACULTY**

ASU - MIV3J nsdtsM

Jay KOYNER - USA

ASU - STAN niv9N

Kianoush KASHANI - USA

Kambiz KALANTARI - USA

Achim JöRRES - Germany

Patrick HONORE' - Belgium

Charles HOBSON - USA

Stuart GOLDSTEIN - USA

Loreto GESUALDO - Italy

Fiorenza FERRARI - Italy

Federico FAGGIN - USA Viali - AMMOZ IU 91016VIBZ

Silvia DE ROSA - Italy

William CLARK - USA

AZV - JAROHIB 67ZA

Fabio BARBARIGO - Italy

lan BALDWIN - Australia

Lakhmir S. CHAWLA - USA

Giuseppe CASTELLANO - Italy

Vincenzo CANTALUPPI - Italy

Alessandra BRENDOLAN - Italy

Rinaldo BELLOMO - Australia

Giovan Battista CAPASSO - Italy

Lui G. FORNI - UK

Francesco GARZOTTO - Italy

Faeq HUSAIN-SYED - Germany

**Amir KAZORY** 

JONN KELLUM - USA

ASU - mibaN avitM

Ζαςςακία Βίςςί - Ιταίγ

ASU - mullay ndol

Alessandra Brendolan - Italy

Rinaldo Bellomo - Australia

Claudio Ronco - Italy

## SCIENTIFIC COMMITEE

# **GENERAL INFORMATION**

LANGUAGE The official language is English. No simultaneous translation will be provided.

Alexander ZARBOCK - Germany

A2U - NAHTANIMAW2 nsms1stebnu2

ENTICO VIDAL - Italy

ASU - WAHS wendand

Sara SAMONI - Italy

Miet SCHETZ - Belgium

ASU - RANZOR IledatiM

Stefano ROMAGNOLI - Italy

Paola ROMAGNANI - Italy

Claudio RONCO - Italy

Zaccaria RICCI - Italy

Michael PINSKY - USA

Ilaria PETRUCCI - Italy

Antonello PANI - Italy

Mark OKUSA - USA

Mauro NERI - Italy

Neesh PANNU - Canada

Marlies OSTERMANN - UK

Federico NALESSO - Italy

Steffen MITZNER - Germany

Mariangela METTIFOGO - Italy

Marco MAGGIORINI - Switzerland

Mitra K. NADIM - USA

Luisa MURER - Italy

Mario MEOLA - Italy

Kathleen LIU - USA

Ravindra L. MEHTA - USA

Qi QIAN - USA

VENUE The course will be held at the Convention Centre of Fiera di Vicenza, Viale dell'Oreficeria, 36100 Vicenza (Italy), in June 13 - 16, 2017.

**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 June 13th, 1 Admission ticket for the Gala Dinner on Thursday June 15th, 2017.

The registration fees are the following per participant plus € 20,00 for fixed charges:

- UNDER 30 REGISTRATION € 300 for 30 years old or younger (Born after January 1st, 1987), or for ex Vicenza/Irrivian Fellows
- EARLY BIRD REGISTRATION € 600 until February 28th, 2017 (online) please note that with this registration it will not be possible to change name or cancellation after submission
- STANDARD REGISTRATION € 950 from March 1st until April 30th, 2017 (online)
- LATE REGISTRATION € 1.050 from May 1st until June 7th, 2017 (online)
- ON SITE REGISTRATION € 1050 from June 13th, 2017 (credit

You can register online by bank transfer or creditcard (VISA or MASTERCARD only!) at www.irriv.com

CANCELLATION For registrations made by April 30th, 2017 a 50% of the registration fee will be refunded. No refunds will be possible for registrations made after May 1st, 2017. All the requests must be submitted by e-mail to 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. The exhibition (at pavillion 7) will be open from June 13th to June 15th, 2017 during the congress opening hours.

**UEMS/EACCME ACCREDITATION** An application has been made to the EACCME® for CME accreditation of this event.

**ECM ACCREDITATION** An application has been made to the Italian Ministry of Health (ECM) through the Continuous Medical Education program.

# **BEST ABSTRACT AWARD CONTEST**

Send an Acute Kidney Injury or Critical Care Nephrology abstract by April 30th to participate to the contest: the winner will receive € 1.000 and he/she will shoot a "Cappuccino with Claudio Ronco'

For details please visit www.irriv.com

New Progress Service S.r.l. National Provider n 1257 Vicenza - ITALY

# **Contacts**

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