

# AAPS Connection

American Association of Pharmaceutical Scientists

November 2009

## 45th Annual Pharmaceutical Technologies Arden Conference: Formulation Strategies for Poorly Soluble Drugs

February 2–5, 2010  
The Thayer Hotel  
West Point, NY

### Goals and Objectives

The solubility behavior of drugs remains one of the most challenging aspects in formulation development. This program will provide a fundamental understanding and the latest updates on solubility enhancement technologies.

Day one of the program will focus on drug solubility in terms of BCS, alteration and prediction. Day two of the program is designed to provide in-depth review on liquid formulations. Day three of the program will focus on solid formulations. Day four of the program will cover enabling technologies for solubility enhancement, such as supercritical fluid processing, spray drying and hot melt extrusion freeze drying. The final day will be devoted to QbD from both industrial and regulatory perspectives. Case studies and workshops will also be provided every day to engage participation from the attendees.

The topics will be covered by experts in the field followed by in-depth panel discussions and case studies in which participants are eager to participate. Attendees are encouraged to bring examples of current problems from their laboratories to share past successes and failures with other participants.

For more information, please visit [www.aapspharmaceutica.com/ardenconference](http://www.aapspharmaceutica.com/ardenconference).



## Improving Global Health Through Advances in Pharmaceutical Sciences

Every three to four years, the International Pharmaceutical Federation (FIP) organizes a Pharmaceutical Sciences World Congress (PSWC). The PSWC series alternates among the American, Asian, and European continents. In 2010 the PSWC is scheduled to be held on the North American continent.



Each year, the American Association of Pharmaceutical Scientists (AAPS) organizes the AAPS Annual Meeting and Exposition.

In 2010 FIP and AAPS have agreed to hold the PSWC and the Annual Meeting together in New Orleans, Louisiana, USA from November 14–18, 2010. FIP and AAPS also agree that the objective of this joint meeting should be for the education and benefit of the members of each organization and the constituencies that they represent. The programming, exposition, and other events will be planned to provide maximum educational opportunities.

### The joint meeting will include the following:

- ▶ A forum for exchange of ideas and information about the sciences which the organizations represent.
- ▶ Continuing professional development of the individual members and related professionals.
- ▶ An introduction of the latest technological advances.

The scientific theme is Improving Global Health Through Advances in Pharmaceutical Sciences.

PSWC 2010 Committee Structure—The Scientific Programming Committee is geographically balanced with members from the Americas, Asia, and Europe.

Mario L. Rocci Jr., Ph.D. (USA) Congress Chair  
Ho-Leung Fung, Ph.D. (USA) Scientific Program Chair

Mitsuru Hashida, Ph.D. (Japan) Asia Scientific Program Committee Chair

Geoffrey T. Tucker, Ph.D. (UK) Europe Scientific Program Committee Chair

Robert G. Bell, Ph.D. (USA) Americas Scientific Program Committee Chair

For more information, please visit [www.pswc2010.org](http://www.pswc2010.org).

## AAPS Membership Offers Numerous Benefits

AAPS can help you stay informed and connected, as you move your career forward and save money.

### Stay Informed

- ▶ Sections
- ▶ Focus Groups
- ▶ Discussion Groups
- ▶ Student Center
- ▶ AAPS Meetings, Workshops, and Short Courses
- ▶ AAPS Press and Publications
- ▶ Portfolio of Scientific Journals
- ▶ AAPS Newsmagazine
- ▶ Key Links

### Networking Opportunities

- ▶ AAPS Meetings and Workshops
- ▶ AAPS Member Directory
- ▶ Mentoring Program

### Career Advancement

- ▶ Awards Programs/Peer Recognition
- ▶ Scholarships/Grants/Travelships
- ▶ AAPS Career Center
- ▶ AAPS Online Job Listings

### Money-Saving Opportunities

- ▶ Registration discounts at AAPS Scientific Workshops, Short Courses, and Meetings
- ▶ Enjoy special savings on journal subscriptions and AAPS Press Publications
- ▶ AAPS Job Listings
- ▶ Twenty-five percent off all Springer book purchases

Join AAPS online at [www.aapspharmaceutica.com/tojoin](http://www.aapspharmaceutica.com/tojoin).

## AAPS Sections

### AAPS has nine Sections available for AAPS Members:

- ▶ Analysis and Pharmaceutical Quality Section—provides a forum for the exchange of information pertaining to analytical techniques, regulatory and compendial issues, and assurance of quality.
- ▶ Biotechnology Section—enables individuals from multiple scientific disciplines to address issues, share information

and experimental findings, and provide education for research, development, and commercialization of new biopharmaceuticals.

- ▶ Clinical Pharmacology and Translational Research Section—provides the clinical research dimension within the comprehensive range of pharmaceutical sciences and is concerned with issues related to the clinical use of pharmaceuticals.
- ▶ Drug Design and Discovery Section—encourages the generation of knowledge concerning the chemistry, biochemistry, and pharmacological actions of synthetic and naturally occurring medicinal agents.
- ▶ Formulation Design and Development Section—unites multiple scientific disciplines in order to share experimental results, consider new formulation and dosage form technologies, and discuss issues and concerns regarding the design and development of formulations/drug products for small molecules.
- ▶ Manufacturing Science and Engineering Section—composed of scientists and engineers interested and involved in the application and advancement of science and technology to the manufacture of pharmaceutical and pharmaceutically related products.
- ▶ Pharmacokinetics, Pharmacodynamics, and Drug Metabolism Section—provides a forum to examine issues related to the biopharmaceutics, pharmacokinetics, pharmacodynamics, drug metabolism and transport of pharmaceutical products and therapies.
- ▶ Physical Pharmacy and Biopharmaceutics Section—focuses on a quantitative understanding of the intrinsic properties of the small drug molecule and the interacting biological system, enabling the selection of developable drug candidates and the identification of potential strategies for optimal drug delivery.
- ▶ Regulatory Sciences Section—analyzes information on product performance, addresses issues regarding drug law and resultant regulations, and promotes science-based regulations to help drug regulatory agencies protect public health and safety.

For more information, please visit [www.aapspharmaceutica.com/inside/Sections](http://www.aapspharmaceutica.com/inside/Sections).

### Upcoming AAPS Meetings

Log onto [www.aapspharmaceutica.com/meetings](http://www.aapspharmaceutica.com/meetings) for details.

#### ▶ February 2-5, 2010

45th Annual Pharmaceutical Technologies Arden Conference: Formulation Strategies for Poorly Soluble Drugs  
The Thayer Hotel, West Point, NY

#### ▶ May 16-19, 2010

2010 AAPS National Biotechnology Conference  
Hilton San Francisco, San Francisco, CA

#### ▶ November 14-18, 2010

FIP Pharmaceutical Sciences World Congress 2010 in association with the AAPS Annual Meeting and Exposition  
New Orleans, Louisiana, USA

