



# FEPS

## Federation of European Physiological Societies

### FEPS NEWSLETTER

NOVEMBER 2005, #3

<http://www.feeps.org>

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FEPS Newsletter:**

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**Please find below this month's FEPS NEWSLETTER.  
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## Letter of the president of FEPS

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Dear Members of the national European Physiological Societies,

The opening of Registration and Abstract submission to the 2006 FEPS Joint Meeting together with the German Physiological Society is just around the corner – November 10<sup>th</sup>. From that date you will find the full program and further details on the address:

<http://physinst.web.med.uni-muenchen.de/dpg06/>

I sincerely hope that many members in all European Physiological Societies already marked March 26-29, 2006 in their calendars! The meeting will give a unique opportunity to meet with a large part of the German Society members – and physiologists from other countries as well. Participate in building the European Platform where European physiologists will meet annually!

The German Physiological Society traditionally arranges their annual meeting at the end of March with a large turnout. In 2006 there are more Lectures and, especially, more Symposia than usual - for the benefit of an expected large participation by other European physiologists.

The specific FEPS contributions are the Young Physiologists Symposium – this year focusing on "*Molecular Biology as new tool in Physiological Research*", the Symposium on Teaching Physiology – this year highlighting "*Innovative methods in teaching Physiology - Experiences*



with *Problem-based Learning environment*", and the Annual FEPS Lecture. This Newsletter contains further information from the Chairman of the Young Physiologists' Symposium, and the Chairmen of the Teaching Symposium. The 2006 FEPS Lecturer will soon be announced.

It is my hope that each member Society stimulates their members' participation as much as possible. Together with the Ulrich Pohl and the Organizing Committee we will approach each Society in a separate letter.

The Program covers a broad field, but with special emphasis on current "hot topics in Physiological science" that will secure that your presence in Munich March 26-29<sup>th</sup> is a good investment! I'm looking forward to meeting you all in Munich!

Hans Hultborn,  
President of the Federation of European Physiological Societies.

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## **Information about the Joint meeting German Physiological Society and FEPS, March 26-29, 2006**

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Dear Colleagues:

We invite you come to Munich in spring 2006! The 85th Annual meeting of the German Physiological Society, in conjunction with the Federation of European Physiological Societies, will be held on the main campus of the Ludwig-Maximilians-University, in the heart of the Bavarian capital.

The spacious and historical main building will guarantee short ways and space for vivid discussions. The larger scientific scope of a joint meeting will clearly support fruitful scientific interactions as previously experienced when the German Physiological Society held joint conferences with other physiological societies. The local organizing committee is working hard to support this by a smooth organisation.

The upcoming joint meeting will act as a venue for the presentation of new developments in all actual fields of Physiology. Hopefully it will be also act as a platform for the initiation of collaborations among physiologists all over Europe. Leading investigators, with diverse interests in the development, regulation and dysfunction of organ systems, will lead presentations and discussions throughout a program of oral and poster sessions, plenary lectures and a high number of symposia covering hot topics in physiology. These topics were selected from the proposals of many colleagues from all over Europe whom I wish to thank for their initiatives.

Additionally, we are offering a special platform for all young European scientists, with their own selected topics and sessions. Those who participate in the European Young Physiologists Symposium (EYPS) will also considered in the classical programme scheme and have, therefore the chance to present their data twice. We hope that this will not only increase the scientific attractiveness of the meeting for young people but also represent an excellent opportunity for job recruitment and for discussing new research/career opportunities.

Munich also offers a rich blend of arts, culture and tourist attractions: there is much to see and to do in the city. We invite you to enjoy not only good science, but also to explore a city with many inviting cafes and shops, historic places, theatres and museums. As a congress dinner we are planning a Bavarian evening which should give you some insights into the nice traditions and the way of life in this most southern state of Germany.

We will be pleased to host you in Munich 2006. We look forward to an outstanding scientific meeting within a wonderful social and cultural setting!

Ulrich Pohl

**Joint Meeting**  
of  
**The German Physiological Society**  
and  
**The Federation of European  
Physiological Societies**



**Munich, March 26-29, 2006**

***(Deadline Dec. 15<sup>th</sup>, 2005)***

**Call for Abstracts  
and  
Preliminary Program**

**Venue:** Geschwister-Scholl-Platz 1, 80539 Muenchen

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**Congress Fees:**

(incl. Abstract Fee)

**Early registration:**

Members	€ 90.-
non Members	€ 105.-
Students	free

**After January 1st, 2006:**

all Participants	€ 135.-
Students	€ 30.-

**No extra Fees for Young FEPS**

**Travel awards available!**

***European Young Physiologists Symposium (Young FEPS):***

*Students and early postdocs make their own programme, comprising Oral sessions (will be also included as posters in the main programme), Competition for a young investigator award and a Symposium (Molecular biology as a tool in physiological research)*

**Abstract submission:**

**<http://www.dpg-online.org/>**

**Opens Nov. 10th**

**Deadline: Dec. 15<sup>th</sup>, 2005**

For information on hotels and touristic attractions in the Munich area, please visit:

<http://www.muenchen-tourist.de>

or email to: [tourismus@muenchen.de](mailto:tourismus@muenchen.de)

PRELIMINARY PROGRAMME:

Sun. 26.03.06	Mon. 27.03.06	Tue. 28.03.06	Wed. 29.03.06
Young FEPS	Symposia	Symposia	Symposia
Break			
Young FEPS	Main Lecture	Main Lecture	Main Lecture
	Posters + Coffee	Posters + coffee	Posters + Coffee
Lunch			
Symposia	Oral Sessions	Oral Sessions	Oral Sessions
Break			
Young Investigator Award (YIA)	Posters + Wine	Posters + Wine	Posters + Wine
	Oral Sessions	Oral Sessions	Oral Sessions
Break			
YIA	Main Lecture	Main Lecture	Main Lecture
Opening / Welcome Reception/ Young FEPS party	Members' Assemblies	Society Dinner	

## Topics of Symposia

- Mechanisms of glia-axon communication and nervous system repair.
- GABA and epilepsy.
- The mouse model for investigation of motor control in health and disease.
- Purinergic mechanisms in muscle nociception.
- Purinergic transmission in the nervous system.
- New insights in cerebellar physiology
- Versatility of intracellular signalling pathways: From receptor to network plasticity.
- Blood vessels and nerves: common signals and pathways in development.
- The hypoxia response: from mussel to man.
- Intracellular calcium signalling.
- Gas channels in membranes
- Calcium handling in normal and diseased heart.
- Cardiac physiology and pathophysiology in transgenic mice.
- Aldosterone and vascular function.
- Cardio-mechano electric feedback: from pipette to patient.
- Myocardial calcium cycling and contractile function
- Development of the cardiovasc. system: plasticity through genetic and environmental factors.
- Chloride channels: structure, function, disease.
- Physiology and biophysics of KCNQ potassium channels.
- Alveolar fluid transport: new insights into lung edema and injury.
- Amino acid transporters: expression, regulation and physiological role
- Molecular mechanisms operating in the normal and diseased proximal tubule: new insights and perspectives.

## European Young Physiologist Symposium (EYPS)

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Are you a young European Physiologist up to the age of 35?

*Then Munich on March 26, 2006 is the place to be!!!*

Preceding the joint meeting of The German Society of Physiology and the Federation of European Physiological Societies a special platform for all European Young Physiologists up to the age of 35 will be held.

The theme of this symposium will be:

**“Molecular Biology as a tool in Physiological Research”**

The scientific program will consist of:

- Two Keynote Lectures by outstanding young post docs
- Additional lectures by excellent young scientists
- A moderated poster session during lunch break
- Several workshops/ master classes on ‘hot topics’
- Young Investigators’ competition

The EYPS will be concluded with a party, which gives you the opportunity to get together with your European colleagues in a very informal environment!

We hope you will take the chance to come to the beautiful city of Munich to enjoy a whole day of outstanding science together with other young physiologists!

The organizing committee,

Heike Beck (Institute of Physiology, Ludwig Maximilians University, Munich, Germany)  
Katarina Likavcanova (Institute of Experimental Medicine ASCR, Prague, Czech Republic)  
Jörg Niehüser-Saran (Cardiovascular Division, King’s College London, United Kingdom)  
Adam Steensberg (Copenhagen Muscle Research Centre, Copenhagen, Denmark)  
Birgit Teunissen (Department of Physiology, University of Maastricht, The Netherlands)

Soon we will provide you with extra information and a detailed program via the meeting website: <http://physinst.web.med.uni-muenchen.de/dpg06/>

If you personally want to be informed about the details of the program, please send an e-mail to: [B.Teunissen@fys.unimaas.nl](mailto:B.Teunissen@fys.unimaas.nl)

## **FEPS Workshop on “Innovative methods in Teaching Physiology - Experiences with Problem Based Learning” Munich, March 26,2006**

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This FEPS workshop will concentrate on new experiences in teaching Physiology by problem based learning and in which the audience will be invited to participate vividly in the discussion around new developments in this educational methodology. In this workshop several aspects of innovative developments in PBL will be covered, such as

1. Organizational aspects. The following questions will be addressed: what are the specific problems by setting up a Physiology course within the frame of problem-based learning; since PBL requires an interdisciplinary approach; who is responsible for the curricular content in medical education; is there any value left in good lecturing; do we need feedback from both students and teaching colleagues?
2. Teacher specific aspects. Such questions will be addressed as: do we need other type of teachers in PBL; why are so many teachers opposed to the idea of PBL; do we lose lecturing skills by changing to PBL; what is a good tutor?
3. Evaluation aspects, including: how should knowledge that has been gathered via PBL be evaluated; is there any place left for oral examinations; what is the risk for Physiological misconceptions in PBL, and how can they be tracked and corrected?
4. Student aspects: can students tell us their experiences in PBL; does PBL affect the development of a personality in a different way than in traditional teaching; should PBL be used in a different approach in the bachelor and master phase?
5. Communication aspects: what about the marriage between PBL and ICT; learning sources: is Google a better and more powerful source than a good, modern Physiology textbook?

The workshop will be organized as such that each of the above mentioned domains will be covered by an expert lecturer in a presentation of about 20 minutes each. Before the start of the lectures, the audience will receive hand outs with provocative propositions and questions regarding each topic. Participants are invited to give their opinion on the PBL approach in relation to the educational methodology they are used too. To allow this, ample time will be reserved for discussion on the propositions and questions after each lecture.

The workshop will be chaired by Dr. Luc Snoeckx, member of the Department of Physiology of the Medical Faculty of the Maastricht University in the Netherlands. This university has a 30 years experience with PBL in medical education. The co-chair will be held by Dr. Carlo di Benedetto of the Department of Physiology of the University of Bari, Italy. He also has experienced PBL in medical education.





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