



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Ospedaliero - Universitaria di Bologna

Policlinico S. Orsola-Malpighi

11/06/2012

International Symposium on:
URIC ACID, GOUT AND BEYOND:
IS CV RISK A NEW OBJECTIVE?

Bologna (Italy), October 25th - 27th, 2012

Organized by

UNITÀ OPERATIVA MEDICINA INTERNA
AZIENDA OSPEDALIERO – UNIVERSITARIA
POLICLINICO S. ORSOLA-MALPIGHI

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA

Promoted by



FONDAZIONE
INTERNAZIONALE
MENARINI

PROGRAM

Salone Bolognini - Convento S. Domenico
(Piazza San Domenico, 13)

Salone Imperiale - Royal Hotel Carlton
(Via Montebello, 8)

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The role of serum uric acid as a risk factor for CV disease has been extensively debated for many years without reaching a final agreement among clinicians and researchers. In particular, most of the evidence about the pathogenetic role of uric acid in CV disease has been achieved in the population of patients with severe hyperuricemia or gout while its role in patients with mildly elevated serum levels of uric acid is only poorly recognized. Serum uric acid had been described as an important, independent risk factor for cardiovascular and renal disease in patients with hypertension, heart failure, or diabetes. Elevated serum uric acid is highly predictive of mortality in patients with heart failure or coronary artery disease and of cardiovascular events in patients with diabetes. Although the mechanism(s) by which uric acid may play a pathogenetic role in cardiovascular disease is still unclear, hyperuricemia is associated with deleterious effects on endothelial function, oxidative metabolism, hemorheology and platelet aggregation. From the therapeutic point of view, recent findings from LIFE suggest the possibility that a treatment-induced decrease in serum uric acid may indeed attenuate cardiovascular risk. Nevertheless, the impact of a reduction in serum uric acid on CV risk profile remains to be determined and randomized clinical trials are needed to further investigate the cardioprotective benefits of a management of hyperuricemia.

The main purpose of the present symposium is twofold. First of all to emphasize the role of uric acid in the pathogenesis of gout and gout-related non-rheumatic diseases including renal impairment. Second to provide an updated review of the evidence supporting a possible and relevant role of (elevated) uric acid as a risk factor for cardiovascular diseases. To fulfill this goal we will present a series of comprehensive lectures mainly focused on the different aspects of the relationship between serum uric acid and cardiovascular diseases with the aim to define whether or not the increase in the amount of our knowledge about uric acid may contribute to the pathogenesis of cardiovascular diseases.

President of the Meeting
Claudio Borghi

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Under the Auspices of

University of Bologna
Faculty of Medicine of the University of Bologna
Major of the City of Bologna
ESH (European Society of Hypertension)
SIIA (Italian Society of Hypertension)
Italian Society of Rheumatology

President of the Meeting

Claudio Borghi
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Thursday, October 25th, 2012 – Afternoon
Salone Bolognini - Convento S. Domenico

Opening ceremony

18.00 **Welcome address**
C. Borghi (Bologna, I)

18.15 **Main Lecture**

Introduction: **E. Ambrosioni** (Bologna, I)

M. Alderman (New York, USA)
Serum Uric Acid and cardiovascular risk: facts and fiction

19.00 Welcome cocktail

Friday, October 26th, 2012 – Morning
Salone Imperiale - Royal Hotel Carlton

Session I – Serum Uric Acid and Gout: from the past to molecular biology

Chairpersons: **S. Bombardieri** (Pisa, I)
F. Perez-Ruiz (Vizcaya, E)

- 08.30 **G. Fornaciari** (Pisa, I)
An historical viewpoint: “The gout of Medici”
- 09.00 **T. Neogi** (Boston, USA)
The epidemiology of hyperuricemia and gout
- 09.30 **L. Punzi** (Padua, I)
Updated recommendations for the diagnosis of gout and hyperuricemia
- 10.00 **A. So** (Lausanne, CH)
The inflammasome, uric acid and gout
- 11.30 *Coffee break*

Session II – Serum uric acid and metabolic risk

Chairpersons: **A. Facchini** (Bologna, I)
R.E. Schmieder (Erlangen, D)

- 11.00 **F. Perez-Ruiz** (Vizcaya, E)
How can uric acid promote gout and CV diseases? A biochemical point of view
- 11.30 **T. Gibson** (London, UK)
Uric acid, kidney function and the metabolic syndrome
- 12.00 **R. Trevisan** (Bergamo, I)
Uric acid, gout and diabetes mellitus: a multifaceted connection
- 12.30 *Lunch*

Friday, October 26th, 2012 – Afternoon
Salone Imperiale - Royal Hotel Carlton

Session III – How to manage the patients with gout

Chairpersons: **A. Manolis** (Athens, GR)
G. Minisola (Rome, I)

- 14.00 **G. Bakris** (Chicago, USA)
The interaction between gout and other rheumatic diseases: current trends
- 14.30 **M. Muscaritoli** (Rome, I)
The non pharmacological management of hyperuricemia and gout
- 15.00 **T. Bardin** (Paris, F)
Gout: therapeutical aspects in the third millennium
- 15.30 **G. Desideri** (L'Aquila, I)
The challenge of gout management in the elderly
- 16.00 *Coffee break*

Session IV – Serum uric acid and cardio-renal diseases

Chairpersons: **T. Neogi** (Boston, USA)
M. Volpe (Rome, I)

- 16.30 **L. Ruilope** (Madrid, E)
Uric acid, kidney function and hypertension
- 17.00 **R. Pontremoli** (Genoa, I)
Serum uric acid levels, gout and progression of renal disease
- 17.30 **C. Ferri** (L'Aquila, I)
Gout and cardiovascular diseases: what is the evidence?

Saturday, October 27th, 2012 – Morning
Salone Imperiale - Royal Hotel Carlton

Session V – Beyond the gout: uric acid and cardiovascular diseases-1

Chairpersons: **G. Mancia** (Milan - Monza, I)
S. Erdine (Istanbul, TR)

- 08.30 **C. Borghi** (Bologna, I)
Uric acid and CV disease: a look into epidemiology
- 09.00 **J. Blacher** (Paris, F)
The mechanisms of vascular dysfunction in patients with hyperuricemia
- 09.30 **S. Taddei** (Pisa, I)
Serum uric acid and the endothelium
- 10.00 **S. Amaro** (Barcelona, E)
Uric acid and cerebrovascular diseases
- 10.30 *Coffee break*

Session VI – Beyond the gout: uric acid and cardiovascular diseases-2

Chairpersons: **E. Ambrosioni** (Bologna, I)
A. Heagerty (Manchester, UK)

- 11.00 **R. Cifkova** (Prague, CZ)
Uric acid and clinical prognosis in patients with pre-eclampsia
- 11.30 **G. Grassi** (Monza - Milan, I)
Uric acid in overweight and obese patients
- 12.00 **E. Agabiti-Rosei** (Brescia, I)
Serum uric acid and cardiac target organ damage
- 12.30 **A.D. Struthers** (Dundee, UK)
Can we affect the CV diseases by managing serum uric acid?
- 13.00 Concluding Remarks
- 13.15 *Lunch*

GENERAL INFORMATION

Meeting venue

The venue for the Meeting will be:

- October 25th, *Salone Bolognini, Convento S. Domenico* (Piazza San Domenico, 13 - Bologna, Italy)
- October 26th – 27th, *Salone Imperiale - Royal Hotel Carlton* (Via Montebello, 8 – Bologna, Italy)

Secretariat during the Meeting

The Secretariat will be open at the following times:

Biblioteca S. Domenico

Thursday, October 25th, from 05.00 p.m. to 07.00 p.m.

Salone Imperiale - Royal Hotel Carlton

Friday, October 26th, from 07.30 a.m. to 06.00 p.m.

Saturday, October 27th, from 07.30 a.m. to 01.30 p.m.

Official language

The official language of the Meeting will be English.

Registration

The Meeting is free to attend. Please confirm the participation to the Organizing Secretariat (I&C s.r.l., Via Andrea Costa, 202/6, I-40134 Bologna, Italy, Tel.: +39 051 6144004, Fax: +39 051 6142772, E-mail: federica.schiassi@iec-srl.it, stefania.parolari@iec-srl.it) **within Friday, September 28th, 2012.**

Technical facilities

Facilities will be available for computer presentations and overhead projections.

A slide center with PC (Powerpoint for Windows) will be available for check and preview of presentations. It is essential that speakers take their presentation to the slide center at least one hour before the session starts.

The slide center will be open at the following times:

Biblioteca S. Domenico

Thursday, October 25th, from 05.00 p.m. to 07.00 p.m.

Salone Imperiale - Royal Hotel Carlton

Friday, October 26th, from 07.30 a.m. to 06.00 p.m.

Saturday, October 27th, from 07.30 a.m. to 01.30 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.