

AAPS Connection

American Association of Pharmaceutical Scientists

October 2009

The 2009 AAPS Annual Meeting and Exposition Online Preliminary Program is available!

November 8–12, 2009
Los Angeles Convention Center
Los Angeles, CA

Scientists around the world anticipate the AAPS Annual Meeting as the event that showcases late-breaking research, validates scientific methodology, and reveals the latest technology, services, and supplies for their research needs. Speakers include scientists from the U.S. Food and Drug Administration, National Institute of Health, leading pharmaceutical companies, and academia. Expert speakers will address topics such as

- ▶ excipients
- ▶ global regulatory changes
- ▶ model-based drug development
- ▶ drug product safety
- ▶ stability
- ▶ unstable metabolites
- ▶ nanotechnology, and more...

The scientific program will include concentrated short courses, symposia, roundtables, sunrise sessions and over 2,000 contributed papers covering the very latest research in the pharmaceutical sciences.

Go to www.aapspharmaceutica.com/annualmeeting now and explore the online preliminary program. See you in Los Angeles!



AAPS Workshop on Pharmacokinetic/Pharmacodynamic Modeling in Drug Discovery and Translational Research: A Building Block for Quantitative Model-Based Drug Development

November 7, 2009
Los Angeles Convention Center
Los Angeles, CA

The area of Preclinical Pharmacokinetic/Pharmacodynamic (PK/PD) Modeling and Simulation is an integral part of quantitative model-based drug development (QMBDD) as it applies to drug discovery, and it encompasses a multitude of quantitative approaches to integrate preclinical pharmacology, bio-marker response, and safety data toward the selection of the most promising drug targets and the development of the most optimal drug candidates. This rapidly evolving area has been recognized as critical for pharmaceutical companies to reduce high rates of failures in advancing compounds from the bench to the bedside.

For more information, please visit
www.aapspharmaceutica.com/QMBDD.

AAPS Workshop on Special Dosage Forms—Whats New with *In Vitro* Drug Release?

November 7–8, 2009
Los Angeles Convention Center
Los Angeles, CA

Dissolution testing is a very important tool in drug development and quality control. Application of dissolution testing has widened to a variety of novel or special dosage forms and is referred to as “drug release” test. The test is used for the biopharmaceutical characterization of the drug product, and as a tool to assure consistent product (batch) quality within a defined set of specification criteria. Ideally, the drug release method should correlate with the *in vivo* performance of the product. However, because of the complexity of the novel dosage form and simplicity of *in vitro* release methodology, it may not be

possible to achieve this. Nevertheless, the *in vitro* release methodology should serve to test the key performance of the formulation.

This workshop will present drug release methodologies to evaluate the product performance for special dosage forms, such as, buccal, topical, ophthalmic, inhalation, stent, and nanoparticle formulations. It will provide opportunities for the participants to interact with the faculty in panel discussions.

For more information, please visit
www.aapspharmaceutica.com/SpecialDosageForms.

CRS/AAPS Workshop on Development and Regulatory Challenges for Controlled Release Formulations

November 7–8, 2009
Los Angeles Convention Center
Los Angeles, CA

Goals

For 2009, the workshop will include a combination of FDA and European regulatory perspectives on developing controlled release formulations. There will be speakers participating in open discussions on newly emerging technologies to help individuals understand the challenges in developing the technology of controlled release formulations as well as the regulatory hurdles that these technologies may face. There will also be speakers who are well-known experts talking about mature technologies and the associated developmental and regulatory challenges that were encountered along the road to success. Case studies will be used to demonstrate the speakers' points and engage the attendees.

For more information, please visit
www.aapspharmaceutica.com/CRS.

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 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.

Upcoming AAPS Meetings

Log onto www.aapspharmaceutica.com/meetings for details.

► November 7, 2009

AAPS Workshop on Pharmacokinetic/
Pharmacodynamic Modeling in Drug Discovery and
Translational Research: A Building Block for
Quantitative Model-Based Drug Development
Los Angeles Convention Center, Los Angeles, CA

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► 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

