

AAPS Connection

American Association of Pharmaceutical Scientists

April 2012

2012 AAPS National Biotechnology Conference

May 21–23, 2012
Sheraton San Diego Hotel and Marina, San Diego

Overview

Come join us for the 2012 AAPS National Biotechnology Conference! The scientific programming will feature 19 symposia, 17 roundtables and mini-symposia, 8 sunrise sessions, 3 short courses, 2 workshops and a brand new Advanced Immunogenicity training course. All sessions are planned around the following themes: Antibody Drug Conjugates, Bioanalysis, Biosimilar/Biobetters, Biotherapeutics Drug Development, Biotherapeutics Drug Discovery, Biotherapeutics Pharmaceutical Sciences, Drug Delivery (Noninvasive and Minimally Non-invasive), Innovative Drug Delivery, Translational Research, and Vaccines. Sessions will also cover diverse topics, such as Diversity and Complexity of Vaccine Manufacturing, Scale Up and Tech Transfer Strategies, Applications of Multiscale Systems Pharmacology, and Advancements in Novel Small Protein Therapeutic Modalities.

For information visit
www.aaps.org/nationalbiotech

AAPS Biotechnology 101

Fundamentals of Biotherapeutics Development eLearning Series

AAPS is pleased to announce the release of a brand new online training course, AAPS Biotechnology 101. This comprehensive, multi-module course was developed for those

interested in learning more about the field of biologic development and to fill training gaps. This series offers

- lectures by leading experts from industry and academia,
- convenient self-paced learning,
- coverage of the current state of biotherapeutics, and
- practical perspectives from practicing scientists.

This brand new training course was developed for

- professionals seeking to expand their knowledge to include biopharmaceuticals.
- college students and faculty members seeking to augment their training in biotechnology.

For more information visit
www.aaps.org/BT101

AAPS Workshop on Formulation Strategies for Nonparenteral Drug Delivery of Biotherapeutics

May 19–20, 2012
Sheraton San Diego Hotel and Marina, San Diego

Goals and Objectives

Unfavorable physiochemical and pharmacokinetic properties of therapeutic peptides, proteins, and nucleic acids represent unique challenges for the development of safe and efficacious medications intended for human use. Inherent instability, combined with the macromolecular nature of this class of biotherapeutics, most often translates into preparation of lyophilized parenteral formulations. Since parenteral administration bypasses important protective barriers of the body, manufacturers have to comply with the highest FDA standards associated with parenteral drug delivery systems. This limits the use of formulation excipients and

significantly increases the cost of goods. Furthermore, patients do not prefer parenteral dosage forms, as they are invasive and less suitable for self-administration. Over the past decade, novel scientific concepts have been explored to develop nonparenteral formulations for biotherapeutics that produce acceptable therapeutic efficacy. The primary objective of the workshop is to highlight promising approaches that have emerged from these efforts (e.g., oral, nasal, and pulmonary delivery systems) and successfully entered clinical development.

For more information visit

www.aaps.org/Formulation

AAPS Workshop on Clinical Pharmacology and ADME Biotherapeutic Proteins

May 19–20, 2012

Sheraton San Diego Hotel and Marina, San Diego

Summary/Description

This workshop will provide an overview of the current best practices in Clinical Pharmacology of Biotherapeutic Proteins by experts from industry, academia, and regulatory agencies, who will discuss relevant challenges in this area. The emphasis will be on monoclonal antibodies and antibody-drug conjugates, and the workshop will cover topics such as FIH study design, QT assessment, pharmacokinetic characterization, bioanalytical assays, therapeutic protein-drug interactions, QT risk assessment, and immunogenicity testing. Additionally, traditional clinical pharmacology aspects, including special populations (paediatrics, hepatic and renal impairment) and ADME characterization, will be reviewed, along with regulatory expectations in this area.

For more information visit

www.aaps.org/ClinPharm

2012 AAPS Annual Meeting and Exposition Awards Program

The AAPS awards program provides a wonderful opportunity for scientists and graduate students to be recognized

and honored for their valuable contributions to the pharmaceutical sciences. Nominate your colleagues for one of the prestigious awards to be presented by AAPS at the 2012 Annual Meeting and Exposition, October 14–18, 2012, in Chicago, IL.

For more information on awards and travelships being offered at the 2012 Annual Meeting and Exposition, please visit www.aaps.org/Awards-and-fellows or contact Me'Gesha Portlock at portlockm@aaps.org.

2012 AAPS Career Fair

AAPS will host our upcoming Career Fair in conjunction with the 2012 AAPS Annual Meeting and Exposition at McCormick Place in Chicago. Whether you're new to the industry or a seasoned professional, this is one event you won't want to miss! The AAPS Career Fair is a full service career fair for pharmaceutical science and biotechnology professionals, as well as manufacturers and suppliers interested in reaching life sciences professionals. The AAPS Career Fair provides the perfect backdrop for professionals looking to discover potential career opportunities, make industry contacts, sharpen networking skills, and see the latest technology all in one place. Job seekers may also benefit from resume/CV review and interview coaching (by appointment only) and may attend workshops presented by career consultants as an additional professional development resource! In 2011, nearly two dozen top pharmaceutical companies, government agencies, and related industry organizations participated in the AAPS Career Fair.

Location

McCormick Place
2301 S. Lake Shore Drive
Chicago, IL 60616

Hours of Operation

- Monday, October 15, noon–5:30 pm
- Tuesday, October 16, 9:30 am–6:15 pm
- Wednesday, October 17, 9:30 am–4:30 pm

For more information visit

www.aaps.org/annualmeeting

Increase your visibility

Advertise in the AAPS Final Programs and deliver your message to top pharmaceutical scientists.

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Upcoming AAPS Meetings

Log onto www.aaps.org/meetingsfor details.

- **May 19-20, 2012**

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Immunogenicity Training Course II—Advanced Topics in Evaluation of the Immunogenicity of Biotherapeutics
Sheraton San Diego Hotel and Marina, San Diego

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- **October 13-14, 2012**

2012 AAPS Workshop on Predicting and Monitoring Impurities in API and Drug Products: Analytical and Regulatory Issues
McCormick Place, Chicago

- **October 13-14, 2012**

2012 AAPS Workshop on Patient Centric Drug Delivery, Product Design and Development: Meeting Requirements in Future Healthcare
McCormick Place, Chicago

- **October 13-14, 2012**

2012 AAPS Workshop on 21st Century Oral Bioperformance Prediction and Testing
McCormick Place, Chicago

- **October 14-18, 2012**

2012 AAPS Annual Meeting and Exposition
McCormick Place, Chicago

