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Società Italiana di Reumatologia

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ANNALS of the
New York Academy of Sciences

Scientific Secretariat



Research Laboratory and Clinical Academic Unit of Rheumatology
Department of Internal Medicine
University of Genova

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Conference Venue

Congress Center c/o
Grand Hotel Miramare
Via Milite Ignoto, 30
16038 Santa Margherita Ligure
Genova (Italy)
Tel. +39 0185 287013
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Organizing Secretariat

Elsevier Srl
Via Paleocapa, 7
20121 Milano - Italy
Tel. +39 02 88184256
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conference@4thNEIRD.com
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Location

Situated at 39 km
from Genova airport.

Abstract

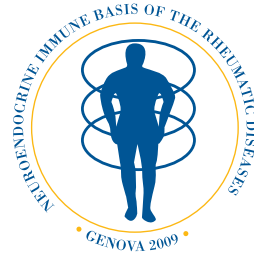
The Scientific Committee invites
Authors to submit abstracts
for consideration and inclusion
in the programme.
See the website:
www.4thNEIRD.com
for further details.

Dead line for Abstract Submission

March 4th, 2009

Deadline for registration

April 10th, 2009



4th International Conference on

NeuroEndocrine Immunology in Rheumatic Diseases

Translation from Basics to Clinics

Genova - Santa Margherita Ligure - Italy
from May 8 to 10, 2009

Preliminary Faculty

Luciano Adorini, Italy
Fabiola Atzeni, Italy
Johannes W.J. Bijlsma, The Netherlands
Frank Buttgerit, Germany
Silvia Capellino, Germany/Italy
Hans Carlsten, Sweden
Andrew Cope, United Kingdom
Maurizio Cutolo, Italy
José A.P. Da Silva, Portugal
Steffen Gay, Switzerland
Miguel A. Gonzalez-Gay, Spain
David S. Jessop, United Kingdom
John Kirwan, United Kingdom
Tore K. Kvien, Norway
Robert G. Lahita, USA
Tanja Lange, Germany
Michael D. Lockshin, USA
Giovanni L. Mancardi, Italy
Alfonse T. Masi, USA
Marco Matucci-Cerinic, Italy
Ian B. McInnes, United Kingdom
PierLuigi Meroni, Italy
Ulf Müller-Ladner, Germany
Roald Omdal, Norway
Jozef Rovensky, Slovak Republic
Piercarlo Sarzi-Puttini, Italy
Hans-Georg Schaible, Germany
Yehuda Shoenfeld, Israel
Klaus Stark, Germany
Christoph Stein, Germany
Rainer H. Straub, Germany
Oliver Szolar, Austria
Paul-Peter Tak, The Netherlands
Angela Tincani, Italy
Gabriele Valentini, Italy
Guido Valesini, Italy
Christine Wolff, Germany
Grant Zimmermann, USA

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Course closing

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Language

The official Conference language will be English.
Simultaneous English ↔ Italian translation will be provided.

CME credits

Accreditation for CME will be requested to the EU Office and to the Italian Health Ministry.

Invited Lectures

Duration: 15 minutes
Related Discussion: 5 minutes
(will follows each Lecture)

Selected Presentations

Duration: 10 minutes
Related Discussion: 5 minutes
(will follows each Presentation)

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Preliminary Program

FRIDAY May 8th, 2009

12.00-13.00 Welcome Lunch

13.00-13.30 Welcome Address and National/Academic Authorities

13.30-14.50 **SESSION 1: INTRODUCTION - TRANSLATION FROM BASIC TO CLINIC**

Chairs: Johannes W.J. Bijlsma, The Netherlands; Tore K. Kvien, Norway;
Michael D. Lockshin, USA

13.30-13.50 Johannes W.J. Bijlsma, The Netherlands

The history of neuroendocrine immune research

13.50-14.10 Klaus Stark, Germany

Genetics in neuroendocrine immunology - are there any links to therapy?

14.10-14.30 Ulf Müller-Ladner, Germany

Adipocytokines: bridging the gap between immunity and atherosclerosis

14.30-14.50 Maurizio Cutolo, Italy

Translation from Basic to Clinic - The concept of this meeting

15.00-18.00 **SESSION 2: SEX HORMONES - BASIC AND CLINICAL RESEARCH**

Chairs: José A.P. Da Silva, Portugal; Robert G. Lahita, USA; Alfonse T. Masi, USA

15.00-15.20 Tore K. Kvien, Norway

Effects of sex on disease course and outcome in rheumatoid arthritis

15.20-15.40 Michael D. Lockshin, USA

The gender dimorphism in rheumatic diseases explained by non-hormonal mechanisms

15.40-16.00 Maurizio Cutolo, Italy

Phagocytic cells as targets of estrogens and estrogen metabolites

16.00-16.30 Break

16.30-16.50 Hans Carlsten, Sweden

T cells, immune responses, and bone loss: the estrogen connection

16.50-17.10 Rainer H. Straub, Germany

Complex role of estrogens - look on different players to explain some conflicts

SELECTED ORAL PRESENTATIONS

17.15-17.30 Jozef Rovinsky, Slovak Republic

Rheumatic Diseases and Klinefelter's Syndrome

17.30-17.45 Alan Tyndall, Switzerland

The potential role of the peripheral nervous system in systemic sclerosis pathogenesis

17.45-18.00 N.N.
Title

19.15 Opening party



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SATURDAY May 9th, 2009

09.00-12.00 SESSION 3: GLUCOCORTICOIDS

Chairs: Johan J. W. Bijlsma, The Netherlands; Luciano Adorini, Italy; Alfonse T. Masi, USA

09.00-09.20 Jose A.P. Da Silva, Portugal

**Current low dose glucocorticoid therapy in rheumatic diseases
The EULAR guidelines**

09.20-09.40 Johannes W.J. Bijlsma, The Netherlands

Low-dose glucocorticoid therapy in rheumatic diseases: an obligatory therapy

SELECTED ORAL PRESENTATIONS

09.40-09.55 Christine Wolff, Germany

**Adrenal reasons for inadequately low secretion of glucocorticoids
during the course of arthritis**

09.55-10.10 Grant Zimmermann, USA

**Selective amplification of glucocorticoid anti-inflammatory activity
and dissociation of side effects including HPA axis suppression
by a combination drug candidate**

10.10-10.25 Oliver Szolar, Austria

Role of inhibition of glucocorticoid degradation by licorice derivatives

10.30-11.00 Break

11.00-11.20 Luciano Adorini, Italy

Vitamin D and the immune-inflammatory response

11.20-11.50 **LECTURE ***

Piercarlo Sarzi-Puttini, Italy

**Neuroendocrine therapy for pain in fibromyalgia?
Present and future approaches**

11.50-13.00 **Poster Session and poster discussion on site**

13.00-14.00 Lunch

14.00-16.00 SESSION 4: CIRCADIAN RHYTHMS

Chairs: Maurizio Cutolo, Italy; Rainer H. Straub, Germany; Frank Buttgerit, Germany

14.00-14.20 Steffen Gay, Switzerland

The pathophysiological mosaic in arthritis

14.20-14.40 Tanja Lange, Germany

Effects of sleep and circadian rhythm on the human immune system

14.40-15.00 Maurizio Cutolo, Italy

Circadian rhythms and nocturnal hormones in rheumatoid arthritis

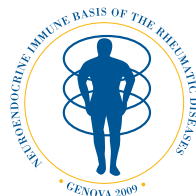
15.00-15.20 Frank Buttgerit, Germany

Modified-release versus standard prednisone in rheumatoid arthritis

15.20-15.40 John Kirwan, United Kingdom

**Effect of novel therapeutic glucocorticoids on circadian rhythms
of hormones and cytokines**

* Unrestricted educational grant from Angelini Spa - Italy



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SELECTED ORAL PRESENTATIONS

15.40-15.55 N.N.
Title

16.00-16.30 Break

16.30-19.00 SESSION 5: BIOLOGICS AND HORMONAL AXES

Chairs: Paul-Peter Tak, The Netherlands; Piercarlo Sarzi-Puttini, Italy; Andrew Cope, United Kingdom

16.30-16.50 Rainer H. Straub, Germany
Effects of TNF blockade on adrenal androgens

16.50-17.10 Piercarlo Sarzi-Puttini, Italy
Anti-TNF therapy restores the hypothalamic-pituitary-adrenal axis

17.10-17.30 Paul-Peter Tak, The Netherlands
Synovial tissue response to rituximab in rheumatoid arthritis

17.30-17.50 Andrew Cope, United Kingdom
Do gender and age affect anti-costimulatory molecule therapy?

17.50-18.10 Miguel A. Gonzalez-Gay, Spain
Insulin resistance in rheumatoid arthritis: the impact of anti-TNF-alpha therapy

SELECTED ORAL PRESENTATIONS

18.15-18.30 Fabiola Atzeni, Italy
Clinical improvement in etanercept treated psoriatic arthritis patients correlated with an increase of the serum cortisol relative to 17-hydroxyprogesterone and androstenedione

18.30-18.45 N.N.
Title

18.45-19.00 N.N.
Title

20.30 Dinner in Portofino



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SUNDAY May 10th, 2009

08.30-11.40 **SESSION 6: DOLOR, RUBOR, CALOR, TUMOR, FUNCTIO LAESA FROM ACUTE TO CHRONIC**

Chairs: Steffen Gay, Switzerland; Rainer H. Straub, Germany; Guido Valesini, Italy

08.30-08.50 Hans-Georg Schaible, Germany

Role of the nociceptive system in acute and chronic inflammation

08.50-09.10 Giovanni L. Mancardi, Italy

Pain and autoimmunity - the case of multiple sclerosis

09.10-09.30 Christoph Stein, Germany

Is there a role for opioidergic therapy in rheumatic diseases?

09.30-09.50 Paul-Peter Tak, The Netherlands

Activation of the cholinergic pathway as a novel treatment for rheumatoid arthritis

09.50-10.10 Silvia Capellino, Germany/Italy

Role of the sympathetic nervous system in acute and chronic inflammation

10.10-10.30 Break

10.30-10.50 Roald Omdal, Norway

**Sensorimotor neuropathy in rheumatic diseases
Clinical picture, etiology and treatment**

10.50-11.10 Guido Valesini, Italy

Neuroendocrine Immunology of fibromyalgia

11.10-11.30 David S. Jessop, United Kingdom

**Endomorphins in rheumatoid arthritis, osteoarthritis
and experimental arthritis**

11.30-13.10 **SESSION 7: THE VASCULAR - NEUROENDOCRINE IMMUNE CONNECTION**

Chairs: Ian McInnes, United Kingdom; Yehuda Shoenfeld, Israel; Gabriele Valentini, Italy

11.30-11.50 Ian B. McInnes, United Kingdom

The cytokine connection in atherosclerosis

11.50-12.10 Yehuda Shoenfeld, Israel

CNS involvement in autoimmunity and the role of smell

12.10-12.30 Angela Tincani, Italy

Hormonal effects in thrombosis in autoimmune rheumatic disease

12.30-12.50 Marco Matucci-Cerinic, Italy

Hormonal factors and microvascular damage in systemic sclerosis

12.50-13.10 PierLuigi Meroni, Italy

Simvastatins and atherosclerosis in autoimmunity

13.10-13.30 CME Self - Assessment Solution