Nephrolithiasis: a systemic disorder

Rome (Italy), March 21st – 23rd, 2013

Organized by
Division of Nephrology and Dialysis
COLUMBUS-GEMELLI UNIVERSITY HOSPITAL
UNIVERSITÀ CATTOLICA DEL SACRO CUORE, ROME, ITALY

Promoted by

PROGRAM

Palazzo Brancaccio
Viale del Monte Oppio, 7 – Largo Brancaccio, 82/a
The International Meeting “Nephrolithiasis: a systemic disorder” aims to provide a comprehensive review of all major issues regarding pathophysiological, diagnostic and therapeutic aspects of such a challenging topic.

Is Nephrolithiasis a systemic condition? The major scientists in the field will present data and up-to-date lectures to address all the aspects of this complex puzzle. In the end, we think the answer to the question will be: “Yes, it is”.

We are extremely honoured to invite you to attend this meeting and contribute with your interaction to the scientific success of the symposium.

See you in Rome next Spring.

Co-Presidents of the Meeting
Giovanni Gambaro and Emanuele Croppi
Under the Auspice of

Società Italiana di Nefrologia (SIN)
European Renal Association (ERA)
European Dialysis and Transplantation Association (EDTA)

Co-Presidents of the Meeting

Giovanni Gambaro  
Division of Nephrology and Dialysis  
Columbus-Gemelli University Hospital  
Università Cattolica Del Sacro Cuore  
Rome, Italy

Emanuele Croppi  
Professore A.C.  
Università degli Studi di Firenze  
Florence, Italy

Organizing Secretariat - Provider

AVEC S.r.l. - Incentive Paintings - Angela Volpe / Claudia Cislaghi  
Via Lavoratori Autobianchi, 1 - c/o Polo Tecnologico Brianza - Edificio 9 - Ufficio 14  
I-20832 Desio (MB), Italy  
Phone: +39 0362 581579 – Fax: +39 0362 544211  
E-mail: angela.avec@innopharma.it / claudia.avec@innopharma.it

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Fondazione Internazionale Menarini  
Via W. Tobagi, 8  
I-20068 Peschiera Borromeo (Milan, Italy)  
Phone: +39 02 55308110  
Fax: +39 02 55305739  
E-mail: milan@fondazione-menarini.it  
Http:\www.fondazione-menarini.it
Thursday, March 21st, 2013 - Afternoon

06.00 p.m. – 06.15 p.m. **Welcome address**
G. Gambaro (Rome, I) and E. Croppi (Florence, I)

Chairpersons: P.F. Bassi (Rome, I)
R. Landolfi (Rome, I)

06.15 p.m. – 07.00 p.m. **Main Lecture**
F.L. Coe (Chicago, USA)
Heredity and environment in pathogenesis of calcium renal stones

07.00 p.m. Welcome cocktail
Session I – Uric acid nephrolithiasis
Chairpersons: B. Rutkowski (Gdansk, PL)  
R. Pontremoli (Genoa, I)
08.30 a.m. – 08.55 a.m.  
K. Sakhaee (Dallas, USA)  
Epidemiology and Clinical Pathophysiology of Uric Acid Stones
08.55 a.m. – 09.20 a.m.  
J. Williams (Indianapolis, USA)  
Noninvasive differentiation of uric acid versus non-uric acid kidney stones
09.20 a.m. – 09.45 a.m.  
A. D’Addessi (Rome, I)  
Treatment of uric acid stones

Session II – Calcium nephrolithiasis and uric acid
Chairperson: G.F. Ferraccioli (Rome, I)
09.45 a.m. – 10.10 a.m.  
M. Marangella (Turin, I)  
Calcium nephrolithiasis, gout and uric acid stones: how are they related?
10.10 a.m. – 10.35 a.m.  
D.S. Goldfarb (New York, USA)  
Treatment of calcium nephrolithiasis in the hyperuricosuric patient
10.35 a.m. – 11.00 a.m.  
Coffee break

Session III - Genetics and metabolism of uric acid
Chairpersons: G. Colussi (Milan, I)  
D. Cusi (Milan, I)
11.00 a.m. – 11.25 a.m.  
M. Ciullo (Naples, I)  
Genetics findings from the Global Urate Genetics Consortium
11.25 a.m. – 11.50 a.m.  
F. Grases (Palma de Mallorca, E)  
Familial uric acid stones

Session IV - Nephrolithiasis and hypertension
Chairperson: N. Kong (Kuala Lumpur, MAL)
11.50 a.m. – 12.15 a.m.  
G. Gambaro (Rome, I)  
Is there an association between CKD and renal stones?
12.15 a.m. – 01.00 p.m.  
Main Lecture
E. Ritz (Heidelberg, D)  
Chronic urate nephropathy: does it exist?
01.00 p.m. – 02.00 p.m.  
Lunch
Session V – Nephrolithiasis and hypertension

Chairpersons:  
N. Di Daniele (Rome, I)  
A. Stella (Monza, I)

02.00 p.m. – 02.25 p.m.  
P. Strazzullo (Naples, I)  
What’s the link between Nephrolithiasis and hypertension?

02.25 p.m. – 02.50 p.m.  
TBA  
Dietary sodium and renal stone prevention

Session VI – Nephrolithiasis and the metabolic syndrome

Chairpersons:  
P. Mené (Rome, I)  
G. Mingrone (Rome, I)

02.50 p.m. – 03.15 p.m.  
O.W. Moe (Dallas, USA)  
Uric Acid: A Multisystem Metabolic Disorder

03.15 p.m. – 03.40 p.m.  
D. Rendina (Naples, I)  
What’s the evidence of the association between the metabolic syndrome and nephrolithiasis?

03.40 p.m. – 04.05 p.m.  
J.C. Lieske (Rochester, USA)  
Bariatric surgery and nephrolithiasis

04.05 p.m. – 04.30 p.m.  
Coffee break

Session VII – Nephrolithiasis and bone disease

Chairpersons:  
M.L. Brandi (Florence, I)  
A. Covic (Iasi, RO)

04.30 p.m. – 04.55 p.m.  
Ph. Jaeger (London, UK / Geneve, CH)  
The metabolic bone disease in the stone former

04.55 p.m. – 05.20 p.m.  
E. Letavernier (Paris, F)  
Fasting hypercalciuria: bone vs. kidney

05.20 p.m. – 05.45 p.m.  
D. Prié (Paris, F)  
FGF23 and renal stones

05.45 p.m. – 06.10 p.m.  
R. Unwin (London, UK)  
Renal tubular acidosis and renal stones
Saturday, March 23rd, 2013 – Morning

Chairman: **TBA**

08.30 a.m. – 09.15 a.m. **Main Lecture**
*G. Remuzzi* (Bergamo, I)
Rare diseases as a challenge for medicine and society

**Session VIII – Nephrolithiasis and the cardiovascular risk**

Chairpersons: **G. Ghirlanda** (Rome, I)  
**J.C. Lieske** (Rochester, USA)

09.15 a.m. – 09.40 a.m. **P.M. Ferraro** (Rome, I)
Is there a risk of cardiovascular disease in renal stone formers?

**Session IX – Nephrolithiasis, genetics vs. environment**

Chairpersons: **O.W. Moe** (Dallas, USA)  
**J. Reis Santos** (Lisbon, P)

09.40 a.m. – 10.05 a.m. **A. Trinchieri** (Lecco, I)
Global warming and Nephrolithiasis

10.05 a.m. – 10.30 a.m. **L. Soldati** (Milan, I)
Nutrigenomics and Nephrolithiasis

10.30 a.m. – 10.55 a.m. **G. Curhan** (Boston, USA)
Nutrition and renal stones: results from the large epidemiological studies

10.55 a.m. – 11.20 a.m. **Coffee break**

**Session X – Calcium sensing receptor and Nephrolithiasis**

Chairpersons: **A. Cupisti** (Pisa, I)  
**A. Pontecorvi** (Rome, I)

11.20 a.m. – 11.45 a.m. **G.B. Capasso** (Naples, I)
Tubular CaSR and lithogenesis

11.45 a.m. – 12.10 a.m. **G. Vezzoli** (Milan, I)
Extrarenal CaSR extrarenale, hyperparathyroidism and lithogenesis

**Session XI – The tools for the internal medicine follow-up of the renal stone patient**

Chairperson: **R. Caudarella** (Bologna, I)

12.10 a.m. – 12.35 a.m. **A. Nouvenne** (Parma, I)
The nutritional evaluation, the Parma software

12.35 a.m. – 01.00 p.m. **C. Vitale** (Turin, I)
The urinary saturation evaluation: the LithoRisk software

01.00 p.m. – 01.25 p.m. **E. Croppi** (Florence, I)
The global evaluation, the Delta software

01.25 p.m. – 01.50 p.m. Concluding Remarks

01.50 p.m. – 03.30 p.m. **Lunch**
GENERAL INFORMATION

Meeting venue
The Congress will take place at Palazzo Brancaccio, Viale del Monte Oppio, 7 – Largo Brancaccio, 82/a - 00184 Rome (Italy).

Secretariat during the Meeting
Opening hours:
Thursday, March 21st: from 5.30 p.m. to 07.00 p.m.
Friday, March 22nd: from 08.00 a.m. to 06.00 p.m.
Saturday, March 23rd: from 08.00 a.m. to 01.00 p.m.

Official language
The official language of the Meeting will be English. Simultaneous translation will not be provided.

Registration
Meeting attendance is free of charge. Please return the Registration form to:
AVEC S.r.l. - Incentive Paintings - Angela Volpe / Claudia Cislaghi
Via Lavoratori Autobianchi, 1 - c/o Polo Tecnologico Brianza - Edificio 9 - Ufficio 14
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CME Credits
CME credits will be applied by the Italian Health Authorities for Italian physicians.

Technical facilities
Facilities will be available for computer presentations and overhead projections.
A slide centre with PC (Windows and Mac) will be available to check and preview of presentations.
Speakers are requested to give a copy of their presentation on USB memory stick, CD or DVD to the technicians at the slide centre at least one hour before the session.

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Saturday, March 23rd: from 08.00 a.m. to 01.00 p.m.

Lunches and coffee breaks
Lunches and coffee breaks will be served in the Meeting area.

Abstracts book
Participants will receive the Abstract book at the Meeting.

Certificate of attendance
The certificate of attendance, only valid for fiscal purpose, are issued upon request and actual presence at the congress. To request the certificate it is necessary to apply at the registration desk.
Instruction for Abstract Preparation

Speakers and Participants are requested to prepare a two pages abstract exactly in accordance with the following instructions.

Guidelines:

✓ **Format.** Use A4 format (210 x 297mm) and margins: top – 13,5mm, bottom – 13,5mm, left – 15mm, right – 15mm. Do not type outside defined area and do not leave extra margins. The text should be edited in 12-point Times New Roman. If Times New Roman is not available, a font similar to Times New Roman should be used.

✓ **Title.** Leave three lines of space from the top, then type the paper title in initial capital letters only, without indentation. Make the title bold. Title should clearly indicate the aim of the presentation.

✓ **Abbreviations** should be avoided in the title but they can be used in the text after defining them first.

✓ **Author's Name.** Leave one line of space after the title, and then type the author's full name with initial capitals only. Author's initials are typed after their names.

✓ **Author’s Address**. Leave one line of space, and then type the author's address in upper and lower case. Please include the full postal address. If authors have different addresses, please use an asterisk, or similar symbol, to indicate which authors are at which address. Please start each address on a new line.

✓ **Text.** Indent (8.5 mm) the text at the beginning of each new paragraph. Do not leave a blank line between paragraphs. The text should be justified.

✓ **Abstract should include:**
  * Specific study’s **objective**
  * **Methods** used, if pertinent
  * Summary of the obtained **results**
  * **Conclusions**
  * One chart can be included
  * References

✓ **Language.** Abstract must be submitted and presented in English.

Submission:

✓ Abstract must be sent by **December 28th** to the following e-mail address: avec@innopharma.it.

Please make sure to send the complete final version of your abstract. It will be exactly reproduced as submitted.
Posters

Posters will be exhibited during the meeting and a special session will be dedicated to the poster’s discussion. If the number of proposed posters exceeds our ability to accommodate them, Proff. Gambaro and Croppi will select the posters to optimize the topics’ variety.

Poster acceptance notification will be sent to the authors by the end of January 2013.

Detailed information and guidelines for poster presentation will be sent to authors whose abstracts are accepted for presentation.
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REGISTRATION FORM
Family name______________________________________________________________
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Meeting attendance is free of charge. Please return the Registration form to:
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Date ________________ Signature ____________________________