

AAPS Connection

American Association of Pharmaceutical Scientists

January 2014

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AAPS Webinars—An Exclusive Member Benefit

Webinars offer a great opportunity to receive the latest information on pharmaceutical science topics without the need for travel or time away from home and office. Plan to participate in our upcoming live events, replay a past session in our archives, or submit a proposal for organizing your own webinar.

All AAPS live webinars and archived replays will be available exclusively to regular members. eSubscribers may view only the archived version after a 30-day delay. In addition, there will no longer be an option for telephone dial-in; webinar audio will be computer-based (voiceover-internet), requiring the use of headphones or amplified speakers.



AAPS members have full access to all AAPS upcoming and past webinars. Join AAPS today!

January 9, 2014

Landing Your First Job in Industry—Part 1 of a Professional Development Webinar Series (Part 2 coming Feb. 20, 2014)

January 16, 2014

Optimization of Dose Finding in Phase 2b Dose-Ranging Trials: Considerations for Model-Based Design and Analysis

January 23, 2014

Lipid Liquid Crystals for Parenteral Sustained Release Applications

For more information visit www.aaps.org/webinars.

49th AAPS Arden Conference: Development of Pediatric Formulations: Challenges and Opportunities

February 24–26, 2014
USP Meetings Center
Rockville, MD

**AAPS Regular Member SAVINGS**

AAPS members save, \$425.00 at early registration.

The need for pediatric pharmaceutical formulations has been growing rapidly in recent years as a result of the recognition that children are often underserved by *ad-hoc* compounding of adult formulations and increased regulatory incentives. Pediatric drug products can be challenging to develop due to their unique requirements and limitations.

Examples of these challenges include:

- Effects of growth and development on drug ADME,
- Poorly soluble drugs with incomplete absorption,
- Safety concerns of commonly used excipients in pediatric patients,
- Taste evaluation and masking,
- Age appropriate dosage forms and flexible dosing, and
- Combination drug products for pediatric patients.

In order to address the increasing need of developing innovative age-appropriate pediatric products, also driven by regulatory requirements, the pharmaceutical industry is committed to meeting pediatric patients' needs.

Goals and Objectives

- Present current state-of-art technologies suitable for pediatric drug products.
- Review technical issues, including flexibility of dose titration, ease of administration and swallowing, palatability, solution stability, microbial challenges, dosing and measuring devices, considerations of a multi-phase and/or multi-use product, and packaging.
- Discuss practical development strategies to facilitate the selection of pediatric dosage forms for clinical trials and commercial manufacturing.

- Discuss special considerations and issues unique to pediatric products from the regulatory agency perspective (US FDA and the EMEA).
- Initiate a flow diagram/guideline for pediatric formulations development.

For more information visit www.aaps.org/Arden.

BOOKS: AAPS Advances in the Pharmaceutical Sciences Series

**Editors-in-Chief: Daan J. A. Crommelin and
Robert A. Lipper** **aapspress**

The AAPS Advances in the Pharmaceutical Sciences Series, published in partnership with Springer, is designed to deliver well-written volumes authored by scientific leaders and authorities from around the globe, addressing innovations in drug research and development and best practice for scientists and industry professionals in the pharmaceutical and biotechnology industries.



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2014 AAPS National Biotechnology Conference

May 19–21, 2014
Sheraton San Diego Hotel and Marina
San Diego, CA

Cosponsored by

**AAPS Regular Member SAVINGS**

AAPS members save, \$335.00 at early registration.
Advance registration expires April 4, 2014.

The 2014 AAPS National Biotechnology Conference presentations and discussions should be of interest to scientists who are devoted to advancing health through innovations in biotherapeutics.

One conference, four conference workstreams

- Biomanufacturing
- Biomarkers and PK/PD
- Research and Discovery
- Immunogenicity and Administration Routes

For more information visit www.aaps.org/nationalbiotec.

Be Recognized by Your Peers at the AAPS National Biotechnology Conference

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. Please view the 2014 awards and travelships

offered at our National Biotechnology Conference and nominate your colleagues today. Award nomination material can be found at www.aaps.org/NBCAwards.



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