

Executive Committee

C.G. Wilson UK
President
 D.J.A. Crommelin NL
Past-President
 H.H. Lindén SE
Executive Director
 B. Aksu TR
 A. Cuiné FR
 L. Dencker SE
 R. Gaspar PT
 U. Holzgrabe DE
 E.M. Muchitsch AT
 J. Murray UK

Member Societies

Austria
 Belgium
 Croatia
 Czech Republic
 Denmark
 Finland
 France
 Germany
 Greece
 Hungary
 Israel
 Italy
 Norway
 Poland
 Portugal
 Romania
 Slovak Republic
 Slovenia
 Spain
 Sweden
 Switzerland
 The Netherlands
 Turkey
 United Kingdom

EUFEPS Central Office

Hans H. Lindén

Address

EUFEPS Secretariat
 PO Box 1136
 SE-111 81 Stockholm, Sweden
 Phone +46 8 7235000
 Fax +46 8 4113217
 Email secretariat@eufeps.org
 Website www.eufeps.org

Editor

Peter Williams

Lay-out

Camilla Boquist
 Lådan & Co, Stockholm

Conference Report

Networking in Pharmaceutical Sciences

EUFEPS/CPhS Conference • February 27 • 2009 • Zagreb • Croatia

Introduction

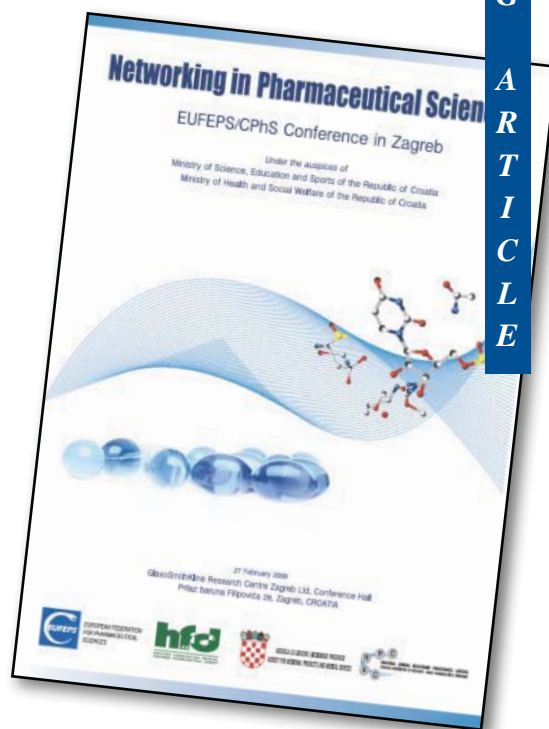
The tremendous advances of science and its application in technology, from drug modeling to drug formulation, emphasize the role and importance of networking in pharmaceutical sciences. Scientists know well that they sometimes bear an exceptional responsibility in the world. The spreading of knowledge and information contribute to educational, cultural and intellectual enrichment, which in turn lead to technological advancement and economic advantage. In this context an international conference was organised in Zagreb with the main aim to support pharmaceutical sciences and networking of pharmacists wherever they work, in industry, academia or regulatory bodies.

Conference

The EUFEPS/CPhS Conference in Zagreb 'Networking in Pharmaceutical Sciences' was organized by the European Federation for Pharmaceutical Sciences (EUFEPS) and the Croatian Pharmaceutical Society (CPhS) under the auspices of the Ministry of Science, Education and Sports of the Republic of Croatia and the Ministry of Health and Social Welfare. The event took place at the GlaxoSmithKline Research Centre Zagreb Ltd. Partners in organisation were Croatian Agency for Medicinal Products and Medical Devices (ALMP) and the Croatian Association of Research-Based Pharmaceutical Companies (CARPC), the associated member of the European Federation of Pharmaceutical Industries and Associations (EFPIA).

Participants of this conference were also welcomed by representatives of partner institutions, Dr. Siniša Tomić, the Head of the ALMP and Dr. Dario Naletilić, the Chairman of the CARPC.

CONTENTS: Networking in Pharmaceutical Sciences 1 • EuPAT 4 - Taking PAT to the Next Level 3 • Executive Committee of EUFEPS 4 • Awards Presented at PharmSciFair 2009 5 • The Scheele Prize 2009 5 • PharmSciFair session: Pharmaceuticals in the environment 6 • PharmSciFair 2009 Photos 7 • EUFEPS Network: BioAvailability and BioPharmaceutics 8 • EUFEPS Network: PAT Process Analytical Technology and Underpinning Sciences 8 • EUFEPS Network: Environment and Pharmaceuticals 9 • EUFEPS Network: Pharmacogenetics and Pharmacogenomics 9 • EUFEPS Network: Safety Sciences 9 • Professor Julia Kirchner wins the Utrecht Award for Excellence in Pharmaceutical Research 10 • Modular Training Course: Quality Management in Pharma and Biotech 10 • Calendar 11 • 3rd BBBB-Bosphorus International Conference on Pharmaceutical Sciences 11



Participants

(196 registered) representing pharmaceutical industry, regulatory bodies, academia including pharmacy students, pharmaceutical societies and patients' associations were from 16 European countries (Austria, Belgium, Bosnia and Herzegovina, Croatia, Finland, Hungary, Macedonia, Ireland, Kosovo, Lithuania, Serbia, Slovenia, Sweden, The Netherlands, Turkey and United Kingdom).

The conference was officially opened by a welcome speech from Dr. Romana Katalinić, the head of the Medicines Department of the Ministry of Health and Social Welfare. During the Opening Ceremony, the >>>



Participant Vladimir Trkulja during the Opening Forum

audience was addressed by Professor Daan J. A. Crommelin, the EUFEPS president, and by Professor Milena Jadrijević-Mladar Takač, the president of the Section for pharmaceutical sciences of the Croatian pharmaceutical society (CPhS), as well as the chair and co-chair of the conference.

Sessions, Lectures, Open forums and Reflections

The conference consisted of three main sessions:

Challenges and opportunities in pharmaceutical sciences through EUFEPS The Innovative Medicines Initiative (IMI) – from idea to patients
The scientific needs in pharmaceutical regulation and safety sciences.

After each session, there were Open forum in which participants were able to actively contribute to the conference, thus facilitating mutual understanding of their needs and offering practical solutions.

In the first session, three eminent speakers from the EUFEPS Executive Committee, the President Professor Daan J. A. Crommelin, the immediate Past President Professor Christian Noe and the Executive Director Hans H. Lindén spoke about EUFEPS vision, mission, strategies, people and scientific interactivity. In his presentation, Professor Noe explained, in a philosophical manner, the connections between ‘networking’, ‘challenges’ and ‘opportunities’ in the field of pharmaceutical sciences, by pointing out the importance of scientists and their striving towards excellence.

Pia Vuorela, Christian Noe, Milena Jadrijević-Mladar Takač and Daan J. A. Crommelin

Three lectures were also presented in second session. The first was about the organisational structure of IMI, its funding and application processes. Ultimately, IMI aims to re-instate Europe as the world’s leader in medicines R&D. This lecture was given by EFPIA speaker, Dr. Jeff Kipling, from GSK R&D’s Science Environment Development Group, established to develop new ways of working with academia and publicly funded bodies. The second lecture, *Challenges and perspectives in pharmaceutical companies*, was from Professor Radan Spaventi, the CEO of GSK Research Centre Zagreb Ltd. This review addressed the current environment and implications for R&D activities in today’s pharma companies, as well as some approaches that should ensure sustainability and competitiveness in more connected and demanding world. One such approach was the subject of the third presentation, Daan J. A.

Crommelin, the Top Institute Pharma’s scientific director and EUFEPS President, described the TI Pharma Model – *Practical and successful experiences*. A public-private-partnership (PPP), the TI Pharma was founded in 2006 and is unique initiative to boost the scientific and economic success of the pharmaceutical sciences in the Netherlands. TI Pharma comprises partnerships of all Dutch universities, 17 globally operating pharmaceutical companies as well as 18 small and medium sized enterprises (SME), with 60 million Euros annual funding from the partners in a 1:1:2 ratio (industry: academia: government).

Trends in pharmaceutical regulations will affect all aspects of medicines R&D.

In the third session, under the title *The scientific needs in pharmaceutical regulation and safety sciences*, four lectures were delivered. The first was entitled *Registering a vaccine in the EU - from concept to assessment*, by Dr. Pieter Neels from Belgian Federal Agency for Medicinal and Health Products and a member of EMEA CHMP. In next lecture, Dr. Kevin O’Donnell from the Irish Medicines Board, pointed out the main issues in market surveillance. Then, Buket Aksu, from Santa Pharma in Istanbul & EGE University (Turkey) reminded the participants of the importance of medicine consumers, in a lecture entitled *Patients’ Safety*. Where Croatia stands in the overall context, the audience could recognise from the lecture by Dr. Siniša Tomić, about *Croatian experiences in pharmaceutical regulation approach towards EU and scientific needs in safety sciences*.

>>>



Christian Noe during the presentation

Open forums

The Trigger point I – *There are no borders for sciences nor for medicines market*, addressed by Milena Jadrijević-Mladar Takač, opened the first forum, in which an interactive discussion developed regarding relevant issues, such as:

- Benefits from networking through EUFEPS
- Are there borders in pharmaceutical sciences?
- What are obstacles of networking in pharmaceutical sciences?
- Are there borders in medicines market?
- Sciences knows no borders, but funders do
- No border where there are no data
- Needs for networking in pharmaceutical sciences
- Pharmaceutical sciences are core of any pharmacy education.

The Trigger point II – *If science does not underpin clinical practice, what does?* – guided by Professor Pia Vuorela, EUFEPS President-elect, opened the second forum, in which the following issues were discussed:

- Is there always an organic cause of all diseases?
- How much can we translate from omics to clinics?

The pharmaceutical industry is a highly regulated industry, where many of the activities and tasks are defined by regulations and guidelines issued by international regulatory authorities, which favours the science involved.



Reflections

The first reflection on the main theme was from European Association of Faculties of Pharmacy in the lecture entitled Pharmacy Education in Europe, presented by Professor Bart Rombaut, and second was in Professor Sabina Semiz's presentation regarding the potential of networking in pharmaceutical sciences in Bosnia and Herzegovina.

Pharmaceutical sciences are the backbone of any pharmacy education. It is obvious that EUFEPS should help pharmaceutical scientists in academia to address the current scientific needs in drug R&D. Also, EUFEPS should boost network development with other pharmaceutical

stakeholders at all levels and especially in developing European countries.

Conference Message

Europe will not be the world's leader in medicines R&D without involvement all members and all stakeholders in this process. Let us support and use this challenging opportunity.

*Milena Jadrijević-Mladar Takač
EUFEPS/CPhS Conference's Co-Chair
(Faculty of Pharmacy and Biochemistry,
University of Zagreb;
Croatian Pharmaceutical Society)*

EuPAT 4 - Taking PAT to the Next Level

May 5-6 • 2010 • Hotel Puijonsarvi • Kuopio • Finland

Invitation to Join

The topic of EuPAT4 – taking PAT to the Next Level – underlines the importance of comprehensive process understanding. In addition, EuPAT4 naturally continues to showcase novel PAT methods and their applications.

This is to invite you to start planning for it, the fourth pan-European Science Conference on Process Analytical Technology (PAT), building on the successes of the EuPAT1 in 2006, the EuPAT2 in 2007, and the EuPAT3 in 2008. It will be held on May 5-6, 2010, in Kuopio, Finland, and organised back-to-back to an Academy of Finland Graduate School Course on “Basics and process analytical aspects of biopharmaceutical manufacturing”, to be held on May 4, 2009, in Kuopio. The attendees of EuPAT4 are welcome to register to the graduate school course and vice versa.

Session Topics of EuPAT4

- PAT in solid dosage form processing
- Novel measurement technologies
- Modelling and simulation
- PAT in bioactive production and downstream processing

Confirmed Speakers of EuPAT4

Dr *Emil Ciurzak*, Cadrai Technology Group, New York, NY USA

Dr *Thomas De Beer*, Ghent University, Ghent, Belgium

Professor *Staffan Folestad*, AstraZeneca and Chalmers University of Technology, Mölndal and Göteborg, Sweden

Professor *Robert T. Forbes*, University of Bradford, United Kingdom

Dr *Göran Frenning*, Uppsala University, Uppsala, Sweden

Dr *Henning Gieseler*, University of Erlangen, Erlangen, Germany



Professor *Niklas Sandler*, University of Helsinki/Åbo Akademi University, Turku, Finland

Dr *J. Axel Zeitler*, Cambridge University, United Kingdom

Additional Information

For more information, see circulating announcements or updates on www.eufeps.org, or contact:

EUFEPS Meetings and Events
PO Box 1136, SE-11181 Stockholm
Sweden
Tel +46 8 7601050
Email conferences@eufeps.org