

AAPS Update

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September 2007

AAPS Workshop on Enzyme and Transporter-Based Drug Interactions: Progress and Future Challenges

Co-Sponsored with ISSX

November 10, 2007
San Diego Convention Center
San Diego, CA



This one-day workshop will take place on November 10, 2007 before the annual meeting at the San Diego Convention Center. The driving force behind this workshop is the recognition that transporters and enzymes are dynamically interacting to affect levels of drugs and metabolite in the body. Hence, viewing each topic (enzymes or transporter and their regulation) separately is no longer tenable. There is also an impetus at the FDA to closely scrutinize transporter and enzyme- drug interactions. An understanding of the mechanism of interaction and the regulation by nuclear receptor is a pre-requisite for the formulation of predictive solutions.

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

AAPS Workshop on Stress Testing and Degradation Chemistry

November 10, 2007
San Diego Convention Center
San Diego, CA

Stress testing is the main tool that is used to predict problems, develop methods, and identify degradation products/pathways. Since there are no detailed regulatory guidelines that direct how stress testing is performed, stress testing has evolved into an artful science that is highly variable based on the company and/or scientist performing the studies. This course will provide a benchmark of current best practices of experienced pharmaceutical and academic scientists. Questions like "How hot, how long, what conditions are appropriate?" and topics such as mass balance, photostability, oxidative susceptibility, regulatory filing data package guidance, the chemistry of drug degradation and case studies will be addressed.

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

AAPS Workshop on Quantitative Pharmacology: A Roadmap for Rational, Model-based Drug Development

November 10, 2007
San Diego Convention Center
San Diego, CA

Quantitative Pharmacology constitutes a multi-disciplinary approach that integrates the relationships between disease, drug characteristics, and individual variability (getting the right drug to the right patient at the right dose and time). At its core, quantitative pharmacology uses model-based drug development to provide a quantitative, data-driven framework that enables rational decision making in preclinical and clinical drug development. Quantitative pharmacology can be viewed as a cornerstone of the critical path initiative promoted by the U.S. Food and Drug Administration.

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

2007 AAPS Annual Meeting and Exposition

November 11–15, 2007
San Diego Convention Center
San Diego, CA

As you know, the AAPS Annual Meeting and Exposition is the premier educational event in the pharmaceutical sciences that represents multiple disciplines from the global community.

AAPS offers you the diverse programming you demand, while maintaining the high quality and depth you have come to expect. Block out your calendars now for November 11–15, 2007 so you don't miss a single day of the AAPS Annual Meeting and Exposition.

For more information visit:
www.aapspharmaceutica.com/annualmeeting

New From AAPS Press!

**Solvent Systems and Their Selection in
Pharmaceutics and Biopharmaceutics**
NOW AVAILABLE!



Edited by:

Patrick Augustijns

Catholic University of Leuven, Belgium

Marcus Brewster

Janssen Pharmaceutica N.V. Beerse, Belgium

Solvent systems are integral to drug development and pharmaceutical technology. This single topic encompasses numerous allied subjects running the gamut from recrystallization solvents to biorelevant media. The goal of this contribution to the AAPS Biotechnology: Pharmaceutical Aspects series is to generate both a practical handbook as well as a reference allowing the reader to make effective decisions concerning the use of solvents and solvent systems. To this end, the monograph was created by inviting recognized experts from a number of fields to author relevant sections. Specifically, 15 chapters have been designed covering the theoretical background of solubility, the effect of ionic equilibria and pH on solubilization, the use of solvent to effect drug substance crystallization and polymorph selection, the use of solvent systems in high throughput screening and early discovery, solvent use in preformulation, the use of solvents in biorelevant dissolution and permeation experiments, solvents and their use as toxicology vehicles, solubilizing media and excipients in oral and parenteral formulation development, specialized vehicles for protein formulation and solvent systems for topical and pulmonary drug administration. The chapters are organized such that useful decision trees are included together with the scientific underpinning for their application. In addition, trends in the use of solvent systems and a balance of current views make this monograph useful to both the novice and experienced researcher and to scientists at all developmental stages from early discovery to late pharmaceutical operations.

Suggested List Price: \$189.00

AAPS Member Price: \$141.75

For further details, contact orders-ny@springer.com

AAPS MemberNet

The ability to “network” professionally is one of the primary benefits of AAPS Membership. In order to enhance AAPS Members’ ability to network, AAPS is pleased to offer the AAPS MemberNet, a virtual networking environment that in many ways replicates the face-to-face networking at meetings while providing a rich set of online tools that are available around the clock!



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www.aapspharmaceutica.com/MemberNet

AAPS MemberNet

Connect with other members with like interests, similar jobs and fields. Connect with members who attend the same AAPS events, through AAPS MemberNet.

www.aapspharmaceutica.com/MemberNet



Upcoming AAPS Meetings

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

► **November 9-10, 2007**

CRS Workshop on Development and Regulatory Challenges for Controlled Release Formulations

Co-Sponsored with AAPS

San Diego Convention Center, San Diego, CA

► **November 10, 2007**

AAPS Workshop Enzyme and Transporter-based Drug Interactions: Progress and Future Challenges

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San Diego Convention Center, San Diego, CA

► **November 10, 2007**

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AAPS Workshop on Quantitative Pharmacology: A Roadmap for Rational, Model-based Drug Development

San Diego Convention Center, San Diego, CA

► **November 11-15, 2007**

2007 AAPS Annual Meeting and Exposition

San Diego Convention Center, San Diego, CA

► **Early Spring 2008**

Current Topics in GLP Bioanalysis: Assay Reproducibility for Incurred Samples—Implications of Crystal City Recommendations
Washington, DC metro area

