



# FEPS

## Federation of European Physiological Societies

### FEPS NEWSLETTER

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<http://www.feeps.org>

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## Letter of the Secretary General of FEPS

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Dear colleagues,

In September of this year the 8th FEPS congress will be held in Istanbul, Turkey. The preparations are in full swing and the indications are that the congress will become a great success, both scientifically and socially.

The congress includes the traditional young Physiology symposium (EYPS) organized by and for young European physiologists, the FEPS Physiology Teaching symposium, key note and plenary lectures by renowned scientists and a workshop dedicated to "Lung, macrophages, hypoxia and inflammation".

Furthermore, there are 18 symposia with invited speakers on an array of hot items in modern physiological research and ample room for posters and free oral communications.

All details about registration and the preliminary program are available on the congress' website: [www.FEPS2011.org](http://www.FEPS2011.org).

Additional information is provided in this FEPS newsletter, see: "Announcement of the chair of the local organizing committee" and "Highlights of the FEPS2011 congress".

Note that the deadline for submitting abstracts and early registration is extended to May 31, 2011.

I'm looking forward to meeting you in exciting Istanbul.

Ger J. Van der Vusse  
Secretary General of FEPS



## **FEPS 2011 Congress in Istanbul, Turkey, September 3-7, 2011**

The 8th FEPS Congress is going to be jointly organized with Turkish Society of Physiological Sciences at Yeditepe University in Istanbul between 3 and 7 September, 2011. This is also the 37<sup>th</sup> Physiology Congress of the Turkish Society. The meeting will start with the traditional European Young Physiologist Symposium (EYPS) on Saturday September 3, organized by and for young physiologists. The official opening ceremony will take place in the evening of the same day followed by the FEPS keynote lecture presented by Professor Antoon Moorman of the University of Amsterdam.

Outstanding speakers from all over Europe, United States, Canada and Japan will take part in 18 symposia and two workshops scheduled in the program on Sunday, Monday and Tuesday (September 4-6). Four distinguished plenary lecturers (Alan North, Can Ince, Susan Wray and Gareth Leng) and a "Respect to the Masters" session will also be included in the FEPS Congress. A lecture on physiology teaching in medical curriculum will be given by Professor Robert Carroll of East Caroline University. Poster presenters will be provided plenty of time to present their work at unparalleled sessions on each day of the congress. All abstracts presented at the congress will be published in the supplement of "Acta Physiologica". Abstracts already submitted by now appear to be from so many different countries including the northern and continental European, Balkans, Mediterranean and Middle Eastern countries.

The congress will not end without discovering and enjoying the most exciting places in Istanbul, the city where Europe and Asia meet. There will be an optional boat tour on the Bosphorus followed by an excursion to the historic attractions of Istanbul including Blue Mosque, Hagia Sophia and Topkapi Palace Museum on Wednesday (September 7). Several optional touristic programs will be also available during the meeting. Further information can be found on the webpage ([www.feps2011.org](http://www.feps2011.org)) that is regularly updated. We are looking forward to welcoming you and sharing this unique experience with you in Istanbul.

Professor Bayram Yilmaz  
Chair, Local Organizing Committee  
Yeditepe University  
Istanbul, Turkey

## Highlights of the FEPS2011 congress in Istanbul, September 3-7, 2011

### The European Young Physiology Symposium (EYPS)

The traditional EYPS, organized by and for young physiologists (age <35 years), is chaired by Güler Öztürk; Katherine Dibb from Manchester is the FEPS representative in the organizing committee. The symposium includes key note lectures by invited renowned speakers, and free communications in the form of posters and orals. The EYPS ends with the traditional young FEPS party in the evening of Saturday September 3.

### FEPS key note lecture and plenary lectures

The FEPS keynote lecture will be presented on Saturday September 3 as part of the opening ceremony by Antoon Moorman (University of Amsterdam). The title of his lecture is: "Development of the building plan of the heart". Plenary lectures during the congress will be presented by Alan North, Susan Wray, Can Ince, Gareth Leng and Robert Carroll.

### FEPS Physiology Teaching Symposium

This year the annual FEPS Physiology Teaching Symposium will be organized in the form of a workshop. The organizing committee of the workshop is chaired by Berrek Yeğen and Mehmet Ali Gülpınar. The subject is "Integration of Physiology Teaching in Clinical Settings" with special focus on the principals of integrating physiology in different clinical settings and different organ-system based programs, such as neurology, psychiatry, cardiology, endocrine and metabolic systems, and reproduction. The maximal number of participants is limited to 30.

### Workshop on "Lung, Macrophages, Hypoxia and Inflammation"

The workshop on "Lung, Macrophages, Hypoxia and Inflammation" is organized by Heimo Mairbaur and Nuray Yazihan. The number of participants is limited to maximally 50.

The workshop includes lectures by invited renowned scientists, short oral communications and a workshop on "Visualizing hypoxic cell signaling".

### Posters and oral communications

Free communications will be selected for posters or oral communications. Posters will be on display in unparalleled sessions in spacious poster halls. Lunches will be served in the poster halls to increase the attractiveness to visit and discuss the posters on display on each day of the congress. Free oral communications will be organized at the end of the afternoons.

### Scientific symposia with invited speakers

During the FEPS2011 congress, 18 symposia will be presented with invited speakers from Europe, North America and Asia on the following subjects:

- Molecular physiology of chemical transmission in neuronal-glia circuits
- Purinergic signaling – coupling glia and neurons in health and disease
- Hypoxia's impact on the regulation of food intake and fat metabolism
- Neuroglial roots of neurodegenerative diseases
- Cellular dysfunction in heart disease; a paradigm of structural disorganization and signaling failure (Supported by the Physiological Society)
- Physiological responses to Pressure
- Cardiovascular and respiratory reflexes: from physiology to clinics
- Physiology of the (pro)renin receptor
- Diabetes, Obesity and GLP-1: Can a small peptide solve big problems?
- Spinal and peripheral mechanisms in nociception and chronic pain
- New insights into the physiology, pathophysiology and pharmacology of non-vascular smooth muscle
- Receptors for amino acids, fatty acids and metabolites: novel detectors of metabolism
- Erythropoietin and Brain
- What is new in calcium signaling?
- Mouse models of vascular permeability control: Visualizing the Future (Supported by the Physiological Society)
- Functional alterations of membrane channels and neuronal excitability in epilepsy and muscle diseases
- Oxidative stress in ischemia-reperfusion injury in skeletal muscle, in exercise and inflammation, and influence of estrogen on skeletal muscle damage
- The increasing physiological role of brown adipose tissue (Supported by the Scandinavian Physiological Society)



## List of contents of Acta Physiologica April and May 2011

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