Preliminary Faculty

Luciano Adorini, Italy
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Frank Buttgereit, 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. Lahtia, USA
Tanja Lange, Germany
Michael D. Lockshin, USA
Giovanni L. Mancardi, Italy
Alfonse T. Masi, USA
Marco Mautucci-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 Schäible, 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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Bijlsma Johannes W.J., Utrecht (N)
Lahtia Robert G., New York (USA)
Masi Alfonse T., Peoria (USA)
Straub Rainer H., Regensburg (D)

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Chrousos George, Athens (G)
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Dayer Jean Michel, Geneve (CH)
Emery Paul, Leeds (UK)
Gay Steffen, Zurich (S)
Gonzalez-Gay Miguel A., Lugo (E)
Lockshin Michael D., New York (USA)
Kvien Tore Kristian, Oslo (N)
McInnes Ian B., Glasgow (UK)
Mautucci-Cerinic Marco, Florence (I)
Meroni PierLuigi, Milan (I)
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Shoenfeld Yehuda, Tel Ashomer (IL)
Smolen Josef, Vienna (A)
Tak Paul-Peter, Amsterdam (NL)
Tincani Angela, Brescia (I)
Tyndall Alan, Basel (CH)
Valesini Guido, Rome (I)
## Preliminary Program

### FRIDAY May 8th, 2009

<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Event</th>
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<tbody>
<tr>
<td>12.00-13.00</td>
<td>Welcome Lunch</td>
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<tr>
<td>13.00-13.30</td>
<td>Welcome Address and National/Academic Authorities</td>
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<tr>
<td>13.30-14.50</td>
<td><strong>SESSION 1: INTRODUCTION - TRANSLATION FROM BASIC TO CLINIC</strong></td>
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<tr>
<td></td>
<td>Chairs: Johannes W.J. Bijlsma, The Netherlands; Tore K. Kvien, Norway;</td>
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<td>Michael D. Lockshin, USA</td>
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<tr>
<td>13.30-13.50</td>
<td>Johannes W.J. Bijlsma, The Netherlands</td>
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<tr>
<td></td>
<td><strong>The history of neuroendocrine immune research</strong></td>
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<tr>
<td>13.50-14.10</td>
<td>Klaus Stark, Germany</td>
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<td></td>
<td><strong>Genetics in neuroendocrine immunology - are there any links to therapy?</strong></td>
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<tr>
<td>14.10-14.30</td>
<td>Ulf Müller-Ladner, Germany</td>
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<td><strong>Adipocytokines: bridging the gap between immunity and atherosclerosis</strong></td>
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<tr>
<td>14.30-14.50</td>
<td>Maurizio Cutolo, Italy</td>
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<td><strong>Translation from Basic to Clinic - The concept of this meeting</strong></td>
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<tr>
<td>15.00-18.00</td>
<td><strong>SESSION 2: SEX HORMONES - BASIC AND CLINICAL RESEARCH</strong></td>
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<td>Chairs: José A.P. Da Silva, Portugal; Robert G. Lahita, USA; Alfonse T. Masi, USA</td>
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<tr>
<td>15.00-15.20</td>
<td>Tore K. Kvien, Norway</td>
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<td><strong>Effects of sex on disease course and outcome in rheumatoid arthritis</strong></td>
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<tr>
<td>15.20-15.40</td>
<td>Michael D. Lockshin, USA</td>
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<td></td>
<td><strong>The gender dimorphism in rheumatic diseases explained by non-hormonal mechanisms</strong></td>
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<tr>
<td>15.40-16.00</td>
<td>Maurizio Cutolo, Italy</td>
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<td><strong>Phagocytic cells as targets of estrogens and estrogen metabolites</strong></td>
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<tr>
<td>16.00-16.30</td>
<td>Break</td>
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<tr>
<td>16.30-16.50</td>
<td>Hans Carlsten, Sweden</td>
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<td><strong>T cells, immune responses, and bone loss: the estrogen connection</strong></td>
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<tr>
<td>16.50-17.10</td>
<td>Rainer H. Straub, Germany</td>
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<td><strong>Complex role of estrogens - look on different players to explain some conflicts</strong></td>
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### SELECTED ORAL PRESENTATIONS

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>17.15-17.30</td>
<td>Jozef Rovensky, Slovak Republic</td>
<td>Rheumatic Diseases and Klinefelter’s Syndrome</td>
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<tr>
<td>17.30-17.45</td>
<td>Alan Tyndall, Switzerland</td>
<td>The potential role of the peripheral nervous system in systemic sclerosis pathogenesis</td>
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<tr>
<td>17.45-18.00</td>
<td>N.N.</td>
<td>Title</td>
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<tr>
<td>19.15</td>
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<td>Opening party</td>
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### SATURDAY May 9th, 2009

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 3: Glucocorticoids</th>
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<tbody>
<tr>
<td>09.00-09.20</td>
<td>Jose A.P. Da Silva, Portugal&lt;br&gt;&lt;br&gt;Current low dose glucocorticoid therapy in rheumatic diseases&lt;br&gt;The EULAR guidelines</td>
</tr>
<tr>
<td>09.20-09.40</td>
<td>Johannes W.J. Bijlsma, The Netherlands&lt;br&gt;&lt;br&gt;Low-dose glucocorticoid therapy in rheumatic diseases: an obligatory therapy</td>
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</tbody>
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<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>09.40-09.55</td>
<td>Christine Wolff, Germany&lt;br&gt;&lt;br&gt;A&lt;br&gt;Adrenal reasons for inadequately low secretion of glucocorticoids during the course of arthritis</td>
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<tr>
<td>09.55-10.10</td>
<td>Grant Zimmermann, USA&lt;br&gt;&lt;br&gt;A&lt;br&gt;Selective amplification of glucocorticoid anti-inflammatory activity and dissociation of side effects including HPA axis suppression by a combination drug candidate</td>
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<tr>
<td>10.10-10.25</td>
<td>Oliver Szolar, Austria&lt;br&gt;&lt;br&gt;A&lt;br&gt;Role of inhibition of glucocorticoid degradation by licorice derivatives</td>
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<tr>
<td>11.00-11.20</td>
<td>Luciano Adorini, Italy&lt;br&gt;&lt;br&gt;A&lt;br&gt;Vitamin D and the immune-inflammatory response</td>
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<tr>
<td>11.20-11.50</td>
<td>Piercarlo Sarzi-Puttini, Italy&lt;br&gt;&lt;br&gt;A&lt;br&gt;Neuroendocrine therapy for pain in fibromyalgia? Present and future approaches</td>
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### SESSION 4: Circadian Rhythms

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<th>Time</th>
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<tbody>
<tr>
<td>14.00-14.20</td>
<td>Steffen Gay, Switzerland&lt;br&gt;&lt;br&gt;A&lt;br&gt;The pathophysiological mosaic in arthritis</td>
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<tr>
<td>14.20-14.40</td>
<td>Tanja Lange, Germany&lt;br&gt;&lt;br&gt;A&lt;br&gt;Effects of sleep and circadian rhythm on the human immune system</td>
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<tr>
<td>14.40-15.00</td>
<td>Maurizio Cutolo, Italy&lt;br&gt;&lt;br&gt;A&lt;br&gt;Circadian rhythms and nocturnal hormones in rheumatoid arthritis</td>
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<tr>
<td>15.00-15.20</td>
<td>Frank Buttgereit, Germany&lt;br&gt;&lt;br&gt;A&lt;br&gt;Modified-release versus standard prednisone in rheumatoid arthritis</td>
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<tr>
<td>15.20-15.40</td>
<td>John Kirwan, United Kingdom&lt;br&gt;&lt;br&gt;A&lt;br&gt;Effect of novel therapeutic glucocorticoids on circadian rhythms of hormones and cytokines</td>
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</tbody>
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* Unrestricted educational grant from Angelini Spa - Italy
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
SUNDAY May 10th, 2009

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

Chair: 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

Chair: Ian McInnes, United Kingdom; Yehuda Shoenfeld, Israel; Gabriele Valentinii, 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 Mutucci-Cerinici, 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