## JUNE 13 - ROOM PALLADIO/TRISSINO

#### INTERNATIONAL VICENZA COURSE: SATELLITE SYMPOSIA

#### **Room Palladio**

14.00 - 15.15 Industry - Sponsored satellite Symposium 1

15.30 - 16.45 Industry - Sponsored satellite Symposium 2

17.00 - 18.15 Industry - Sponsored satellite Symposium 3

#### **Room Trissino**

14.00 - 15.15 JOINED SESSION IRRIV/ SIN **International Renal Research Institute Vicenza and Italian Society of Nephrology** 

Chairmen: L. Gesualdo - G.B. Canasso

**Selected Poster Presentation** 

15.30 - 16.45 Industry - Sponsored satellite Symposium 4

17.00 - 18.15 Industry - Sponsored satellite Symposium 5

#### **OPENING CEREMONY**

18.30 Vicenza Course: 35 years of education C. Ronco

18.45 International Vicenza Award

19.00 Life an disease in deep space T. Ghidini

19.30 Welcome Reception

## JUNE 14 - ROOM PALLADIO

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

Chairmen: A. Shaw - S. Goldstein 8.10 AKI pathophysiology

R. Bellomo 8.30 AKI: from clinical to molecular diagnosis C. Ronco 8.50 The concept of Acute Kidney Disease (AKD) L. Chawla

9.10 Pathways towards kidney recovery after AKI J. Kellum P. Romagnani 9.30 The kidney response to AKI: myths and facts

9.50 From AKI to CKD: maladaptive repair or inevitable destiny? G. Castellano

10.10 Discussion 10.20 Coffee Break and Visit to the Exhibition

#### **SESSION 2 - FLUID MANAGEMENT in the CRITICALLY ILL**

Chairmen: S. Di Somma - M. Pinsky

10.40 Fluid management and AKI R. Mehta 11.00 Personalized organ perfusion pressure targets during resuscitation M. Pinsky 11.20 Results of the DoReMiFa Study: implications on RRT timing M. Ostermann S. Di Somma 11.40 Assessment of fluid status 11.55 The hemodynamic navigator N. Levin 12.10 Use of diuretics R. Bellomo

12.30 Ultrafiltration in fluid overloaded patients resistant to diuretics A. Kazory

12.50 Discussion

13.00 Lunch and Visit to the Exhibition

## 13.15 - 14.15 Industry- Sponsored satellite Lunch Symposium

## **SESSION 3 - JOINED SESSION IRRIV/MAYO CLINIC**

Chairmen: K. Kashani - A. Pani

14.30 Vasopressin-2 receptor blockers: mechanism of action and clinical utility Qi Qian 14.50 Evolution of AKI biomarkers and AKI alert systems K. Kashani 15.10 Acidosis in AKI and CKD Qi Qian 15.30 Potassium disorders and dyschloremia in AKI

K. Kashani and CRRT 15.50 The importance of a Nephrology Rapid Response Team C. Ronco

16.10 Reducing AKI incidence using a KDIGO bundle 16.30 Coffee Break and Visit to the Exhibition

# SESSION 4 - HEART, LUNG AND KIDNEY (JOINED SESSION WITH ADQI)

Chairmen: M.K. Nadim - C. Hobson

16.50 Mechanical Ventilation and the kidney K. Liu 17:10 AKI in cardiac surgery N. Katz 17.30 Critical Care Nephrology Cases Presentation

R. Bellomo- J. Kellum & C

18.30 Adjourn

J. Kellum

A. Shaw

# 10.30 Theoretical outline preliminary to practice and

Room Scamozzi NO ECM (Italian Credits)

clinical scenarios M. Meola 10.50 Role of US in prerenal AKI and volume overload F. Nalesso

10:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator)

I. Baldwin

F. Garzotto

M. Mettifogo - F. Barbarigo

M. Neri

11.00 Parenchymal scenarios (glomerular, vascular and interstitial) of AKI

WORKSHOP 2 - US in AKI and critical care patients

June 14 - Room Trissino/Scamozzi

10:00 Improving Delivery of Continuous Renal Replacement

Room Trissino NO ECM (Italian Credits)

Chairmen: Z. Ricci - S. Romaanoli

10:15 CRRT Technical Complications

Therapy

12:00 Discussion

Chairman: M. Meold

WORKSHOP 1 - CRRT Management Group

9:30 The importance of Multidisciplinary Team

9:45 Nomenclature in CRRT: Basic Principles

I. Petrucci 11.20 Clinical cases of post-renal AKI S. Samoni

11.30 Demo-live. Three US scans to improve AKI and systemic overload diagnosis in critical care patients M. Meola

12.30 Discussion

#### Room Trissino NO ECM (Italian Credits)

## **WORKSHOP 1 - CRRT Management Group**

Chairmen: Z. Ricci - S. Romagnoli

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

M. Mettifogo - F. Barbarigo 15:15 CRRT Technical Complications 15:30 Laboratory Workshop - Hands on Session S. De Rosa (Coordinator)

17:00 Discussion

A. Zarbock

## Room Scamozzi NO ECM (Italian Credits)

WORKSHOP 2 - US in AKI and critical care patients Chairman: M. Meola

14.00 Theoretical outline preliminary to practice and clinical scenarios

14.20 Role of US in prerenal AKI and volume overload 14.30 Parenchymal scenarios (glomerular, vascular

and interstitial) of AKI I. Petrucci 14.50 Clinical cases of post-renal AKI S. Samoni

Demo-live. Three US scans to improve AKI and systemic overload diagnosis in critical care patients M. Meola

16.00 Discussion

## JUNE 15 - ROOM PALLADIO

#### **SESSION 5 - AKI, SEPSIS and HUS** Chairmen: K. Liu - A. Shaw

8.00 The sepsis story in 2017 8.20 AKI in sepsis

R. Bellomo 8.40 Meaning of Biomarkers and Extracellular vesicles V. Cantaluppi 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

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

13.00 Lunch and Visit to the Exhibition

## 13.15 - 14.15 Industry - Sponsored satellite Lunch Symposium

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

Chairmen: M. Rosner - F. Ferrari 14.30 Neural control of inflammation in AKI

M. Okusa 14.50 Iron and Innate Immunity in AKI: Promising Therapeutic Targets S. Sundararaman

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

# June 15 - Room Trissino/Scamozzi

Room Trissino NO ECM (Italian Credits) **WORKSHOP 1 - CRRT Management Group** 

Chairmen: Z. Ricci - S. Romagnoli

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)

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

Room Trissino NO ECM (Italian Credits)

**WORKSHOP 1 - CRRT Management Group** Chairmen: Z. Ricci - S. Romaanoli

I. Baldwin 14:30 The importance of Multidisciplinary Team 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) WORKSHOP 4 - The 6 key renal papers of 2016-17

Chairmen: R. Bellomo, J. Kellum, L. Chawla

14.00 - 16:00

## June 16 - Room Palladio

**SESSION 9 - PEDIATRIC AKI and CRRT** Chairmen: L. Murer - A. Brendolan

8.20 AKI in infants and children S. Goldstein 8.40 Evolution of CRRT in neonates C. Ronco 9.00 How I deal with AKI in neonates Z. Ricci

**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

L. Forni

M. Meola

F. Nalesso

10.00 Biomarkers of Recovery: can we predict successful CRRT discontinuation? 10.20 Extracorporeal CO2 Removal: Rationale and techniques

M. Maggiorini

10.40 Cloud-based data collection for big data generation C. Ronco

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 12.10 How to prevent contrast-induced AKI N. Pannu AKI Risk Assessment in Cardiac Surgery: biomarkers and beyond N. Katz

12.50 How do we integrate new technology into cost-constrained

clinical practice 13.10 Discussion

13.30 Lunch and Farewell

18.30 Adjourn

Carolo House

a petter patient care

Dr. Prof. Claudio Ronco

enth 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**

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 field coming from different disciplines the same mission and its multidisciplinary nature. For this reason, the faculty is cardiac surgery. The course, after 35 years stands in perfect shape maintaining 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

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

ney Injury and Continuous Renal Replacement Therapies. 35 years, what a long







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**Contacts** 

Mrs Anna Saccardo & Mrs Gioia Vencato

phone / fax +39 0444 753949

mobile +39 340 1607312

email info@irriv.com

facebook

Alexander ZARBOCK - Germany Enrico VIDAL - Italy A2U - NAMAAAAAUU2 nsdtsnimsw2 ASU - WAHS wendand

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lan BALDWIN - Australia

#### INTERNATIONAL FACULTY

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.

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

