



FONDAZIONE D'AMICO  
PER LA RICERCA SULLE MALATTIE RENALI



FONDAZIONE IRCCS CA' GRANDA  
OSPEDALE MAGGIORE POLICLINICO

Sistema Sanitario  Regione  
Lombardia

Meeting endorsed by



## 46<sup>th</sup> COURSE ON ADVANCES IN NEPHROLOGY, DIALYSIS AND TRANSPLANTATION

Milan, December 5/8, 2014

Centro Congressi Milan Marriott Hotel  
Via Washington, 66 - Milan

Directors of the Course  
G. D'AMICO - P. MESSA

Scientific Committee  
M. COZZOLINO, G. REMUZZI  
D. ROCCATELLO, A. SANTORO, V. SPARACINO

ORGANIZING SECRETARIAT

FONDAZIONE D'AMICO PER LA RICERCA SULLE MALATTIE RENALI  
Via Cherubini 6 - 20145 Milano - Tel. +39 02 48001842 - Fax +39 02 48110814  
segreteriacorso@fondazionedamico.org - [www.fondazionedamico.org](http://www.fondazionedamico.org)

## SPEAKERS AND CHAIRMEN

<b>G. BATTAGLIA</b>	Nephrology and Dialysis Unit, Santa Marta e Santa Venera Hospital, Acireale
<b>M. BONOMINI</b>	Chair of Nephrology, SS. Annunziata Hospital, Chieti
<b>G. CAPASSO</b>	Chair of Nephrology, II University of Naples, Nuovo Policlinico, Naples
<b>R. COPPO</b>	Nephrology and Dialysis Unit, Regina Margherita Paediatric Hospital, Turin
<b>M. COZZOLINO</b>	Nephrology and Dialysis Unit, San Paolo Hospital, University of Milan
<b>D. CUSI</b>	Chair of Nephrology, San Paolo Hospital, University of Milan
<b>A. DAVENPORT</b>	UCL Centre for Nephrology, Royal Free Hospital, London
<b>G. DEFERRARI</b>	Chair of Nephrology, Department of Internal Medicine, University of Genoa
<b>F. FERVENZA</b>	Division of Nephrology and Hypertension, Mayo Clinic, Rochester, USA
<b>G. GAMBARO</b>	Nephrology Unit, Policlinico Universitario Agostino Gemelli, Rome
<b>L. GESUALDO</b>	Chair of Nephrology, University of Bari
<b>F. LOCATELLI</b>	Nephrology and Dialysis Unit, A. Manzoni Hospital, Lecco
<b>A. LUPO</b>	Chair of Nephrology, University of Verona
<b>Z. MASSY</b>	Chief, Division of Nephrology, Ambroise Paré Hospital Paris-Ile-de-France-Ouest University (UVSQ), Boulogne Billancourt, France
<b>S. MAZZAFERRO</b>	Department of Cardiovascular Respiratory Nephrologic Anesthesiologic and Geriatric Sciences, Sapienza University of Rome
<b>P. MENÈ</b>	Chair of Nephrology, Sapienza University of Rome
<b>P. MESSA</b>	Nephrology, Dialysis and Renal Transplant Unit, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan
<b>R. MINUTOLO</b>	Department of Medical, Surgical, Neurological and Metabolic Sciences, II University of Naples
<b>A. PANI</b>	Department of Nephrology, G. Brotzu Hospital, Cagliari
<b>S. PASQUALI</b>	Nephrology and Dialysis Unit, Santa Maria Nuova Hospital, Reggio Emilia
<b>G. QUINTALIANI</b>	Nephrology and Dialysis Unit, Silvestrini Hospital, Perugia
<b>M.P. RASTALDI</b>	Renal Research Laboratory, Fondazione D'Amico per la Ricerca sulle Malattie Renali & Fondazione IRCCS Ospedale Maggiore Policlinico, Milan
<b>G. REMUZZI</b>	Nephrology and Dialysis Unit, Ospedali Riuniti and Mario Negri Institute, Bergamo
<b>D. ROCCATELLO</b>	Nephrology, Dialysis and Clinical Immunology, San Giovanni Bosco Hospital, Turin
<b>M.T. ROCCHETTI</b>	Department of Emergency and Organ Transplantation (DETO) - University of Bari and Proteomics Core Facility - University of Foggia
<b>S. SANDRINI</b>	Nephrology and Dialysis Unit, Spedali Civili, Brescia
<b>A. SANTORO</b>	Nephrology and Dialysis Unit, Malpighi Hospital, Bologna
<b>F. SCOLARI</b>	Nephrology and Dialysis Unit, Spedali Civili, Montichiari
<b>F.P. SCHENA</b>	Professor of Nephrology, University of Bari
<b>P. STRATTA</b>	Chair of Nephrology Amedeo Avogadro University of Eastern Piedmont Nephrology School, Division of Nephrology and Transplantation, Department of Translational Medicine, Novara
<b>V. SPARACINO</b>	Coordinator Regional Transplant Center Sicily, A.R.N.A.S. Civico, Palermo
<b>C. ZOCCALI</b>	Nephrology and Dialysis Unit, Ospedali Riuniti, Reggio Calabria



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KIDNEYCONNECT  
A GATEWAY TO EUROPEAN KIDNEY RESEARCH  
RESOURCES

# SATELLITE MEETING

46<sup>th</sup> COURSE ON ADVANCES IN NEPHROLOGY,  
DIALYSIS AND TRANSPLANTATION  
December 5, 2014  
FOSCOLO ROOM

## KIDNEY-CONNECT: A PLATFORM FOR EUROPEAN PODOCYTE RESEARCH

Chairs: G. REMUZZI (*Bergamo*) - H. HOLTHÖFER (*Dublin*)

10.15 - 10.30 a.m.	G. REMUZZI - H. HOLTHÖFER Introduction
10.30 - 10.50	P. ROMAGNANI ( <i>Florence</i> ) Discovery and future technologies in kidney research
10.50 - 11.10	M.J. MOELLER ( <i>Aachen</i> ) The concept of research platforms around Europe
11.10 - 11.30	M. SALEEM ( <i>Bristol</i> ) Translational research platforms
11.30 - 11.50	COFFEE BREAK
11.50 - 12.10 p.m.	R. COPPO ( <i>Turin</i> ) Clinical renal research
12.10 - 12.30	C. DUFFY ( <i>Dublin</i> ) European Health Research topics today and tomorrow
12.30 - 12.50	J. DING ( <i>Beijing</i> ) Research needs and platforms in China
12.50 - 1.00	G. REMUZZI - H. HOLTHÖFER Summary and concluding remarks

**REGISTRATION TO THE SATELLITE MEETING IS FREE - MAX NUMBER OF PARTICIPANTS: 150**

**DEADLINE: NOVEMBER 30, 2014 - SIMULTANEOUS TRANSLATION IS PROVIDED**

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## SATELLITE MEETING

### 46<sup>th</sup> COURSE ON ADVANCES IN NEPHROLOGY, DIALYSIS AND TRANSPLANTATION

December 5, 2014  
FOSCOLO ROOM

## DIFFICULT CASES OF RENAL TRANSPLANT

*Clinician: T. BERTANI (Palermo)*  
*Pathologist: G. MAZZUCCO (Turin)*

2.30 - 4.30 p.m.

The session is organized to informally comment and discuss, with the help of two experts, difficult cases of renal transplant biopsies proposed by the participants.

**REGISTRATION TO THE SATELLITE MEETING IS FREE**

**MAX NUMBER OF PARTICIPANTS: 220**

**SIMULTANEOUS TRANSLATION IS PROVIDED**

**DEADLINE: November 30, 2014**

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## 2<sup>nd</sup> Workshop of CKD-MBD (Chronic Kidney Disease - Mineral Bone Disorders) ERA-EDTA Working Group

December 5, 2014 - WASHINGTON A ROOM

9.00 - 9.10 a.m.	INTRODUCTION <i>M. Cozzolino (Italy)</i>	
9.10 - 9.40	OPENING LECTURE: CKD-MBD in 2014: WHAT IS NEW? <i>M. Cozzolino</i>	
9.40 - 10.20 <i>Chairs:</i>	UPTODATE 2014: HOT TOPICS <i>Z. Massy (France) - D. Goldsmith (UK)</i>	
9.40	P. URENA-TORRES ( <i>France</i> ) Discussion	Bone disease in CKD
10.00	P. EVENEPOEL ( <i>Belgium</i> ) Discussion	CKD-MBD in kidney transplant
10.20	A. COVIC ( <i>Romania</i> ) Discussion	The hidden phosphate
10.20 - 10.40	COFFEE BREAK	
10.40 - 12.40 <i>Chairs:</i>	ORAL PRESENTATIONS <i>J. Bover (Spain) - V. Brandenburg (Germany) - S. Mazzaferro (Italy)</i>	
12.30 - 1.10 p.m.	LECTURE: PROGRESSION OF RENAL DISEASE AND CKD-MBD: WHICH LINK? <i>M. VERVLOET (The Netherlands)</i>	
1.10 - 2.00	LUNCH	
2.00 - 3.30 2.00	MEET THE EXPERTS: HOW TO TREAT CKD-MBD PATIENTS A. COVIC - B. BRANDENBURG Phosphate binders: calcium based vs. calcium free Discussion	
2.30	D. GOLDSMITH - S. MAZZAFERRO Discussion	<i>Vitamin D?</i>
3.00	Z. MASSY - J. BOVER Discussion	<i>Calcimimetic</i>
3.30	P. URENA-TORRES - P. EVENEPOEL Discussion	<i>New biomarkers</i>
3.30 - 4.20 <i>Chairs:</i>	WHAT DID WE LEARN? <i>M. Cozzolino - M. Vervloet</i>	
4.20 - 4.30	CLOSING REMARKS AND NEXT STEPS <i>M. Cozzolino</i>	

An application will be made to the European Accreditation Council for Continuing Medical Education (EACCME) for CME accreditation. The EACCME is an Institution of the European Union of Medical Specialists (UEMS). Delegates receiving certificates for ECMEC credits must contact their National Accreditation Authority to have the credits recognized (or converted) in their country of practice.

**PARTICIPATION IS FREE AND LIMITED TO THE FIRST 500 PEOPLE - DEADLINE REGISTRATION: NOVEMBER 30, 2014  
SIMULTANEOUS TRANSLATION IS PROVIDED**

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# PROGRAM

Friday, December 5, 2014

6.00 p.m. **WELCOME CEREMONY**

6.30 - 7.30 **Opening Lecture**

Chairman: **A. SANTORO** (*Bologna*)

**G. CAPASSO** (*Naples*)

A translational approach to salt-dependent arterial hypertension

## Saturday, December 6, 2014

Morning *Round Table*

### **BONE, KIDNEY, LIPIDS AND THE CARDIOVASCULAR SYSTEM IN CKD**

Chairmen: G. DEFERRARI (*Genoa*) - P. MENÈ (*Rome*)

8.45 a.m. **S. MAZZAFERRO** (*Rome*)  
The role of vitamin D endocrine system

9.20 **M. COZZOLINO** (*Milan*)  
The role of phosphate

9.55 **P. MESSA** (*Milan*)  
The role of the bone endocrine system

10.30 **Z. MASSY** (*Paris*)  
The role of lipids and uremic toxins

11.05 - 12.00 Discussion

Afternoon *Minisymposium*

### **EMERGING PERSPECTIVES AND NEW ORGANIZATIONAL MODELS IN THE FOLLOW-UP OF RENAL TRANSPLANT**

Chairmen: G. QUINTALIANI (*Perugia*) - P. STRATTA (*Novara*)

2.30 p.m. **V. SPARACINO** (*Palermo*)  
The point of view of the National Transplantation Center

3.00 **S. SANDRINI** (*Brescia*)  
The point of view of the nephrologist working in a Unit performing the transplant procedure

3.30 **G. BATTAGLIA** (*Acireale*)  
The point of view of the nephrologist working in a Unit without direct transplantation activity

4.00 - 4.30 Discussion

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5.00 - 7.00 p.m. **CLINICO-PATHOLOGICAL CONFERENCE**

Chairmen: S. PASQUALI (*Reggio Emilia*) - A. PANI (*Cagliari*)

## Sunday, December 7, 2014

Morning *Round Table*

### NEW THERAPEUTIC AGENTS IN RENAL DISEASES

Chairmen: F.P. SCHENA (*Bari*) - M. BONOMINI (*Chieti*)

8.45 a.m. F. FERVENZA (*Rochester*)

Rituximab in glomerulonephritis and vasculitis

9.30 G. REMUZZI (*Bergamo*)

Eculizumab in atypical hemolytic uremic syndrome and thrombotic microangiopathies

10.00 D. ROCCATELLO (*Turin*)

Other biotechnological drugs of potential interest in immunologically-mediated renal diseases

10.30 R. COPPO (*Turin*)

Bortezomib and other proteasome inhibitors in the treatment of the renal complications of myeloma and other renal diseases

11.00 - 12.00 Discussion

Afternoon *Minisymposium*

### TECHNOLOGICAL ADVANCES IN NEPHROLOGY: CLINICAL AND RESEARCH IMPACT

Chairmen: C. ZOCCALI (*Reggio Calabria*) - D. CUSI (*Milan*)

2.30 p.m. F. SCOLARI (*Brescia*)

Deep sequencing improves the diagnosis of renal diseases

3.00 A. PANI (*Cagliari*)

The utility of Genome Wide Association Studies (GWAS) in chronic renal disease

3.30 M.T. ROCCHETTI (*Bari*) - L. GESUALDO (*Bari*)

Mass spectrometry-based proteomic and metabolomic for the research of biomarkers of progression in chronic kidney diseases

4.15 M.P. RASTALDI (*Milan*)

Advanced microscopy and spectrophotometry to study glomerular cell physiology and disease

4.45 - 5.30 Discussion

6.00 - 7.00 WINE CHEESE AND RESEARCH

POSTER SESSION

Monday, December 8, 2014

Morning *Round Table*

**TRAJECTORIES OF KIDNEY FUNCTION DECLINE IN CKD UP TO END-STAGE AND DEATH**

Chairmen: A. LUPO (*Verona*) - F. LOCATELLI (*Lecco*)

8.45 a.m. **A. SANTORO** (*Bologna*)

Different possible trajectories of decline (from stabilization to very rapid progression), and determining factors (type of disease, ethnicity, age, etc.)

9.20 **R. MINUTOLO** (*Naples*)

Treatment of major factors of progression: from theory to clinical practice

9.55 **G. GAMBARO** (*Rome*)

Dialysis is the only treatment option for all patients with end-stage renal failure, or a role for maximum conservative management (palliative care) can be considered for some frail patients?

10.30 **A. DAVENPORT** (*London*)

Do quality of the dialysis facility and modality of dialysis treatment influence survival of patients?

11.05 Discussion

End of the Course

# GENERAL INFORMATION

## *SPECIALTIES INVOLVED*

- **NEPHROLOGY**
- **IMMUNOLOGY**
- **RHEUMATOLOGY**

## *REGISTRATION FEES*

In case your registration fee will be invoiced to a Company or Institution please subtract 22% from the total amount.

- European Countries € 500,00 **(VAT included)**
- Non-European Countries € 300,00 **(VAT included)**
- Students worldwide € 250,00 **(VAT included)**  
(a certificate of student status has to be provided)

## *Bank transfer order in favour of:*

**Fondazione D'Amico per la Ricerca sulle Malattie Renali**  
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**BIC/SWIFT Code: UNCRITM1MF5**

## *OFFICIAL LANGUAGES*

**Italian and English**

*(simultaneous translation will be provided for the whole duration of the Course)*