



FEPS

Federation of European Physiological Societies

FEPS NEWSLETTER

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February 2014

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<http://www.feps.org>

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Secretariat

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Dear colleagues,

On behalf of the executive committee of FEPS I would like to express my gratitude with the election of Markus Hecker of the Heidelberg University as President-elect of our federation.

Markus Hecker will take office in 2015 during the FEPS2015 congress.

David Eisner will step down as President and act as Past-President till 2017.

In this Newsletter you will find a message from Markus Hecker and the most recent information about the FEPS2014 congress to be held in Budapest in August 27-30, 2014.

I'm looking forward to meeting you all in Budapest.

Ger van der Vusse,
Secretary-General of FEPS



Dear colleagues,

It is a real honour and a great pleasure to introduce myself as the new President-Elect of FEPS - an honour, since this office gives me the opportunity to work for a truly international organization that provides a unique platform for scientific exchange between scientists working in diverse areas of physiology, and a pleasure, well, for pretty much the same reasons. I am excited to join the Executive Committee to gradually grow into the role of FEPS' future President in the forthcoming two years. At the same time I hope to be able to contribute to the growth of FEPS for the benefit of its members and young physiologists in particular, who are at the beginning of their career in times of globalized science, rising competition for research money, but also interesting job prospects thanks to a growing interest in systems biology (which, as you might agree, physiologists have kind of been doing all along).

To this end we should aim to increase FEPS' visibility both within the 'inner circle' of its members and the research community in general. Even though we do not have the financial and personal resources some big scientific societies can rely on, I hope that we can further develop existing and establish new voluntary structures within the federation for a comparable level of efficiency, effectiveness and professionalism to ensure the timely distribution of information, e.g. on job offers, but also on scientific expertise and possible research collaborations. Raising money is of course always an issue. If we can pool our contacts to industrial partners, we might be able to collect a sufficient number of even small contributions to establish a FEPS fellowship for young members of its constituting societies, which would raise further interest in FEPS among this important target group. International networking with major physiological societies and federations outside of Europe is another issue worth pursuing with the aim of, e.g. joint meetings, access to training courses and a better exchange of knowledge and policies in general.

But talk is cheap. It takes a lot of ideas and workforce to realise these goals. Please do not hesitate to contact me if you want to contribute in either category in the years to come. I look forward to working with and for you.
Kind regards, and best wishes for a personally and professionally prosperous new year.

Markus Hecker,
President-Elect of FEPS
hecker@physiologie.uni-hd.de

Markus Hecker (1960) studied biology at the University of Konstanz, Germany. After his PhD in 1988, he moved to Georgetown University, Washington, USA for a year, then to St. Bartholomew's Hospital Medical College, London, UK, to work on the role of basic amino acids, nitric oxide and various other modulators of endothelial cell function. In 1993, after two years as a lecturer at the University of Freiburg, Germany, he took on a position as Assistant Professor in the Department of Cardiovascular Physiology, University of Frankfurt, Germany. Three years later he accepted a full professorship as Head of the Division of Cardiovascular Physiology, University of Göttingen, Germany. Between 2001 and 2003 he also acted as managing partner of a biotech company founded by him and his co-workers to optimize and establish decoy oligonucleotides developed in his lab as drugs to regulate the function of transcription factors controlling the expression of disease-relevant genes. Since 2004 he acts as director of the Division of Cardiovascular Physiology at the Institute of Physiology and Pathophysiology, Heidelberg University, Germany.

His research activities focus on biomechanical phenotype regulation in vascular cells, endothelial cell-platelet-leukocyte interactions in the early phase of atherosclerosis, reactive oxygen species as signalling molecules in diabetes and the development of nucleic acid-based therapeutics for the treatment of heart failure. He participates in and coordinates several national and international collaborative research networks. In addition to his research activities he teaches medical and dental students and supervises research projects and dissertations of PhD and MD students.

**JOINT MEETING OF THE FEDERATION OF EUROPEAN PHYSIOLOGICAL
SOCIETIES (FEPS)
AND THE HUNGARIAN PHYSIOLOGICAL SOCIETY
27-30 AUGUST, 2014
BUDAPEST, HUNGARY**



We would like to invite all European physiologists and biomedical scientists to attend the joint meeting of FEPS and the Hungarian Physiological Society in 2014. The meeting will be held in Budapest, Hungary in August 27-30, 2014. The congress will include plenary lectures of distinguished scientists, symposia organized on hot topics in physiological sciences, oral presentations and poster sessions. The program will cover the broad range of physiological sciences, and include the traditional FEPS Young Scientist and Physiology Teaching Symposia. The scientific quality of the presentations will guarantee that this meeting will be a memorable event for all attendees, and the program will be designed to provide opportunities for scientific exchange between the participants.

We sincerely believe that this meeting will be one of the most important European scientific events in 2014, and hope that you will come to Budapest and join the world's leading physiologists at this event.

On behalf of the Local and International Organizing Committee,

László Hunyady

President of the joint meeting of FEPS and the Hungarian Physiological Society

IMPORTANT DEADLINES

| | |
|--------------------------|----------------|
| Abstract submission: | 30 April, 2014 |
| Early Bird Registration: | 1 May, 2014 |

VENUE:

Basic Medical Science Center, Semmelweis University
Tűzoltó Street 37-47, H-1094 Budapest, Hungary

WEBPAGE:

www.feps2014.org

PLENARY LECTURES:

- Lena Eliasson
Lund University Diabetes Centre, Malmö, Sweden
- Jeremy Nicholson
Department of Surgery & Cancer Imperial College, London, UK
- Josef Penninger
Institute of Molecular Biotechnology of the Austrian Academy of Sciences,
Vienna, Austria
- Ulrich Pohl - FEPS Keynote Lecture
LMU Munich Walter Brendel Centre of Experimental Medicine, Munich,
Germany
- Peter Somogyi
MRC, Anatomical Neuropharmacology Unit, Oxford, UK
- Giuseppe Remuzzi
Mario Negri Institute for Pharmacological Research, Bergamo, Italy

SYMPOSIA:

- Electrical propagation in smooth muscle organs
Organizers: Wim J Lammers and Ger J van der Vusse
- From macro- to microvessels: function, structure and molecular mechanisms
Organizers: Ines Drenjančević and Josef Dulak
- Sodium signalling in astroglia
Organizer: Alexei Verkhratsky
- Genetic, molecular and biochemical mechanisms of hypertension
Organizers: Santiago Cuevas Gonzalez and Pedro A Jose
- The calcifying vessel: new genetic findings for future patho-physiological
avenues
Organizers: Georges Lefthériotis and András Váradi
- Regulation of mitochondrial function in heart failure: from health to
dysfunction
Organizers: Rob CI Wüst and Ger JM Stienen
- Signalling at membrane contact sites
Organizer: Nicolas Demaurex
- Lipid GPCRs in Physiology and Disease
Organizers: Zoltán Benyó and Stefan Offermanns
- From cell signalling to bioenergetics and cell damage
Organizer: Alexei Tepikin
- Physiology of interaction between RAS, IRAP and glucose metabolism
Organizer: Stefan Zorad and Manuel Sanches
- Current trends in respiratory physiology: from lung function towards system
biology approaches
Organizer: Ildikó Horvath
- Physiology and pathophysiology of bicarbonate secretion in the airways – Key
to therapy of cystic fibrosis
Organizer: Ákos Zsembery
- Pulmonary surfactant: from molecule to function
Organizer: Andrea Calkovska

- New therapeutical targets in acute pancreatitis
Organizers: Ole H. Petersen and Péter Hegyi
- Micro RNA networks and potential clinical implications in cancer, cardiovascular and renal diseases
Organizer: Péter Hamar
- Lipid homeostasis: what we learnt from sex hormone estrogens
Organizers: Maria Marino and Raquel Marin
- Non-canonical functions of the endogenous opioid peptides
Organizer: Oleg Krishtal
- Epithelial function and repair
Organizers: Gábor Varga and Zoltán Rakonczay
- Novel mechanisms contributing to aging
Organizer: Ákos Koller
- Physiology and regulation of K2P channels
Organizer: Péter Enyedi
- Revealing the prominent role of neuroglia in neurodegeneration
Organizer: José Julio Rodríguez Arellano, Spain
- History of Physiology
Organizers: Osmo Hanninen and Emil Monos
- FEPS Physiology Teaching Symposium
Organizers: Tamás Ivanics and Ger J van der Vusse
- European Young Physiologist Symposium
Organizers: Andrea Tamás

REGISTRATION FEE:

| | Early Bird | Standard | On-site |
|----------|--------------|--------------|--------------|
| Regular: | € 200 | € 250 | € 300 |
| Student: | € 100 | € 130 | € 150 |

SOCIAL PROGRAMME:

- | | |
|------------------------------|----------------------------------|
| • Welcome Reception | included in the registration fee |
| • Gala Dinner | € 55 |
| • Young Physiologists' Party | free |

ORGANIZER:

Expert-Quality Congress & Travel Agency Ltd.
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