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EUROPEAN SOCIETY FOR CLINICAL INVESTIGATION

**43**

**rd ANNUAL SCIENTIFIC  
MEETING OF THE  
EUROPEAN SOCIETY FOR  
CLINICAL INVESTIGATION**

April 1 – 4, 2009  
Frankfurt/Main, Germany  
Campus Westend of the Johann Wolfgang  
Goethe-University

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**Final Programme**



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[www.esci.eu.com](http://www.esci.eu.com)

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## WELCOME ADDRESS

Dear Colleagues,

On behalf of our Society and the local organizing Committee I cordially invite you to the 43rd Annual Scientific Meeting of the European Society for Clinical Investigation. The meeting will take place in Frankfurt am Main, Germany, from April 1 – 4 th, 2009, at the Campus Westend of the Johann Wolfgang Goethe-University.



Frankfurt is an important financial and economic center in Europe but at the same time a place of history and tradition in Germany. Nicknamed Mainhattan by many people Frankfurt brings together extremes and is characterized by a multicultural and tolerant life style. Its central location in the heart of Europe and Germany makes Frankfurt an important traffic hub, which can be easily reached. Europe's second largest airport, Germany's largest railway station, and the motorway connections allow an comfortable way of getting here from almost everywhere in Europe.

It is our aim to bring together scientists from both the clinical and the laboratory side which you will find as a principle in the programme of the meeting. We welcome basic science orientated workshops like the phagocyte group and more clinically based workshops with the main topics centering around endocrinology and metabolism, rheumatology and cardiovascular diseases. A new activity of ESCI – the clinical research courses – is presented with a workshop on translational research. Taken together we are looking at an excellent programme of highest standards in clinical research which will make the meeting very attractive.

Further details about the scientific programme and the location is accessible on the ESCI website [www.esci.eu.com](http://www.esci.eu.com). For your online registration and more information about hotel reservation please look at [www.esci2009.com](http://www.esci2009.com)

We welcome you in Frankfurt in April!

PD Dr. W. A. Mann  
President of the local organizing committee

## WELCOME ADDRESS

Dear Colleagues and Friends,

Welcome to the 43rd Annual Scientific Meeting of the European Society for Clinical Investigation that will take place at the Westend Campus of the Johann Wolfgang Goethe-University in Frankfurt am Main, Germany, on April 1 – 4, 2009.

This year, the scientific program includes all aspects of advances in translational research in diverse fields, such as endocrinology, metabolism, diabetes, immunology, hematology, oncology, stem cells, rheumatology and cardiovascular diseases. Outstanding plenary speakers have been invited and a wealth of thematic workshops have been organised.

A young European biomedical researcher, Professor Josef Penninger of Austria, will receive the 2009 ESCI Award for Excellence in Biomedical Investigation, while the ESCI Leadership Albert Struyvenberg Medal is bestowed upon Professor Jo Marx, a true leader in European Clinical Investigation.

A quick glance of a new initiative of the ESCI – the development of a clinical research course entitled „Introduction to the Principles of Clinical Investigation“ – is presented with a workshop on translational research.

Enjoy Clinical Science and Frankfurt!

George P. Chrousos, MD, MACP, MACE, FRCP (London)  
ESCI President

## ESCI

### Board of ESCI

**President** Prof. George P. Chrousos, MD, PhD  
Athens, Greece

**Vice-president** Priv.-Doz. W. Alexander Mann, MD  
Frankfurt am Main, Germany

**Secretary-treasurer** Bruno Fouqueray, MD, PhD, Paris, France

**Councillors**

Prof. Jean-Jacques Boffa, MD, PhD  
Paris, France

Prof. Ashley B. Grossman, BA, BSc, MD, FRCP, FMedSci  
London, UK

Prof. Brenda R. Kwak, MD, PhD  
Geneva, Switzerland

Prof. Maciej T. Malecki, MD, PhD  
Cracow, Poland

Prof. Attila Mocsai, MD, PhD  
Budapest, Hungary, Phagocyte Group

Alexandre Persu, MD, PhD  
Brussels, Belgium

Prof. Piero Portincasa, MD, PhD  
Bari, Italy

Eva Tiensuu Janson, MD, PhD  
Uppsala, Sweden

Frank L.J. Visseren, MD, PhD  
Utrecht, the Netherlands

The European Society for Clinical Investigation was established in 1967 as a pan-European Society to integrate clinicians and scientists with a genuine interest in uncovering the mechanism of disease. Unrestricted by national boundaries, the society provides a forum for discussion, debate and meeting colleagues in order to advance the science of clinical investigation. The term ‚clinical investigation‘ is interpreted widely from bench to bedside including animal studies relevant to humans in health or disease. The society welcomes new members from all of Europe. As a member you will have access to important conferences and congresses held throughout Europe, and your membership entitles you to receive the European Journal of Clinical Investigation both in print and online. Further information about the journal can be found on the European Journal of Clinical Investigation homepage.

### The society in the future

The society has taken actions in order to welcome potential new members from the new European countries. This includes special membership fees, travel grants for young scientists to attend the annual meeting, the planning of courses in research training etc. The goal is to be the leading clinical research society in Europe. Membership of the European Society of Clinical Investigation includes subscription to our monthly journal, the European Journal of Clinical Investigation.

## ESCI MEMBERSHIP

**Being a member of the European Society of Clinical Investigation you will benefit from:**

- a free subscription to our monthly journal, the European Journal of Clinical Investigation
- getting a 15% discount on all Blackwell Publishing books
- of course, registration to the annual congresses at the cheaper rate for ESCI members.

**The membership rates are:**

Individual membership	€ 110,-
Junior membership	€ 55,-
Eastern-European members	€ 25,-

You may apply for membership of ESCI online using the application form.

**Junior membership: Any young scientist under the age of 30 can apply for junior membership of ESCI**

- Junior membership is for a maximum of three (3) years
- Junior members receive the European Journal of Clinical Investigation and have the same financial benefits as full members
- Junior members are not allowed to vote during the Annual Business Meeting, receive no membership certificate and are not eligible for any office
- Junior members can apply for full membership at any time

If you want to apply for junior membership and you meet the above mentioned requirements, please complete the application form and send it to the honorary secretary-treasurer.

### Corporate membership

Any company, corporation, organisation, or trust can apply for corporate membership in the Society. Applications shall be approved by the council.

[www.esci.eu.com](http://www.esci.eu.com)

### Central Office

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<http://www.esci.eu.com/>

## GENERAL INFORMATION

### President of the Congress

Priv.-Doz. Dr. W. Alexander Mann  
Endokrinologikum Frankfurt  
Stresemannallee 3  
60596 Frankfurt/Main, Germany  
[alexander.mann@endokrinologikum.com](mailto:alexander.mann@endokrinologikum.com)

### Congress Secretariat

Congress & Promotion  
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Amselweg 7  
61462 Königstein/Taunus, Germany  
Phone: +49 (0) 6174 / 93 35 95  
Fax: +49 (0) 6174 / 93 35 96  
[info@esci2009.com](mailto:info@esci2009.com)

### Date

Wednesday, April 1, 2009 through Saturday, April 4, 2009

### Venue

Campus Westend of the  
Johann Wolfgang Goethe-University  
Casinogebäude  
Grüneburgplatz 1  
60323 Frankfurt/Main

### Registration fee

includes scientific programme, coffee breaks, abstracts supplement, get-together reception

### Registration and Payment

	<b>before</b> Nov. 4, 2008	<b>before</b> Jan. 15, 2009	<b>after</b> Jan. 15, 2009
for ESCI Members	€ 300,-	€ 350,-	€ 430,-
Non ESCI-Members	€ 380,-	€ 430,-	€ 500,-
Students/ Young scientifics (under 35 *)	€ 190,-	€ 240,-	€ 300,-

\* copy of official document required

### One-day registration for

<b>April 1, 4</b>	€ 50,- each day
<b>April 2, 3</b>	€ 180,- each day

The fee should be paid in Euro by bank transfer to Deutsche Bank, BLZ 500 700 24, Account: N. Bock-Schildbach, treuhänderisch w/ESCI 2009, Account-No. 4798617, IBAN: DE32500700240479861700, BIC: DEUTDEDB535, clearly stating the participants name or by Euro cheque to the C & P office or by credit card (Eurocard/Mastercard).

## GENERAL INFORMATION

- Cancellation** Refund of registration fee can be applied for until March 20th, 2009. After this date no refund will be possible.
- Hotel reservation** For the ESCI-Congress hotels of different categories with easy access to the venue have granted special allotments for congress participants. Our reservation service is free of charge. To make a reservation, please apply direct via internet [www.esci2009.com](http://www.esci2009.com).
- Tourismus+Congress GmbH Frankfurt am Main  
Phone +49 (0) 69 / 21 23 87 03  
Fax: +49 (0) 69 / 21 23 07 76  
E-Mail: [info@infofrankfurt.de](mailto:info@infofrankfurt.de)  
Internet: [www.frankfurt-tourismus.de](http://www.frankfurt-tourismus.de)
- Scientific and technical exhibition:**  
There will be an exhibition of pharmaceutical, diagnostic and medical companies in the foyer of the Casinogebäude.
- Poster exhibition** The poster exhibition will be held in the foyer of the university building. Posters may be mounted from 15.00 hrs on Wednesday 1 April and must be dismantled at 13.00 hrs on Saturday 4 April. The organisers will take no responsibilities for left posters.  
Poster viewing will be possible during coffee breaks and at lunch time from Thursday 2 to Saturday 4 April.  
Authors are requested to be present for discussion during these times.
- Poster Awards** The four best posters (including workshop abstract/posters) will be awarded a Poster Award 2009 to the amount of Euro 250.- per poster. The presentation of the poster awards is scheduled for Friday 3 April, 15.00-15.15 immediately following the ESCI Award winning lecture.  
All participants are kindly requested to attend this session.
- Language** The official language of ESCI 2009 is English. No simultaneous translation will be available. English is widely spoken in Frankfurt, but the official language is German.
- Publication** Accepted abstracts will be published in the European Journal of Clinical Investigation available during the congress

## ESCI AWARD

**TO BE PRESENTED DURING THE  
43<sup>rd</sup> ANNUAL SCIENTIFIC MEETING OF THE  
EUROPEAN SOCIETY FOR CLINICAL INVESTIGATION (ESCI)**

Frankfurt/Main, Germany, 1 – 4 April 2009

**THE 2009 ESCI AWARD FOR EXCELLENCE IN  
BIOMEDICAL INVESTIGATION**

**10,000 EURO**

**winner: Josef Penninger (Vienna, Austria)**

### Previous Winners of the Award

1976	Jean-François Bach	1993	Thomas F Lüscher
1977	David JH Brock	1994	Bo Angelin
1978	Lelio Orci	1995	Peter Valent
1979	Jens F Rehfeld	1996	Paolo Golino
1980	Alberto Malliani	1997	Irene Virgolini
1981	Timothy J Peters	1998	Anthony HV Schapira
1982	GG Rousseau	1999	Guido Poli
1983	Fritz R Bühler	2000	Seppo Ylä-Herttua
1984	Pierre Corvol & J Ménard	2001	Hans C Clevers
1985	Rolf M Zinkernagel	2002	Hugh Edward Montgomery
1986	Lars-Inge Larsson	2003	Raphael Scharfmann
1987	Gian Franco Bottazzo	2004	Allan Flyvbjerg
1988	Anthony W Segal	2005	Lars Fugger
1989	Daniel P Lew	2006	Michael Roden
1990	Douglas Roland Higgs	2007	John PA Ioannidis
1991	René RP de Vries	2008	László Nagy
1992	Roberto Montesano		

**PRELIMINARY PROGRAMME SCHEDULE**

Time	Wednesday, April 1	Thursday, April 2	Friday, April 3	Saturday, April 4
8.30		<b>Workshops:</b> 08.30 – 13.00 Rheumatology: Mesenchymal Signaling I <b>1801</b>	<b>Workshops:</b> 08.30 – 13.00 Neuroendocrine Tumors III <b>LH</b>	<b>Workshops:</b> 08.30 – 13.00 Symposium Endokrinologikum: New Aspects in the Treatment of the Metabolic Syndrome and Hyperlipidemia <b>LH</b>
10.00		Neuroendocrine Tumors I	Pediatric Endocrinology: Growth Disturbances/Congenital Adrenal	Symposium Onkologikum: Molecular Targeting in Oncology <b>1811</b>
10.30		Stem Cell Therapy in Cardiology <b>1811</b>	Hyperplasia I	coffee break
11.15		Phagocyte Biology I <b>1812</b>	Phagocyte Biology III <b>1812</b>	Plenary lecture J. Dumanski, Sweden <b>LH</b>
13.00			11.30 – 13.00 <b>1811</b> Introduction to translational research	Plenary lecture U. Beisiegel, Germany <b>LH</b>
13.30		Guided poster viewing exhibition	Annual Business Meeting ESCI <b>LH</b>	<b>End of Conference</b> <b>Welcome to ESCI 2010 in Italy</b>
14.00		lunch	Guided poster viewing exhibition	
14.30	14.00 – 18.00 <b>Registration &amp; Media Check</b>	Plenary lecture K. Ley, USA <b>LH</b>	Plenary lecture <b>LH</b> ESCI Award Winner 2009 J. Penninger, Austria	
14.45			Poster Awards 2009 ESCI Medal 2009	
15.00				
15.15	ESCI Council Meeting	<b>Workshops:</b> 15.00 – 18.00 Rheumatology: Mesenchymal Signaling II <b>1801</b>	<b>Workshops:</b> 15.15 – 18.00 Nonalcoholic Steatohepatosis <b>1801</b>	
16.30		Neuroendocrine Tumors II <b>LH</b>	Vitamin D-Hormone: Pleiotropic effects <b>LH</b>	
		Phagocyte Biology II <b>1812</b>	End. Hypertension <b>1811</b>	
			Phagocyte Biology IV <b>1812</b>	
16.30	16:15 – 16:45 coffee break	16:15 – 16:45 coffee break	16:15 – 16:45 coffee break	
18.00				
18.30	<b>Opening Ceremony</b> Plenary lecture J.-A. Gustafsson, Sweden <b>LH</b>			
19.30				<b>ROOMS</b>
20.00	<b>Welcome Reception</b>		<b>Congress Party</b>	<b>LH</b> Lecture Hall <b>1801</b> Room 1801 ...
22.00				

**Wednesday, April 1, 19.00 – 20.00****Clinical Implications of the New Biology of Estrogen Action**

Jan-Ake Gustafsson (Stockholm, Sweden)

**Thursday, April 2, 10.30 – 11.15****Chair:** Eva Tiensuu Janson (Uppsala, Sweden)**Advances in the Management of Neuroendocrine Tumors**

Kjell Öberg (Uppsala, Sweden)

**Thursday, April 2, 14.00 – 14.45****Chair:** Attila Mocsai (Budapest, Hungary)**Myeloid Leukocyte Recruitment in Inflammation**

Klaus Ley (La Jolla, USA)

**Friday, April 3, 10.30 – 11.15****Chair:** Ashley B. Grossmann (London, UK)**How Common is Somatic Mosaicism for Copy Number Variations?****Analysis of Twins, Differentiated Human Tissues as well as Breast and Ovarian Cancers**

Jan Dumanski (Uppsala, Sweden)

**Friday, April 3, 14.00 – 15.00****Chairs:** George Chrousos (Athens, Greece)  
Alexander Mann (Frankfurt, Germany)**Genetic modelling of human disease****ESCI Award Winner 2009**

Josef Penninger (Vienna, Austria)

**Saturday, April 4, 10.30 – 11.15****Chair:** Alexander Mann (Frankfurt, Germany)**New Insights in Postprandial Metabolism**

Ulrike Beisiegel (Hamburg, Germany)

**Thursday, April 2, 8.30 – 13.00****Room 1801****Rheumatology: Mesenchymal Signaling I****Organizers**Ulf Müller-Ladner (Bad Nauheim, Germany)  
Harald Burkhardt (Frankfurt, Germany)**Chairs**Brigitte Krummel-Lorenz (Frankfurt, Germany)  
Ulf Müller-Ladner (Bad Nauheim, Germany)**08.30 – 09.00**The potential of adipocytokines in driving immunological processes  
Andreas Schäffler (Regensburg, Germany)**09.00 – 09.30**Inhibiting of proinflammatory cytokines = mesenchymal protection  
Hanns-Martin Lorenz (Heidelberg, Germany)**09.30 – 10.00**Molecular imaging of mesenchymal inflammation  
Ingo Tarner (Giessen/Bad Nauheim, Germany)**10.15 – 11.15****Break and Plenary lecture (see page 10)****11.15 – 11.45**Advances in osteoimmunology  
Thomas Pap (Münster, Germany)**11.45 – 12.15**Perivascular remodelling and fibrosis  
Oliver Eickelberg (Giessen, Germany)**12.15 – 12.45**Interfering with cellular communication – CTLA4lg as prototype principle  
Andrea Rubbert (Köln, Germany)

Discussion and wrap-up (all speakers)

**Thursday, April 2, 8.30 – 13.00****Lecture Hall****Neuroendocrine Tumors I****Organizers**Eva Tiensuu Janson (Uppsala, Sweden)  
Bertram Wiedenmann (Berlin, Germany)  
Marianne Pavel (Berlin, Germany)  
Jörg Bojunga (Frankfurt, Germany)**Chairs**Irvin Modlin (New Haven, USA)  
Bertram Wiedenmann (Berlin, Germany)**08.30 – 09.00**Utility of principal component analysis of neuroendocrine tumor cell transcripts in the assessment and prediction of tumor invasion and metastasis  
I. Modlin (New Haven, USA)**09.00 – 09.20**Angiogenesis and angiogenic switch  
C. Fischer (Berlin, Germany)



**SCIENTIFIC PROGRAMME / WORKSHOPS Thursday, April 2, 2009**

- 12.30 – 12.45** Protrusions on endothelial cells as detected by atomic force microscopy (AFM)  
Christoph Riethmüller (Münster, Germany) \_608
- 12.45 – 13.00** The role of ALX/FPRL-1 in inflammation and its impact on Annexin A1 biology  
M. Perretti (London, UK) \_609
- 13.00** **End of session**

**Thursday, April 2, 15.00 – 18.00 Room 1801****Rheumatology: Mesenchymal Signaling II**

- Organizers** Ulf Müller-Ladner (Bad Nauheim, Germany)  
Harald Burkhardt (Frankfurt, Germany)
- Chairs** Harald Burkhardt, (Frankfurt, Germany)  
Thomas Pap (Münster, Germany)
- 15.00 – 15.30** Epigenetics – more than just „Modification“  
Jörg Distler (Erlangen, Germany)
- 15.30 – 16.00** B-cells as therapeutic target in connective tissue diseases  
Henrik Mei (Berlin, Germany)
- 16.15 – 16.45** **Coffee break**
- 16.45 – 17.15** Receptor tyrosine kinase inhibitors on the verge  
Nico Hunzelmann (Köln, Germany)
- 17.15 – 17.45** Anti-RANKL as therapeutic principle  
Elena Neumann (Giessen/Bad Nauheim, Germany)
- Discussion and wrap-up (all speakers)

**Thursday, April 2, 15.00 – 18.00 Lecture Hall****Neuroendocrine Tumors II**

- Organizers** Eva Tiensuu Janson (Uppsala, Sweden)  
Bertram Wiedenmann (Berlin, Germany)  
Marianne Pavel (Berlin, Germany)  
Jörg Bojunga (Frankfurt, Germany)
- Novel aspects of Pathology & Genetics, Somatostatin Receptor Signaling**
- Chairs** Eva Tiensuu Janson (Uppsala, Sweden)  
Mark Kidd (New Haven, USA)

**SCIENTIFIC PROGRAMME / WORKSHOPS Thursday, April 2, 2009**

- 15.00 – 15.30** Investigating the whole genome, pros, cons  
Jan Dumanski (Uppsala, Sweden)
- 15.30 – 15.45** Analysis of genetic changes in midgut carcinoid tumors using CGH technique  
J. Cunningham (Uppsala, Sweden) \_201
- 15.45 – 16.00** Novel markers for enterochromaffin cells and gastrointestinal neuroendocrine carcinomas  
V. Giandomenico (Uppsala, Sweden) \_202
- 16.00 – 16.15** Expression profiling in metastasizing midgut carcinoid tumors  
K. Edfeldt (Uppsala, Sweden) \_203
- 16.15 – 16.45** **Coffee break**
- 16.45 – 17.15** Somatostatin receptor expressing and signaling  
Eva Tiensuu Janson (Uppsala, Sweden)
- 17.15 – 17.30** 5-AZA-2 Deoxycytidine upregulates expression of somatostatin receptors and potentiates inhibitory effects of octreotide on pheochromocytoma cells in vitro  
P. Björklund (Uppsala, Sweden) \_204
- 17.30 – 17.45** Effects of somatostatin and orexin on glucose uptake in glucagonoma and insulinoma cells  
M.Z. Strowski (Berlin, Germany)
- 17.45 – 18.00** Dopastatin – the next step N.N.

**Thursday, April 2, 15.00 – 18.00 Room 1812****Phagozyte Biology II – Intracellular Signaling**

- Organizers** Attila Mocsai (Budapest, Hungary)  
Barbara Walzog (München, Germany)  
Markus Sperandio (München, Germany)
- Chairs** Attila Mocsai (Budapest, Hungary)  
Heidi Welch (Cambridge, UK)
- 15.00 – 15.30** Phagocyte signaling via Lyn and autoimmunity  
Clifford Lowell (San Francisco, USA) \_610
- 15.30 – 15.45** The Role of RhoG in the regulation of the neutrophil NADPH oxidase  
G. Damoulakis (Cambridge, UK) \_611
- 15.45 – 16.00** Identification and characterization of a novel gain-of-function splice variant of Fc gamma receptor IIa  
J. van der Heijden (Amsterdam, the Netherlands) \_612
- 16.00 – 16.15** Key role of the intracellular ITAM tyrosines of Fc-receptor  $\gamma$ -chain in neutrophils  
T. Németh (Budapest, Hungary) \_613

**SCIENTIFIC PROGRAMME / WORKSHOPS Thursday, April 2, 2009**

<b>16.15 - 16.45</b>	<b>Coffee break</b>
<b>Chairs</b>	Clifford Lowell (San Francisco, USA) Giorgio Berton (Verona, Italy)
<b>16.45 - 17.15</b>	Signal transduction regulating phagocyte migration and recruitment: the tyrosine kinase connection Giorgio Berton (Verona, Italy) <b>_614</b>
<b>17.15 - 17.45</b>	New functional roles and regulators of P-Rex family Rac-GEFs Heidi Welch (Cambridge, UK) <b>_615</b>
<b>17.45 - 18.00</b>	Dissection of a myosin I interaction network reveals the fine spatial organisation of territories of actin dynamics during phagocytosis R. Dieckmann (Geneva, Switzerland) <b>_616</b>
<b>18.00</b>	<b>End of session</b>

**Friday, April 3, 8.30 - 13.00****Lecture Hall**

	<b>Neuroendocrine Tumors III</b>
<b>Organizers</b>	Eva Tiensuu Janson (Uppsala, Sweden) Bertram Wiedenmann (Berlin, Germany) Marianne Pavel (Berlin, Germany) Jörg Bojunga (Frankfurt, Germany)
	<b>Clinical aspects and current therapy of neuroendocrine and pituitary tumors</b>
<b>Chairs</b>	Bertram Wiedenmann (Berlin, Germany) Kjell Öberg (Uppsala, Sweden)
<b>08.30 - 09.00</b>	The evolution of treatment in neuroendocrine tumors Kjell Öberg (Uppsala, Sweden) <b>_206</b>
<b>09.00 - 09.30</b>	Value of Somatostatin analogues in the management of neuroendocrine tumors M. Pavel (Berlin, Germany)
<b>09.30 - 09.45</b>	Survival and clinical characteristics in 284 patients with midgut carcinoid tumors S. Welin (Uppsala, Sweden) <b>_207</b>
<b>09.45 - 10.00</b>	Intra-abdominal fibrosis in a modern cohort of patients with midgut carcinoid tumours – a cross-sectional survey from one centre M.R. Druce (London, UK) <b>_208</b>
<b>10.00 - 10.30</b>	<b>Coffee break</b>
<b>10.30 - 11.15</b>	<b>Plenary lecture (see page 10)</b>

**SCIENTIFIC PROGRAMME / WORKSHOPS Friday, April 3, 2009**

<b>11.15 - 11.45</b>	Growth factors and growth factor receptor expression in neuroendocrine tumors – clinical impact S.Welin (Uppsala, Sweden)
<b>11.45 - 12.00</b>	Clinical relevance of IGF-1 receptor expression scores in neuroendocrine tumors M.G. Möller (Tampa, USA) <b>_209</b>
<b>12.00 - 12.30</b>	Medical treatment of pituitary tumors Ashley Grossman (London, UK)
<b>12.30 - 12.45</b>	Prolactinoma cell growth regulation by ErbB receptor ligands Georges Vlotides (Munich, Germany)
<b>12.45 - 13.00</b>	Treatment of Cushings disease with cabergoline K. Jungheim (Frankfurt, Germany) <b>_210</b>

**Friday, April 3, 8.30 - 13.00****Room 1801**

	<b>Pediatric Endocrinology I: Congenital Adrenal Hyperplasia</b>
<b>Organizers</b>	Annette Richter-Unruh (Wattenscheid, Germany) Stenvert Drop (Rotterdam, the Netherlands) Hedi Claahsen (Nijmegen, the Netherlands)
	<b>Diagnostic and treatment options</b>
<b>08.30 - 09.00</b>	Prenatal Diagnosis of CAH A. Richter-Unruh (Bochum, Germany)
<b>09.00 - 09.30</b>	Differential diagnosis of disorders in steroid metabolism by steroidmetabolomics S. Wudy (Gießen, Germany)
<b>09.30 - 10.00</b>	Gender dysphoria and gender change in chromosomal females with congenital adrenal hyperplasia A.B. Dessens (Rotterdam, the Netherlands)
	<b>Long term complications</b>
<b>11.15 - 12.00</b>	Male infertility in CAH H.Claahsen (Nijmegen, the Netherlands)
<b>12.00 - 12.30</b>	Female infertility in CAH N. Stikkelbroeck (Nijmegen, the Netherlands)
<b>12.30 - 13.00</b>	Cardiovascular complications in CAH C. Mooij (Nijmegen, the Netherlands)

**SCIENTIFIC PROGRAMME / WORKSHOPS Friday, April 3, 2009**

**Friday, April 3, 8.30 – 13.00**

**Room 1812**

**Phagozyte Biology III –  
Host Pathogen Interactions and Inflammation**

**Organizers**

Attila Mocsai (Budapest, Hungary)  
Barbara Walzog (München, Germany)  
Markus Sperandio (München, Germany)

**Chairs**

Nicolas Demaurex (Geneva, Switzerland)  
Arturo Zychlinskiy (Berlin, Germany)

**08.30 – 09.00**

Neutrophil extracellular traps  
Arturo Zychlinsky (Berlin, Germany) \_617

**09.00 – 09.15**

Phagosome membrane modification can allow the  
interaction between ingested material and cytosol in  
mast cells  
E. Trevisan (Trieste, Italy) \_618

**09.15 – 09.30**

Neutrophil function and clinical correlates of 998  
pediatric and adult patients with recurrent infections:  
the Israeli report  
S. Berger-Achituv (Kfar Saba, Israel) \_619

**09.30 – 10.00**

**Business Meeting Phagozyte Group**

**10.00 – 11.15**

**Coffee break + Plenary lecture (see page 10)**

**Chairs**

Arturo Zychlinsky (Berlin, Germany)  
Claes Dahlgren (Göteborg, Sweden)

**11.15 – 11.45**

Structure and function of the group of pattern recog-  
nition receptors of the formyl peptide receptor family  
Claes Dahlgren (Göteborg, Sweden) \_620

**11.45 – 12.00**

Regulation of the phagocyte NADPH oxidase activity:  
Phosphorylation of gp91phox /NOX2 by protein  
kinase C enhances its diaphorase activity and  
binding to Rac2, p67phox and p47phox  
J. El-Benna (Paris/Grenoble, France/Bozeman, USA) \_621

**12.00 – 12.15**

Ablation of the Hv1 proton channel blunts store-  
operated Ca<sup>2+</sup> influx in neutrophils  
A. El Chemaly (Geneva, Switzerland) \_622

**12.15 – 12.30**

Chronic granulomatous disease in Israel: Clinical,  
functional and molecular studies of 43 patients  
B. Wolach (Kfar Saba/Tel Aviv, Israel) \_623

**12.30 – 12.45**

Activation of melanocortin receptor type 3 as a new  
strategy to control experimental and rheumatoid  
arthritis  
H.B. Patel (London, UK) \_624

**SCIENTIFIC PROGRAMME / WORKSHOPS Friday, April 3, 2009**

**12.45 – 13.00**

Serum amyloid A induces neutrophil activation in vitro  
but lacks activating capacity in circulation of patients  
with rheumatoid arthritis  
L. Björkman (Gothenburg, Sweden) \_625

**13.00**

**End of session**

**Friday, April 3, 11.15 – 13.00**

**Room 1811**

**Introduction to Translational Research**

**Organizers**

George Chrousos (Athens, Greece)  
John Ioannidis (Ioannina, Greece)

**Chairs**

David Schteingart (Ann Arbor, USA)  
John Ioannidis (Ioannina, Greece)

**11.15 – 11.40**

Introduction to Translational Research  
David Schteingart (Ann Arbor, USA)

**11.40 – 12.05**

Design and Bias Issues in Biomedical Investigation  
John Ioannidis (Ioannina, Greece)

**12.05 – 12.30**

Translational medicine – a publisher's perspective  
Martin Vinding (Copenhagen, Denmark)

**12.30 – 13.00**

Academic Medicine and Biomedical Research at  
Crossroads  
George Chrousos (Athens, Greece)

**Friday, April 3, 15.15 – 18.00**

**Room 1801**

**Nonalcoholic Steatohepatosis**

**Organizers & Chairs**

Stefan Zeuzem (Frankfurt, Germany)  
Ulrich Leuschner (Frankfurt, Germany)

**15.00 – 15.40**

Morphology and pathogenetic aspects  
Helmut Denk (Graz, Austria)

**15.40 – 16.15**

Insulin resistance in the pathogenesis of NASH  
Dirk Müller-Wieland (Hamburg, Germany)

**16.30 – 17.00**

Clinical manifestations and non invasive diagnostic  
tools  
Piero Portincasa (Bari, Italy)

**17.00 – 17.30**

Non invasive procedures for evaluation of fibrosis in  
NASH  
Mireen Friedrich-Rust (Frankfurt, Germany)

**17.30 – 18.00**

New therapeutic aspects  
Ulrich Leuschner (Frankfurt, Germany)

**SCIENTIFIC PROGRAMME / WORKSHOPS Friday, April 3, 2009**

**Friday, April 3, 15.15 – 18.00** **Lecture Hall**

**Vitamin D-Hormone: Pleiotropic Effects**

- Organizers & Chairs** Klaus Badenhop (Frankfurt, Germany)  
Klaus-Henning Usadel (Frankfurt, Germany)
- 15.15 – 15.35** Classical and non-classical bone actions of vitamin D  
Franz Jacob (Würzburg, Germany)
- 15.35 – 15.55** Vitamin D deficiency and the risk of cancer  
Jakob Linseisen (Heidelberg, Germany)
- 15.55 – 16.15** Immunomodulatory effects of vitamin D in the macrophage system: endocrine disease in animal models  
Andreas Lengeling (Edinburgh, UK)
- 16.45 – 17.05** Vitamin D regulation of the toll-like-receptor (TLR) pathways and its role in infection and immunity  
Kai Zacharowski (Frankfurt, Germany)
- 17.05 – 17.25** Prevention of type 1 diabetes with vitamin D?  
Urs Christen/Elisabeth Ramos-Lopez (Frankfurt, Germany)
- 17.25 – 17.45** Vitamin D and neurodegeneration  
Jochen Roepner (Frankfurt, Germany)

**Friday, April 3, 15.15 – 18.00** **Room 1811**

**Endocrine Hypertension**

- Organizers & Chairs** Sven Diederich (Berlin, Germany)  
Graeme Eisenhofer (Dresden, Germany)
- Part I: Pheochromocytoma**
- 15.15 – 15.35** Diagnosis of pheochromocytomas: Update of biochemical tests and localisation methods  
Jacques WM Lenders (Nijmegen, the Netherlands)
- 15.35 – 15.55** Genetics of pheochromocytomas and paragangliomas  
Hartmut P.H. Neumann (Freiburg, Germany) \_801
- 15.55 – 16.15** Therapeutic approaches to malignant pheochromocytomas and paragangliomas  
Hendrik Lehnert (Lübeck, Germany)
- Part II: Conn syndrome**
- 16.45 – 17.05** Rational diagnostic procedures for primary hyperaldosteronism  
Felix Beuschlein (München, Germany)
- 17.05 – 17.25** Molecularbiological pathophysiology of hypertension from an endocrine point of view  
Eleanor Davies (Glasgow, UK)

**SCIENTIFIC PROGRAMME / WORKSHOPS Friday, April 3, 2009**

- 17.25 – 17.45** Aldosterone as a cardiovascular risk factor  
Marcus Quinkler (Berlin, Germany)

**Friday, April 3, 15.15 – 18.00** **Room 1812**

**Phagozyte Biology IV – Differentiation and Apoptosis**

- Organizers** Attila Mocsai (Budapest, Hungary)  
Barbara Walzog (München, Germany)  
Markus Sperandio (München, Germany)
- Chairs** Veronique Witko-Sarsat (Paris, France)  
Taco Kuijpers (Amsterdam, The Netherlands)
- 15.15 – 15.45** Monocyte subsets and their functional role  
Frederic Geissmann (London, UK)
- 15.45 – 16.15** Differential regulation of phagocyte development by the intrinsic and extrinsic apoptotic pathways  
You-Wen He (Durham, USA) \_626
- 16.15 – 16.30** Molecular association between proteinase 3 and calreticulin at the plasma membrane: implication for apoptotic neutrophil clearance and inflammation in vasculitis  
J. Gabillet (Paris, France) \_627
- 16.15 – 16.45** **Coffee break**
- Chairs** Frederic Geissmann (Paris, France)  
You-Wen He (Durham, USA)
- 16.45 – 17.15** Regulation of neutrophil apoptosis by the cleavage of cytoskeleton-associated proteins: a new role of coronin-1A as a prosurvival factor in neutrophils  
Veronique Witko-Sarsat (Paris, France) \_628
- 17.15 – 17.45** New aspects in neutrophil apoptosis  
Taco W. Kuijpers (Amsterdam, the Netherlands)
- 17.45 – 18.00** Hypomorphic germline mutations in CASP-1 do not prevent and may even provoke autoinflammatory disease  
A. Rösen-Wolff (Dresden, Germany) \_629
- 18.00** **End of session**

**Saturday, April 4, 8.30 – 13.00** **Lecture Hall**

**German Satellite Symposium**

**Symposium Endokrinologikum:  
New Aspects in the Treatment of the  
Metabolic Syndrome and Hyperlipidemia**

- Organizers & Chairs** W. Alexander Mann (Frankfurt, Germany)  
Klaus-Henning Usadel (Frankfurt, Germany)
- 09.00 – 09.45** Hyperlipidemia: Simvastatin for everybody or differentiated therapy  
W. Alexander Mann (Frankfurt, Germany)
- 09.45 – 10.20** Insulin resistance as therapeutic target in obesity and diabetes  
Andreas Hamann (Bad Nauheim, Germany)
- 10.30 – 11.15** **Plenary lecture (see page 10)**
- 11.30 – 12.15** Gender specific aspects of the metabolic syndrome – in females  
Onno E. Janssen (Hamburg, Germany)
- 12.15 – 13.00** Gender specific aspects of the metabolic syndrome – in males  
L. Beiglböck-Karau (Karlsruhe, Germany)

**Saturday, April 4, 8.30 – 13.00** **Room 1811**

**German Satellite Symposium**

**Symposium Onkologikum:  
Molecular Targeting in Oncology**

- Organizers & Chairs** Dieter Hoelzer (Frankfurt, Germany)  
Angelika Böhme (Frankfurt, Germany)
- Opening remarks** Dieter Hoelzer (Frankfurt, Germany)
- Chair** Eckhard Weidmann (Frankfurt, Germany)
- Session I: Lymphoid Neoplasias**
- Non-Hodgkin-Lymphoma – The complex case  
Thomas Carl Nebe (Frankfurt, Germany)
- Indolent Lymphoma in elderly Patients – When and how to treat?  
Mathias Rummel (Gießen, Germany)
- Chronic Lymphatic Leukemia – New Standards in Therapy  
Wolfgang Knauf (Frankfurt, Germany)
- Morbus Hodgkin – The new Study Generation  
Andreas Engert (Köln, Germany)
- Multiple Myeloma – The interesting Case  
Angelika Böhme (Frankfurt, Germany)

Multiple Myeloma – Variety of Treatment Options  
Hartmut Goldschmidt (Heidelberg, Germany)

**Discussion**

**Coffee break**

**Session II: Myeloid Neoplasias and Quality of Life**

- Chair** Norbert Frickhofen (Wiesbaden, Germany)
- Chronic Myelogenous Leukemia  
Treatment Algorithms 2009  
Andreas Hochhaus (Mannheim, Germany)
- Myeloproliferative Syndromes – Change in Paradigm?  
Eva Lengfelder (Mannheim, Germany)
- Myelodysplastic Syndromes – Role of Molecular Therapies  
Gesine Bug (Frankfurt, Germany)
- Quality of Life and late Sequelae after Chemotherapy and Stem Cell Transplantation  
Nicola Gökbüget (Frankfurt, Germany)
- Discussion**
- Adjourn** Angelika Böhme (Frankfurt, Germany)

**Saturday, April 4, 8.30 – 13.00** **Room 1801**

**Pediatric Endocrinology II:  
Growth Disturbances**

- Organizers** Annette Richter-Unruh (Wattenscheid, Germany)  
Stenvert Drop (Rotterdam, the Netherlands)  
Hedi Claahsen (Nijmegen, the Netherlands)
- 08.30 – 09.00** Aromatase inhibition and growth promotion  
L. Dunkel (Helsinki, Finland)
- 09.00 – 09.30** All you want to know about idiopathic short stature  
J.M. Wit (Leiden, the Netherlands)
- 09.30 – 10.00** Growth hormone insensitivity syndrome and treatment  
C. Carmacho-Hübner (Stockholm, Sweden)
- 11.15 – 12.00** Shox gene deletions and treatment with growth hormone  
S. Heger (Hannover, Germany)
- 12.00 – 12.30** Genetic aspect and signal transduction in Noonan Syndrome  
M. Zenker (Erlangen, Germany)
- 12.30 – 13.00** Noonan and growth hormone treatment; yes or not  
J. Brämwig (Münster, Germany)

**Saturday, April 4, 8.30 – 13.00****Room 1812****Phagozyte Biology V –  
New Concepts in Phagocyte Biology****Organizers**Attila Mocsai (Budapest, Hungary)  
Barbara Walzog (Munich, Germany)  
Markus Sperandio (Munich, Germany)**Chairs**Johannes Roth (Münster, Germany)  
Markus Sperandio (Munich, Germany)**08.30 – 09.15**The Ashwell-Morell receptor mitigates the lethal  
coagulopathy of sepsisJamey D. Marth (San Diego, La Jolla, USA) **\_630****09.15 – 09.30**Leukocytes and platelets in human disorders of  
fucosylation and sialylationM.K. Wild (Munich, Germany) **\_631****09.30 – 09.45**Leukocyte Adhesion Deficiency-1/variant syndrome  
is caused by mutations in FERMT3E. van de Vijver (Amsterdam, the Netherlands) **\_632****09.45 – 11.15****Coffee break + Plenary lecture (see page 10)****Chairs**Jamey Marth (San Diego, USA)  
Barbara Walzog (Munich, Germany)**11.15 – 11.45**Proton channels sustain superoxide production and  
calcium signaling in neutrophilsNicolas Demaurex (Geneva, Switzerland) **\_633****11.45 – 12.15**

MRP8 and MRP14: early amplifier of inflammation

Johannes Roth (Münster, Germany) **\_634****12.15 – 12.30**The receptor of advanced glycation endproducts and in-  
tercellular cell adhesion molecule-1 cooperate in medi-  
ating leukocyte recruitment during inflammation in vivoM. Sperandio (Munich/Heidelberg, Germany) **\_635****12.30 – 12.45**CD47-Signal Regulatory Protein  $\alpha$  (SIRP $\alpha$ ) interac-  
tions constitute a barrier for antibody-mediated tumor  
cell elimination by macrophagesX.W. Zhao (Amsterdam, the Netherlands) **\_636****12.45 – 13.00**Development of novel anti-inflammatory molecules  
using primary human phagocyte cellular assay  
systemsK. Futosi (Budapest, Hungary) **\_637****13.00****End of workshop****Poster Viewing****Will be possible from  
Thursday, April 2 until Saturday, April 4, 2009****Poster Awards****The four best posters will be awarded the Poster  
Award 2009 to the amount of € 250,- per poster.**AbstractnumberNeuroendocrine tumors: genetics, tumor biology**211\_**M.G. Möller (Tampa, USA)  
Treatment outcome and prognostic factors of gastric  
carcinoid tumorsStem cell therapy in cardiology**302\_**O. Adaramoye Ibadan (Nigeria/Paraiba, Brazil)  
Involvement of Na<sup>+</sup>-Ca<sup>2+</sup> exchanger in the endothe-  
lium-independent vasorelaxation induced by Curcuma  
Longa L in isolated rat mesenteric arteries**303\_**M.Y. Tseng (Cambridge, UK)  
Enhancement of cerebral blood flow with systemic  
hypertonic saline therapy is associated with more  
favourable outcome in patients with poor-grade  
aneurysmal subarachnoid haemorrhagePhagocyte biology**638\_**A. Delaby (Marseille, France)  
In vitro formation of granulomas induced by Coxiella  
burnetii, the agent of Q fever**639\_**M. Trif (Bucharest, Romania)  
Effects of the glycosaminoglicans-containing liposo-  
mes on human articular chondrocytes: evaluation of  
the therapeutic potential in degenerative disorders**640\_**T. Németh (Budapest, Hungary)  
The role of p190RhoGAP in neutrophils**641\_**C.A. Reichel (Munich, Germany)  
Chemokines Ccl2 and Ccl3 mediate neutrophil recruit-  
ment via induction of protein synthesis and generation  
of lipid mediators**642\_**I. Mannigel (Munich, Germany)  
A fundamental role of the mammalian actin binding  
protein 1 for beta-2 integrin-mediated phagocytosis of  
complement-opsonized bacteria in neutrophils**643\_**M. Barber (Cambridge, UK)  
Identification of protein binding partners of P-Rex1

## POSTER PRESENTATION

- 644\_** M. Kovacs (Budapest, Hungary)  
Src-family kinases are required for the development of autoimmune arthritis
- 645\_** T.W. Orlikowsky (Aachen, Germany)  
Monocytes in neonatal sepsis-associated organ destruction
- 646\_** S. Vermeren (Cambridge, UK)  
ARAP3 in neutrophils
- 647\_** M. Pederzoli-Ribeil (London, UK)  
The impact of Annexin-A1 cleavage on neutrophil behaviour during vascular inflammation
- 648\_** S. Daou (Geneva, Switzerland)  
Role of ultrahigh-molecular-weight polyethylene particles on the antibacterial activity of
- 649\_** Z. Jakus (Budapest, Hungary)  
Syk is a treatment target for therapy in autoimmune arthritis
- 650\_** K. Christenson (Göteborg, Sweden)  
Regulation of cell death processes in human neutrophils – comparison between peripheral blood cells and exudated cells collected after in vivo transmigration
- 651\_** A. Doerner (Heidelberg/Munich, Germany)  
Sialyltransferase ST3Gal-IV is crucial for eosinophil recruitment in vivo
- 652\_** K. Theusner (London, UK)  
Human Immunodeficiency Virus infection of macrophages - assembly and transmission to T lymphocytes
- 653\_** T. R. Szer & T. Józsa (Debrecen, Hungary)  
Delayed fracture repair and impaired survival of bone xenografts in mice with insulin resistant diabetes

### Pediatric endocrinology

- 701\_** I. Dornauf (Frankfurt, Germany)  
Primary ovarian failure caused by two novel mutations in the FSH-receptor gene

### Endocrine hypertension

- 803\_** A. Tomaschitz (Graz, Austria)  
The impact of the aldosterone to renin ratio on aortic pulse pressure in diabetic and on-diabetic patients referred to coronary angiography

## POSTER PRESENTATION

- 802\_** E. Davies (Glasgow, UK)  
Altered adrenal steroid biosynthesis in essential hypertension: A digenic mechanism?

### Symposium Endokrinologikum

- 1201\_** R.P.F. Dullaart (Groningen, the Netherlands)  
Plasma lecithin:cholesterol acyltransferase activity is elevated in metabolic syndrome and is an independent marker of increased carotid artery intima media thickness
- 1202\_** R.P.F. Dullaart (Groningen, the Netherlands)  
Apolipoprotein M is decreased in type 2 diabetes and affects pre beta high density lipoprotein formation and cellular cholesterol efflux
- 1203\_** P. Pervanidou (Athens, Greece)  
Is the Metabolic Syndrome a consistent diagnosis in childhood and adolescence? Evidence from a longitudinal study in school aged kids followed at an obesity clinic.
- 1204\_** H.H. Wang (Bari, Italy)  
Diet-induced fatty liver disease can be prevented by ezetimibe in mice
- 1205\_** C.H. Saely (Feldkirch, Austria)  
Significant impact of genetic variants on chromosomal locus 1p13.3 on serum LDL-cholesterol and on angiographically characterized coronary artery disease
- 1206\_** C.H. Saely (Feldkirch, Austria)  
Adult treatment panel III metabolic syndrome criteria more strongly than International Diabetes Federation criteria predict the incidence of type 2 diabetes in angiographed coronary patients
- 1207\_** C.H. Saely (Feldkirch, Austria)  
High triglycerides, low HDL cholesterol, and small LDL particles predict incident type 2 diabetes in non-diabetic coronary patients
- 1208\_** C.H. Saely (Feldkirch, Austria)  
Impaired glucose tolerance strongly and significantly increases the risk of future vascular events among angiographed coronary patients
- 1209\_** G. Garruti (Bari, Italy)  
Metabolic syndrome and cardiovascular autonomic function in type-2 diabetics
- 1210\_** P. Rein (Feldkirch, Austria)  
High prevalence of abnormal glucose metabolism in patients with sonographically diagnosed peripheral arterial disease

## POSTER PRESENTATION

- 1211\_ P. Rein (Feldkirch, Austria)  
Low bone mineral density is not associated with angiographically determined coronary atherosclerosis in men

### Cardiovascular medicine

- 1\_ E. Stepien (Cracow, Poland)  
The E-selectin (S149R) polymorphism is involved with increase in C-reactive protein levels after coronary by-pass grafting
- 2\_ J. Natorska (Cracow, Poland)  
Presence of fibrin and tissue factor in relation to macrophages in aortic valves from patients with aortic stenosis
- 3\_ J. Natorska (Cracow, Poland)  
Altered fibrin clot structure/function in patients with idiopathic venous thromboembolism
- 4\_ B.R. Kwak (Geneva, Switzerland)  
Are the Cx40 -44G>A and +71A>G polymorphisms correlated to hypertension?
- 5\_ D. Drobniak-Heldak (Cracow, Poland)  
The prognostic value of the Ischemic Modified Albumin (IMA) and hsCRP in exploring risk of cardiovascular events in patients undergoing percutaneous transluminal coronary angioplasty (PTCA). Pilot study.
- 6\_ V. Gurevich (St. Petersburg, Russia)  
Relationship between autoantibodies to oxidized low density lipoproteins and extent of coronary stenosis

### Endocrinology, diabetology and metabolism

- 7\_ K. Aloumanis (Sheffield, UK)  
The effect of a history of thyroid disease in skeletal and muscle health and the risk of fractures in elderly women
- 8\_ M. Petruzzelli (Santa Maria Imbaro, Italy)  
Hepatic transcriptional resistance induced by obesity in complementary murine models
- 9\_ K. Aloumanis (Sheffield, UK)  
A history of thyroid disease and body composition in elderly women
- 10\_ C. Conversano (Pisa, Italy)  
Haemoglobin glycosylated control and psychological features in patients with Type 2 diabetes and cardiovascular problems: a pilot study

## POSTER PRESENTATION

- 11\_ G. Garruti (Bari, Italy)  
Effects of gastric banding on red blood cell aggregation and deformability in morbidly obese subjects
- 12\_ M. Szopa (Cracow, Poland)  
The FTO gene modifies weight, fat mass and insulin sensitivity in women with polycystic ovary syndrome and its role may be larger than in other phenotypes
- 13\_ M. Szopa (Cracow, Poland)  
Polymorphisms in the adiponectin encoding gene and susceptibility to type 2 diabetes in the Polish population
- 14\_ M. Szopa (Cracow, Poland)  
Skinfold measurement is not an effective screening test to pre-select patients for molecular testing in search for LMNA mutations
- 15\_ N.I. Tarasova (Nizhny Novgorod, Russia)  
Individual iodine supplementation and its effect on schoolchildren physical and mental development at the territories of moderate iodine deficiency
- 16\_ R.P.F. Dullaart (Groningen, the Netherlands)  
High plasma C-reactive protein is related to low paraoxonase-I activity and diponectin and high leptin in type 2 diabetes mellitus, independently of obesity and lipids
- 17\_ M.C. Masoni (Pisa, Italy)  
Plasma levels of Neuropeptide Y, Peptide YY and Adiponectine in patients affected by anorexia nervosa and severe obesity
- 18\_ E. Matteucci (Pisa, Italy)  
One-year follow-up of biologic correlates for arterial blood pressure in type 2 diabetes
- 19\_ E. Matteucci (Pisa, Italy)  
Contributors of abnormal 24-hour systolic blood pressure in type 1 diabetes families

### Gastroenterology and hepatology

- 20\_ I. Bihalskyy (Lviv, Ukraine)  
Monocyte chemoattractant protein-1 in acute pancreatitis
- 21\_ P. Portincasa (Bari, Italy)  
Taurodeoxycholate induced intestinal injury is modulated by oxidative stress dependent pre-conditioning like mechanisms

## POSTER PRESENTATION

- 22\_ I. Grattagliano (Bari, Italy)  
The bile salt tauroursodeoxycholate (TUDCA) modulates systemic and hepatic oxidative / nitrosative stress markers in cholestatic rats
- 23\_ D. Pontrelli (Bari, Italy)  
Expiroger®: the novel 13C-breath test for the evaluation of gastric emptying and gastrointestinal symptoms in obese patients and healthy subjects
- 24\_ P. Portincasa (Bari, Italy)  
The aquaporin-9 water channels are dysregulated in the liver of rat with obstructive extrahepatic cholestasis

### Haematology and oncology

- 25\_ P. Portincasa (Bari, Italy)  
Potential role of Estrogen Related Receptors (ERRs) in the response of hormonal therapy of desmoids
- 26\_ F.M. Hassan (Khartoum, Sudan)  
Cervical cancer screening among Sudanese women

### Immunology, rheumatology and inflammation

- 27\_ A. Stanek (Bytom, Poland)  
Influence of cryotherapy on some inflammatory markers in patients with ankylosing spondylitis
- 28\_ A. Stanek (Bytom, Poland)  
Serum paraoxonase 1 activity and malone dialdehyde level in patients with ankylosing spondylitis
- 29\_ E. Wypasek (Cracow, Poland)  
NF-kappaB activation during morphine-modulated peritonitis in Swiss mice
- 30\_ A. Braner (Frankfurt, Germany)  
3-Year follow- up for anakinra-treatment in a patient with familial mediterranean fever following intolerance to colchicines lipids

### Lipids

- 31\_ P. Rein (Feldkirch, Austria)  
Key role of low HDL cholesterol for the association of the metabolic syndrome with inflammation in coronary patients

## POSTER PRESENTATION

### Nephrology and hypertension

- 32\_ J.-J. Boffa (Paris, France)  
ADMA induces hypertension and renal fibrosis as L-NAME
- 33\_ Z. Nestic (Belgrade, Serbia)  
Acute protective effects of different doses of simvastatin in the rat model of renal ischemia-reperfusion injury
- 34\_ P. Rein (Feldkirch, Austria)  
Albuminuria, the glomerular filtration rate, and angiographically determined coronary

### Neurology and neurobiology

- 35\_ M.Y. Tseng (Cambridge, UK)  
Acute oral pravastatin therapy reduces cerebral vasospasm and delayed ischemic neurological deficits following aneurysmal subarachnoid hemorrhage: a phase II randomized controlled trial

### Thrombosis and hemostasis

- 36\_ E. Wypasek (Cracow, Poland)  
The fibrinogen beta-chainC148T polymorphism is involved with increase fibrinogen levels but not with fibrin structure in patients with advanced coronary artery disease
- 37\_ E. Stepien (Cracow, Poland)  
Genetic factors contributing to thrombin generation in advanced coronary artery disease

**The following participants in ESCI 2009 are awarded a travel grant supported by ESCI:**

M. Barber, Cambridge - UK  
 S. Berger-Achituv, Kfar Saba - Israel  
 I. Bihalsky, Lviv – Ukraine  
 P. Björklund, Uppsala – Sweden  
 G. Damoulakis, Cambridge – UK  
 R. Dieckmann, Geneva – Switzerland  
 K. Edfeldt, Uppsala – Sweden  
 A. El Chemaly, Geneva – Switzerland  
 K. Futosi, Budapest – Hungary  
 J. Gabillet, Paris – France  
 V. Gurevich, St. Petersburg – Russia  
 F. Hassan, Khartoum – Sudan  
 J. v.d. Heijden, Amsterdam – the Netherlands  
 Z. Jakus, Budapest – Hungary  
 M. Kovács, Budapest – Hungary  
 I. Mannigel, Munich – Germany  
 A. Marchioli, Trieste – Italy  
 M. Möller, Tampa FL, USA  
 T. Németh, Budapest – Hungary  
 H. Patel, London – UK  
 M. Pederzoli-Ribeil, London – UK  
 M. Petruzzelli, Santa Maria Imbaro – Italy  
 D. Pontrelli, Bari – Italy  
 M. Pruenster, Munich – Germany  
 A. Stanek, Bytom – Poland  
 M. Szopa, Cracow – Poland  
 E. Trevisan, Trieste – Italy  
 M. Tseng, Cambridge – UK  
 E. v.d. Vijver, Amsterdam – the Netherlands  
 X. Zhao, Amsterdam – the Netherlands

**Wednesday, April 1, 18.30**

### Welcome Addresses

#### Official opening of the congress

George P. Chrousos  
 President of ESCI

W. Müller-Esterl  
 President of the J.W. Goethe-University

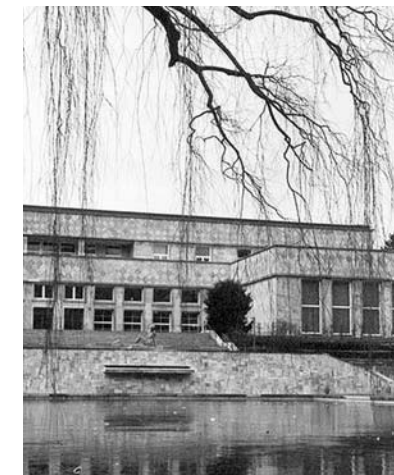
T. Klingebiel  
 Vice Dean of the faculty of medicine

W. Alexander Mann  
 President of the Congress

### Opening lecture

#### Clinical Implications of the New Biology of Estrogen Action

Jan-Ake Gustafsson (Stockholm, Sweden)



### Welcome Reception

with the „Acoustic Odyssee“ Jazzband  
 and young musicians of the „Jazz-Werkstatt“  
 Foyer of the Kasinogebäude Campus Westend

**Friday, April 3, 19.30**

### Congress Dinner at the „Museum für Kommunikation“

„Museumsufer“ Schaumainkai 54, Frankfurt

We take the motto of the location  
 for the evening: Let's communicate!

### Evening lecture

#### Benefits and hazards of nutrient iron

presented by Jo Marx,  
 (Utrecht, The Netherlands) –  
 Albert Struyvenberg Medal awardee 2009



€ 50,- per person

## ANNOUNCEMENT

### 44th Annual Scientific Meeting of the European Society for Clinical Investigation Bari, Italy 24 – 27 February 2010



Dear Colleagues,

It is a great pleasure to invite you to join us at the **44th Annual Meeting of the European Society for Clinical Investigation (ESCI)** which will take place at the University Medical School in the history-laden city of Bari, Italy, on 24 – 27 February 2010.

Bari (Latin, Barium, coordinates 41°08\_N 16°52\_E), a charming city located in the Apulia region in southern-east Italy bordering the Adriatic sea, is laden with very rich history and culture and well known for its port and its University. Always considered to be the Italian gateway to the East (the Levant), Bari serves as an ideal bridge between West and the East cultures. In addition to several museums, Bari boasts very important monuments including the Castello Svevo (Swabian Castle) of Frederick II of Hohenstaufen (the Holy Roman emperor), the Basilica of Saint Nicholas (the saint patron of the city), a splendid example of the Apulian Romanesque Churches scattered throughout the region, and an important pilgrimage site for the devout throughout Europe and the Christian world, the Petruzzelli Theatre and the „Russian“ Church. The Old Bari and the Murattiano district are the heart of the city and offer a beautiful promenade on the sea. The recently redeveloped Karol Wojtyła Airport has several connections to major European cities.

ESCI is a truly interdisciplinary association of clinicians and basic scientists across Europe working to integrate the different aspects of biomedical research. I have no doubt that your dedication to sound science and the need to share the latest results will make the Bari meeting a major success, with the highest standards in research. At the large and central university hospital „Policlinico“ several topics will be addressed by well-known international scientists dealing with the mechanisms of molecular, cellular, endocrine and metabolic regulation and their consequences for growth, inflammation and atherosclerosis. Several workshops and plenary lectures will guarantee a highly integrated approach throughout the congress, and it is our aim to pool bench to bedside researchers to focus on the different aspects of science. Further details available at [www.esci.eu.com](http://www.esci.eu.com).

I look forward to welcoming you all to Bari to celebrate together 44 years of commitment to doing research!

Prof. Piero Portincasa, Internist, PhD  
president of the local organizing committee

## EXHIBITORS & DONATORS

... as of Feb, 25th 2009

**Without the support of foundations and the pharmaceutical industry we would not have been able to realize a congress of excellent quality. Therefore we are very grateful to the following companies and foundations for their support of our meeting and exhibition:**

Abbott	Max-Planck-Ring 2a	65205	Wiesbaden
AD Instruments GmbH	Reichartshäuser Berg 3	74937	Speckbach
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Bayer Vital GmbH	Gebäude D 162	51368	Leverkusen
Bristol-Myers Squibb GmbH & Co. KGaA	Arnulfstr. 29	80636	München
Celgene	Joseph-Wild-Str. 20	81829	München
Chugai Pharma	Lyoner Str. 15	60528	Frankfurt/M.
DiaSorin Deutschland gmbH	Von-Hevesy-Str. 3	63128	Dietzenbach
Endokrinologikum	Lornsenstr. 4-6	22767	Hamburg
Essex Pharma GmbH	Thomas-Dehler-Str. 27	81737	München
Genzyme GmbH	Siemensstr. 5b	63263	Neu-Isenburg
IBL International GmbH	Flughafenstr. 52a	22335	Hamburg
IDS Immunodiagnostik Systems Dt. GmbH	Mainzer Landtsr. 49	60329	Frankfurt/M.
Ipsen Pharma GmbH	Einsteinstr. 30	76275	Ettlingen
LDN Labor Diagnostika Nord GmbH & Co.KG	Am Eichenhain 1	48539	Nordhorn
Lilly Deutschland GmbH	Werner-Reimers-Str. 2-4	61352	Bad Homburg
Metacure GmbH	Chollerstr. 3	CH 6300	Zug, Schweiz
MSD Sharp & Dohme	Lindenplatz 1	85540	Haar
Mundipharma	Mundipharma Str. 2	65549	Limburg
Novartis Pharma GmbH	Roonstr. 25	90429	Nürnberg
Novo Nordisk Pharma GmbH	Brucknerstr.1	55127	Mainz
Pfizer GmbH	Kinkstr. 10	10785	Berlin
Procter & Gamble	Sulzbacher Str. 40-50	65824	Schwalbach a. T.
Roche Diagnostics GmbH	Sandhofer Str. 116	68305	Mannheim
Roche Pharma AG	Emil-Barell-Str. 1	79639	Grenzach-Wyhlen

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UCB	Alfred-Nobel-Str. 10	40789	Monheim
Wyeth Pharma GmbH	Wienburgstr. 207	48159	Münster

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**OFFICERS AND MEMBERS OF THE ESCI COUNCIL FROM 1967-2009**

Amundsen, E	Norway	councillor 1967-1968
Ardailou, R	France	councillor 1967-1970, vice-president 1970-1971
Badimon	Spain	councillor 1995-1998, vice-president 1998-1999, president 1999-2002
Barry, D I	Denmark	councillor 1987-1990, vice-president 1990-1991
Battegay, E	Switzerland	councillor 1996-1999, vice-president 1999-2000
Beckers, C	Belgium	councillor 1970-1973, vice-president 1973-1974
Berger, M	Germany	councillor 1978-1981, vice-president 1981-1982
Boffa, JJ	France	councillor 2008-2011
Bolli, G B	Italy	secretary 1985-1988, vice-president 1988-1989
Borregaard, N	Denmark	councillor 1984-1987, vice-president 1987-1988
Bruin, T W A de	the Netherlands	secretary-treasurer 1994-1997, vice-president 1997-1998
Campbell, E J M	United Kingdom	councillor 1967-1968, vice-president 1968-1969
Carlsson, L A	Sweden	councillor 1968-1971, vice-president 1971-1972, president 1972-1973
Catto, A	United Kingdom	councillor 2003-2006
Chrousos, GE	Greece	councillor 2005-2008, president 2008-2011
Coster, P de	Belgium	councillor 1987-1990
Creutzfeld, W	Germany	councillor 1967-1968, vice-president 1968-1969
Dalhoff, K	Denmark	councillor 2005-2007
Detry, J M	Belgium	councillor 1977-1980
Dickinson, C J	United Kingdom	secretary 1969-1972
Díez, J	Spain	councillor 2005-2006
Dollery, C T	United Kingdom	secretary 1967-1969, president 1969-1970
Donato, L A	Italy	councillor 1970-1972, vice-president 1972-1973
Donckier, J	Belgium	councillor 1990-1993
Dowling, R H	United Kingdom	secretary 1976-1979, president 1979-1980
Dullaart, R P F	the Netherlands	councillor 1998-2001, vice-president 2001-2002, secretary-treasurer 2002-2005
Edwards, R H T	United Kingdom	secretary 1979-1982, president 1982-1983
Erkelens, D W	the Netherlands	councillor 1980-1981, treasurer 1981-1984, president 1984-1985
Erne, P	Switzerland	councillor 1986-1989, vice-president 1989-1990
Evrard, P	Belgium	councillor 1996-1998, vice-president 1998-1999
Fieschi, C	Italy	councillor 1973-1976, vice-president 1976-1977
Fliedner, T M	Germany	councillor 1970-1973, vice-president 1973-1974, president 1974-1975
Fölsch, U R	Germany	councillor 1982-1984, vice-president 1984-1985, president 1985-1986
Fouqueray, B	France	councillor 2001-2004, vice-president 2004-2005, secretary-treasurer 2005-2009
Friedlander, G	France	councillor 1993-1996, vice-president 1996-1997
Galanti, L	Belgium	councillor 1993-1996
Gisinger, C	Austria	councillor 1992-1995, vice-president 1995-1996
Gjedde, A	Denmark	councillor 1996-1999
Gómez-Pan, A	Spain	councillor 1989-1991, vice-president 1991-1992
Graier, W	Austria	councillor 2002-2005, vice-president 2005-2006
Grant, P	UK	councillor 2000-2003
Grønbaek, H	Denmark	councillor 2002-2005
Grossman, AB	United Kingdom	councillor 2008-2011
Gurné, O	Belgium	councillor 1999-2002, vice-president 2002-2003
Hallberg, L	Sweden	councillor 1967-1968
Hayoz, D	Switzerland	councillor 2000-2003, vice-president 2003-2004

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Heim, T	Canada	councillor 1969-1972, vice-president 1972-1973, president 1973-1974
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Huber, H	Austria	councillor 1975-1976
Hulsmanns, H A M	the Netherlands	treasurer 1970-1974
Huttunen, J K	Finland	councillor 1976-1978, vice-president 1978-1979
Jawien, J	Poland	councillor 1998-2001, vice-president 2000-2001
Jeanrenaud, B	Switzerland	councillor 1971-1974, vice-president 1974-1975
Kaminska, A	Poland	councillor 1980-1983
Kater, L	the Netherlands	treasurer 1977-1981
Keiding, S	Denmark	councillor 1992-1995, vice-president 1995-1996
Keller, U	Switzerland	councillor 1982-1984, vice-president 1984-1985
Koomans, H A	the Netherlands	secretary-treasurer 1991-1994, vice-president 1994-1995
Kostner, G	Austria	councillor 1979-1981, vice-president 1981-1982
Kuntziger, H	France	councillor 1977-1980, vice-president 1980-1981
Kwak, BR	Switzerland	councillor 2008-2011
Kwiecinski, H	Poland	councillor 1983-1986, vice-president 1986-1987
Lassen, N A	Denmark	councillor 1968-1969, vice-president 1969-1970
Legrain, M	France	vice-president 1967-1968
Lüscher, T F	Switzerland	councillor 1994-1996
Mach, F	Switzerland	councillor 2004-2007, vice-president 2007-2008
Magrini, F	Italy	councillor 1982-1985
Majcherczyk, S	Sweden	councillor 1977-1980
Malecki, MT	Poland	councillor 2008-2011
Mancia, G	Italy	councillor 1978-1980, vice-president 1980-1981, president 1981-1982
Mann, A	Germany	councillor 2006-2010, vice-president 2008-2009
Martin, J F	United Kingdom	councillor 1990-1993, president 1993-1996
Marx, J J M	the Netherlands	treasurer 1987-1988, secretary-treasurer 1988-1991, president 2005-2008
McGregor, A M	United Kingdom	councillor 1985-1987, president 1987-1990
Melin, J	Belgium	councillor 1983-1986, vice-president 1986-1987
Meyer, P	France	councillor 1971-1974, vice-president 1974-1975, president 1975-1976
Miller, N E N	USA	secretary 1982-1985
Mjos, O J	Norway	councillor 1977-1979, vice-president 1979-1980, president 1980-1981
Mocsai, A	Hungary	councillor 2007-2011, vice-president 2009-2010
Morel-Maroger, L	France	councillor 1976-1979, vice-president 1979-1980
Muller, W A	Switzerland	councillor 1975-1977, vice-president 1977-1978, president 1978-1979
Nieuwenhuijzen		
Kruseman, A C	the Netherlands	treasurer 1984-1987, president 1990-1993
Noble, M I M	United Kingdom	secretary 1972-1976
Norum, K R	Norway	councillor 1972-1975, vice-president 1975-1976
Oelz, O	Switzerland	councillor 1980-1982

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Ott, P	Denmark	councillor 1999-2002
Oya, M de	Spain	councillor 1992-1994, vice-president 1994-1995
Paulson, O	Denmark	councillor 1976-1978, vice-president 1978-1979
Persu, A	Belgium	councillor 2007-2010
Pontiroli, A E	Italy	councillor 1993-1996, president 1996-1999
Portincasa, P	Italy	councillor 2007-2011, vice-president 2009-2010
Pouleur, H G	Belgium	councillor 1980-1982, vice-president 1982-1983
Pourrat, J P	France	councillor 1985-1988, vice-president 1988-1989
Preisig, R	Switzerland	councillor 1968-1970, vice-president 1970-1971
Przybylski, J	Poland	councillor 1987-1990, vice-president 1990-1991
Radomski, M	United Kingdom	councillor 1991-1993, vice-president 1993-1994
Raedsch, R	Germany	councillor 1986-1989, vice-president 1989-1990
Reincke, M	Germany	councillor 2000-2001
Renold, A E	Switzerland	president 1967-1968
Ricevuti, G	Italy	councillor 1999-2002, vice-president 2002-2003
Riemersma, R A	United Kingdom	councillor 1984-1987, vice-president 1987-1988
Roden, M	Austria	councillor 1996-1999, secretary-treasurer 2000-2002, vice-president 2001-2002
Ronco, P	France	councillor 1989-1992, vice-president 1992-1993
Roos, D	the Netherlands	councillor 2004-2007
Rossert, J	France	councillor 1997-2000, vice-president 2000-2001
Sailer, S	Austria	councillor 1969-1971, vice-president 1971-1972
Sanak, M	Poland	councillor 2001-2003, vice-president 2003-2004
Sandhofer, F	Austria	councillor 1972-1975
Scheithauer, W	Austria	councillor 1989-1992
Scherthaner, G	Austria	councillor 1982-1985, vice-president 1985-1986
Schulte, H M	Germany	councillor 1993-1996, vice-president 1996-1997, secretary-treasurer 1997-2000, president 2002-2005
Segal, A W	United Kingdom	councillor 1981-1983, vice-president 1983-1984
Semplicini, A	Italy	councillor 2003-2006, vice-president 2006-2007
Sjöström, L V	Sweden	councillor 1973-1976
Sladek, K	Poland	councillor 1994-1997, vice-president 1997-1998
Spinas, G A	Switzerland	councillor 1990-1993, vice-president 1993-1994
Stärkel, P	Belgium	councillor 2003-2006, vice-president 2006-2007
Stendahl, O I	Sweden	councillor 1988-1991, vice-president 1991-1992
Struyvenberg, A	the Netherlands	treasurer 1967-1970, president 1970-1971
Tamargo, J	Spain	councillor 2002-2005
Theilmann, L	Germany	councillor 1990-1993
Tiensuu Janson, E	Sweden	councillor 2007-2010
Trovati, M	Italy	councillor 1989-1992, vice-president 1992-1993
Ulrych, M	Czech Republic	councillor 1967-1970
Undas, A	Poland	councillor 2004-2007, vice-president 2007-2008
Verhoeven, A J	the Netherlands	councillor 1995-1997
Verroust, P	France	councillor 1980-1982, vice-president 1982-1983, president 1983-1984
Visseren, FLJ	the Netherlands	councillor 2008-2009, secretary-treasurer 2009-2012
Walldius, G	Sweden	councillor 1981-1983, vice-president 1983-1984
Wascher, T	Austria	councillor 2006-2008
Williams, G	United Kingdom	councillor 1996-1999, vice-president 1999-2000
Ypersele, C van	Belgium	councillor 1974-1975, vice-president 1975-1976, president 1976-1977
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