



Bringing European Pharmacologists together ...

Dear members of EPHAR Societies,

The most important event in European pharmacology this year, The 16th World Congress of Basic and Clinical Pharmacology (WorldPharma2010), Copenhagen, 17-23 July, 2010 is about to start.

That will be a memorable event collecting together more than 3000 pharmacologists, 1600 from Europe. The outstanding scientific program consists of 700 oral and 2000 poster presentations. The program is organized in 18 focused conferences covering the most important areas of basic and clinical pharmacology with their recent advancements. In addition, there will be 26 plenary lectures and 37 society workshops / sponsored symposia. The detailed scientific program and abstracts of the presentations are available on the WorldPharma website www.worldpharma2010.org.

EPHAR celebrates its 20th Anniversary this year and is active in organizing and participating in various activities in WorldPharma. Further information is found in this Newsletter.

Looking forward to seeing you in Copenhagen,

Ewa Milea

President

The Federation of European Pharmacological societies

EPHAR activities in WorldPharma 2010

EPHAR Workshop

Monday 19 July 12.45-14.15, Meeting room 20

New Opportunities in the Pharmacology of Neuro-Immune Interactions

EPHAR Lecture

Thursday 22 July 17.30-18.15, Auditorium 15

Thomas LÖNNGREN, Executive Director, European Medicines Agency (EMA)

Successes and Challenges in Drug Development – a Regulatory Perspective

EPHAR Wine Reception (by ticket only)

Thursday 22 July 18.30-19.45 at the Bella Vista Restaurant, Bella Center

"Beta-blocker blues and other pharmacological music by Dr. Ewen MacDonald"

DELEGATES TO THE **EPHAR COUNCIL** are invited to the

EPHAR Council Breakfast Meeting - Presentation of bids for EPHAR2016 Congress

Wednesday 21 July, 7:30-9:00 (a.m.), BV 4 (Bella Vista Restaurant, Bella Center)

EPHAR Council Meeting

Thursday, 22 July, 12:45 - 14:15, BV 1/2/3

EPHAR Workshop in WorldPharma 2010

New opportunities in the pharmacology of neuro-immune interactions

Monday July 19th at 12.45-14.15 hours, meeting room 20

This summer EPHAR will celebrate her 20th anniversary at WorldPharma 2010. Therefore, EPHAR has organized a workshop entitled "New Opportunities in the Pharmacology of Neuro-immune interactions" that will be chaired by Thomas Griesbacher from Austria and Aletta Kraneveld from the Netherlands.

It is well established that the nervous and immune system interact and regulate one another's functions. The neuroendocrine system represents a sensory function for the immune system wherein leukocytes recognize stimuli that not recognized by peripheral and central nervous system and vice versa. In the past 30 years active research has been performed on the complex interaction between neural, neuroendocrine, behavioral and immunological processes in the pathogenesis of chronic inflammatory conditions and CNS diseases. In this session, Pierangelo Geppetti from University of Florence, Italy, will shed light on the role of neuropeptide receptors in the control of pain and inflammation associated with migraine. The role and mechanisms of cytokines in sickness behavior observed during acute and chronic inflammatory diseases will be presented by Jan Pieter Konsman from the University of Bordeaux, France. Aletta Kraneveld from Utrecht University, the Netherlands will discuss the relevance of gut-brain cross talk in the development of intestinal inflammatory diseases and CNS diseases-associated with intestinal dysfunction.

Don't miss this interesting EPHAR workshop on Monday July 19 from 12.45-14.15, meeting room 20.

written by Aletta Kraneveld

W11 Workshop

New opportunities in the pharmacology of neuro-immune interactions

Organized by: [The Federation of European Pharmacological Societies \(EPHAR\)](#)

Leaders: Ulrich Förstermann (Germany) & Aletta D Kraneveld (The Netherlands)

Chairs: Aletta D. Kraneveld (The Netherlands) & Thomas Griesbacher (Austria)

12:45 - 13:10

Cytokine-induced sickness behaviour: mechanisms and implications

[Jan-Pieter Konsman \(France\)](#)

13:10 - 13:35

Neuropeptide receptors in the control of pain and inflammation: focus on migraine

[Pierangelo Geppetti \(Italy\)](#)

13:35 - 14:00

Gut-brain and brain-gut axis revisited: possible implications in IBD and food allergy

[Aletta D Kraneveld \(The Netherlands\)](#)

EPHAR YOUNG INVESTIGATOR AWARDS

EPHAR Young Investigators Awards competition was designed for young European pharmacologists who have published an outstanding paper in pharmacology in 2008 or 2009 as the first author, and are under 35 years of age.

All applications were evaluated by a scientific board nominated by EPHAR Executive Committee.

Winners of the EPHAR Young Investigator Awards

Nariman BALENGA

The GPR55 ligand L- α -lysophosphatidylinositol promotes RhoA-dependent Ca²⁺ signalling and NFAT activation

C.M. Henstrige*, N.A. Balenga*, L.A. Ford, R.A. Ross, M. Waldhoer, A.J. Irving (*equal contribution)

FASEB J., 2009; 23: 189-193

<http://www.ncbi.nlm.nih.gov/pubmed/18757503>



Hélène BEAUSSIER

Carotid plaque, arterial stiffness gradient, and remodelling in hypertension

H. Beaussier, I. Masson, C. Collin, E. Bozec, B. Laloux, D. Calvet, M. Zidi, P. Boutouyrie, S. Laurent

Hypertension, 2008; 52: 729-736

<http://www.ncbi.nlm.nih.gov/pubmed/18779439>



Claudio D'ADDARIO

The role of acetaldehyde in mediating effects of alcohol on expression of endogenous opioid system genes in a neuroblastoma cell line

C. D'Addario, Y. Ming, S.-O. Ögren, L. Terenius

FASEB J., 2008; 22: 662-670

<http://www.ncbi.nlm.nih.gov/pubmed/17934066>



EPHAR acknowledges support of its activities in the academic year 2009-2010

British Pharmacological Society

Danish Society for Pharmacology, Toxicology and Medical Chemistry

Finnish Pharmacological Society

Italian Society of Pharmacology

Bayer Italy

UCB Pharma

(in alphabetical order)

EPHAR LECTURES 2010

1. **Autophagy, Stem Cells and Cancer**, by **Hans-Uwe SIMON** (Bern) Given during the conference “51st Annual Meeting of the German Society for Experimental and Clinical Pharmacology”, Mainz, 23-25 March 2010. (German Society for Experimental and Clinical Pharmacology)
2. **Advances in the Medical Treatment of Diabetic Retinopathy**, by **Rafael SIMO** (Barcelona) Given during the “6th National Conference in Pharmacology”, Crete, 4-6 June 2010. (Hellenic (Greek) Society of Pharmacology)
3. **Successes and Challenges in Drug Development – a Regulatory Perspective**, by **Thomas LÖNNGREN** (London) To be given during the “16th World Congress on Basic and Clinical Pharmacology”, Copenhagen, 17-23 July 2010.
4. **Novel Developments in Biological Indicators of Substance Abuse**, by **Kim WOLFF** (London) To be given during the “Pharmacology Graduate Student Meeting”, Msida, end of September 2010. (Pharmacology Society of Malta)
5. **Migraine and Calcium Channels**, by **Daniela PIETROBON** (Padova) To be given during the “16th Scientific Symposium of the Austrian Pharmacological Society”, Vienna, 25-27 November 2010. (Austrian Pharmacological Society)

EPHAR SYMPOSIUM 2010

Molecular Pharmacology of G Protein-Coupled Receptors and Signalling Partners. Istanbul, October 2010
(Turkish Pharmacological Society)

EPHAR WORKSHOP 2010

New Opportunities in the Pharmacology of Neuro-Immune Interactions. During the “16th World Congress on Basic and Clinical Pharmacology”, Copenhagen, 17-23 July 2010.

EPHAR INSTRUCTIONAL COURSE 2010

Summer School of Neuroscience (8): Schizophrenia and Other Psychoses: What Can Clinics Learn from Other Sciences? Catania, 10-16 July 2010.
(Italian Society of Pharmacology)

WHAT IS EPHAR?

- The Federation of European Pharmacological Societies
- 25 National / Regional Member Societies
- about 12 000 members through Member Societies

OBJECTIVES OF EPHAR

The Federation is a non-profit voluntary association established to advance research and education in Pharmacology and related sciences and to promote co-operation between National / Regional Pharmacological Societies in Europe and surrounding countries e.g. by organising periodical European Congresses of Pharmacology, by sponsoring EPHAR lectures, symposia and instructional courses, by encouraging the holding of joint meetings between Member Societies and exchanging of scientific information between European Pharmacologists, and by facilitating the movement of Pharmacologists in Europe.

HISTORY OF EPHAR

EPHAR was founded at the XIth International Congress of Pharmacology in Amsterdam, in 1990. The foundation was prepared by a steering committee headed by Börje Uvnäs.

Since its establishment in 1990, the aim of EPHAR was to advance research and education in Pharmacology and related sciences and to promote co-operation between National / Regional Pharmacological Societies in Europe. EPHAR was recognized as an affiliate member of IUPHAR in 1994.

In addition, the statutes of EPHAR, approved at its foundation, established that the affairs of the Federation are conducted by a Council, formed by representatives nominated by each Society, and by an Executive Committee. The first President, R. Paoletti (Italy), the first Scientific Secretary, F. Cattabeni (Italy) and the first Executive Committee consisting of 4 further members were in office until 1997. Members of the first Executive Committee were W.C. Bowman (UK), G. Fillion (France), H. Scholz (Germany), and H.A.J. Struijker-Boudier (The Netherlands).

Since 1990, the Federation has sponsored important scientific events. In particular, EPHAR has contributed in the organization of residential Courses with a restricted number of participants, the first ones being "Molecular Biology in Pharmacology", Milan, 1990; "Neuroimmunomodulation in Pharmacology", Paris, 1992; "Electrophysiology in Pharmacology", London, 1993. Courses are addressed to biomedical scientists willing to improve their knowledge in specific fields of pharmacology and related sciences. Moreover, the Federation has sponsored a number of "EPHAR Lectures" held in occasions of (joint) meetings of member Societies.

The most important scientific events established by the Federation are the **EPHAR Congresses**. Until now, five such meetings have taken place in different European countries. The congress programs have included plenary lectures, symposia, round tables, and oral and poster communications devoted to the most recent advances in pharmacology and related sciences and therefore represented the adequate forum for discussing preclinical, clinical and therapeutic data. Particular emphasis was given to the impact of biotechnologies on drug development and to the identification of novel pharmacological approaches to incurable diseases. Sessions were also held on the relationship between science and society in Europe, with particular reference to drug registration, strategies for research funding and training of pharmacologists.

First EPHAR Congress: Milan, Italy, 1996

Second EPHAR Congress: Budapest, Hungary, 1999

Third EPHAR Congress: Lyon, France, 2001

Fourth EPHAR Congress: Porto, Portugal, 2004

Fifth EPHAR Congress: Manchester, UK, 2008

The Sixth EPHAR Congress will be organized in Granada, Spain, in 2012 by The Spanish Society of Pharmacology



EPHAR Executive Committee 2008-2012



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Bringing European Pharmacologists together ...



Austrian Pharmacological Society
Österreichische Pharmakologische Gesellschaft (APHAR)



**Belgian Society of Fundamental and Clinical
Physiology and Pharmacology**
*Société Belge de Physiologie et de Pharmacologie
Fondamentales et Cliniques - Belgisch Genootschap voor
Fundamentele en Klinische Fysiologie en Farmacologie*



British Pharmacological Society
British Pharmacological Society (BPS)



Bulgarian Pharmacological Society



Croatian Pharmacological Society
Hrvatsko Društvo Farmakologa (HDF)



**Czech Society for Experimental and Clinical
Pharmacology and Toxicology**
*Ceská Společnost pro Experimentální a Klinickou
Farmakologii a Toxicologii (SEKFT)*



**Danish Society for Pharmacology and
Toxicology**
Dansk Selskab for Farmakologi og Toksikologi (DSFT)



Dutch Pharmacological Society
Nederlands Vereniging voor Farmacologie (NVF)



Finnish Pharmacological Society
Suomen Farmakologiyhdistys (SFY)



French Society of Pharmacology
Société Française de Pharmacologie (SFP)



German Society of Pharmacology
*Deutsche Gesellschaft für Pharmakologie in der
DGPT (DGP)*



Hellenic (Greek) Society of Pharmacology
Ellinikí Etaireía Farmakologías



**Hungarian Society for Experimental and
Clinical Pharmacology**
Magyar Kísérletes és Klinikai Farmakológiai (MFT)



Italian Society of Pharmacology
Società Italiana di Farmacologia (SIF)



Pharmacology Society of Malta



**Norwegian Society for Pharmacology and
Toxicology**
Norsk Selskap for Farmakologi og Toksikologi (NSFT)



Polish Pharmacological Society
Polskie Towarzystwo Farmakologiczne (PTST)



Portuguese Pharmacological Society
Sociedade Portuguesa de Farmacologia (SPF)



Russian Scientific Society of Pharmacology



Slovak Pharmacological Society
Slovenská Farmakologická Spoločnosť (SFaS)



Slovenian Pharmacological Society
Slovensko Društvo Farmakologov (SDF)



Spanish Society of Pharmacology
Sociedad Española de Farmacología (SEF)



**Swedish Society for Pharmacology, Clinical
Pharmacology and Therapeutics**
Sektionen för Läkemedelslära



**Swiss Society of Pharmacology and
Toxicology**
*Société Suisse de Pharmacologie et de Toxicologie
Schweizerische Gesellschaft für Pharmakologie und
Toxicologie (SSPT / SGPT)*



Turkish Pharmacological Society
Türk Farmakoloji Demegi (TFD)