

**2nd
Announcement**

**Pharmaceutical
Sciences
World Congress**



**3rd World Congress
of the Board of Pharmaceutical Sciences
of FIP (PSWC 2007)**

**Optimising Drug Therapy:
An Imperative
for World Health**

**Congress venue and dates:
RAI Congress Centre,
Amsterdam, The Netherlands
from 22-25 April 2007**

www.fip.org/PSWC

Organising Committee

Chair:

Daan Crommelin (The Netherlands)

Secretary:

Vinod Shah (USA)

Program Co-Chairs:

Geoffrey Tucker (UK)

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Wolfgang Sadec (USA)

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Scientific Advisory Committee:

Leslie Benet (USA)

Douwe Breimer (The Netherlands)

Kamal Midha (Canada)

Tsuneji Nagai (Japan)

Malcolm Rowland (UK)

Yuichi Sugiyama (Japan)

Organisation and Exhibition:

International Pharmaceutical Federation

(FIP): Ton Hoek and Gretie R.v.d. Baumen (The Netherlands), in close co-operation with

EUFEPS: Hans Linden (Sweden)

Local Committee:

Meindert Danhof, Bert Leufkens, Ben Westerink (The Netherlands)

Co-Sponsoring Organisations

European Federation for Pharmaceutical Sciences (EUFEPS)

American Association of Pharmaceutical Scientists (AAPS)

Association de Pharmacie Galénique Industrielle (APGI)

Academy of Pharmaceutical Sciences of Great Britain (APSGB)

Academy of Pharmaceutical Science and Technology, Japan (APSTJ)

Australasian Pharmaceutical Science Association (APSA)

Controlled Release Society (CRS)

Pharmaceutical Society of Japan (PSJ)

Supporting Organisations

International Society for the Study of Xenobiotics

International Society for Pharmacoepidemiology

European Society of Clinical Pharmacy

Outline Congress Schedule

Sunday, 22 April, 2007

All day

Registration

Afternoon

Opening Ceremony

Distinguished Lectures

Scientific Awards

Welcome Reception

Evening

Monday, 23 until Wednesday, 25 April, 2007

All Day

Symposia

Exhibition and Posters

Round Table Sessions

Debates

Plenary Lectures

Provisional Programme

Opening Ceremony:

Thought leaders in the pharmaceutical sciences

Keynote Lectures:

GLOBAL MEDICAL NEEDS

1. What are the main challenges for world health?
2. Are we meeting the challenges of resistance to anti-infective drugs and of newly emerging infectious agents?
3. What are the frontiers in the development of cancer treatment?
4. Will an understanding of the molecular genetic basis of neurodegenerative disease lead to effective treatments?
5. Will novel approaches to the treatment of cardiovascular disease prove highly effective?
6. How to transform art into science in dosage form design?

Symposia:

A. FUTURE THERAPIES

1. Personalised Medicine

1. The era of personalised health care: Impact on drug discovery and development?
2. Pharmacogenetics at the bedside?
3. What is the value of medical informatics/data mining?
4. Drug-drug interactions: Avoid or understand?
5. How to manage drug therapy at the extremes of age?
6. Is the patient taking the tablets?

2. Novel Therapies

1. Is gene/protein delivery delivering?
2. What will the impact of cell-based therapy be?

3. Novel Formulations and Delivery Systems

1. How can nanotechnology and materials science solve drug delivery problems?
2. What is the future for smart drug delivery systems?
3. Drug targeting: how successful are we?

B. PHARMACEUTICAL SCIENCES: ENABLING RESEARCH AND TECHNOLOGY

1. Target Design/Medicinal Chemistry

1. Systems biology: A driver of drug discovery and development?
2. How will developments in new synthetic reactions and process chemistry sustain industrial development?
3. What is the state-of-the-science in receptor active site modelling?
4. Have genomics technologies improved the chance for successful drug development?
5. Molecular targeting in cancer: Chemotherapy?
6. Are non-selective drugs and multi-targeting the way forward in CNS drug design?

2. Pharmacokinetics/Pharmacodynamics

1. Can ADME and PK be predicted from In Silico/In Vitro data?
2. Simulation and modelling save time and money in clinical development?
3. What's new in methods of measuring drug response?
4. How does disease influence PK-PD?
5. How important is genetic and physiological variability in drug transporters?
6. Control of intracellular trafficking: Pharmacokinetic advantages?

3. Pharmaceutical Technology

1. How to engineer desired particle properties for drug delivery?
2. In silico product development from molecule to man - dream or reality?
3. Are pharmaceutical manufacturing technologies in stagnation?
4. Developing biotech products: What are the challenges and solutions?

4. Pharmaceutical Analysis/Quality Assurance/ Regulatory Affairs

1. What are the most effective analytical approaches for biomarker discovery and metabolomics?
2. Miniaturisation in analytical approaches: Small is beautiful?
3. What benefits does Process Analytical Technology (PAT) bring to process design and assurance of product quality?
4. Counterfeiting of medicines: Detection and prevention?

5. Clinical Pharmacology/Epidemiology

1. What have we learnt from recent safety failures for new drug development?
2. How effective is the globalisation/harmonisation of pharmacovigilance?
3. Nutraceuticals: Are new models for evaluating risk/benefit required?
4. Are we using the right outcome measures to ascertain patient benefit of drug therapy?
5. Off-label use of medicines: Abuse or a vehicle for innovation?

Debates / Round Table Sessions

1. Science or business as the driver of new drug development?
2. Life-style drugs: a new burden to the health system?
3. Can we afford new drug delivery technologies?
4. Vaccines: what will their contribution be to health care?
5. Does regulation help to 'innovate or stagnate' drug development?
6. Is there a consensus on guidelines for the evaluation of biogenics?
7. What are the added values of randomised clinical trials and observational studies in assessing drug effectiveness and safety?
8. When is a human bioequivalence study not needed?
9. How can the bioavailability of a poorly absorbed compound be enhanced?
10. How far can animal toxicology be replaced by in vitro testing?
11. Can microdosing accelerate drug development?
12. New excipients: Do we need them?

Poster Session and Exhibition

Participants are invited to submit contributions for poster presentations. A limited number of contributions will be selected as podium presentations in the symposia.

Each day approximately 500 Posters will be presented in the RAI Conference Centre.

Beautiful Amsterdam

Amsterdam is often referred to as one of the most colorful cities in the world. And rightly so! Where else do you find so many places of interest, famous museums, cozy pubs, fun shops and (flower) markets?

Amsterdam has many surprises in store for you!

Architecture and Design

Amsterdam is one of Europe's treasure troves for lovers of architecture and a city of international importance in terms of modern design. Enjoy these aspects of the city and take a peek at Amsterdam's architectural highlights.

The Grand Canals

Elegant mansions stand along Herengracht, Prinsengracht and Keizergracht. In the course of the centuries these houses have been made over to meet changing tastes. Take a canal tour and see some beautiful examples of 18th century architecture.

Rijksmuseum & Van Gogh Museum - The Masterpieces

Rembrandt, Vermeer, Jacob van Ruisdael, Jan Steen and Vincent van Gogh.

Top works of art by these world-famous artists have been brought together in one spectacular collection with naturally 'The Night Watch' as one of the highlights.

Pre-satellite Sessions

Pre-satellite symposium for and by Ph.D. students and postdoctoral fellows

Dates: **20 and 21 April, 2007**

Chair Organising Committee:

Stefaan De Smedt (Belgium)

Information Pre-satellite Symposium:
stefaan.desmedt@ugent.be



Hotels

Through RAI Hotel & Travel Service of Amsterdam, rooms in 5, 4, and 3 star Hotel categories have been blocked. A number of these hotels offer triple room occupation.

Further information can be obtained from RAI Hotel & Travel Service.

E-mail: m.vd.weegen@rai.nl

For further information on all other matters:

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