

AAPS Connection

American Association of Pharmaceutical Scientists

February 2014

Accelerating Science to Impact Health—The AAPS Foundation

During the last quarter century, the American Association of Pharmaceutical Scientists (AAPS) established a premier information network for pharmaceutical scientists around the world. Not only do programs at AAPS cater to specific professional development needs, but they help advance the contributions of the pharmaceutical sciences to global health. Now the AAPS Foundation, the new philanthropic arm of AAPS, has an even greater impact, a dimension beyond the programs that AAPS has nurtured and supported for over 25 years. The AAPS Foundation, through your generous support, will be able to enhance the opportunities for current and future generations of pharmaceutical scientists to conduct research, provide education, and leverage training. Your support of the Foundation will enable pharmaceutical scientists to go above and beyond current accomplishments, staying ahead of the curve in the rapid and constant advancement of medical and pharmaceutical sciences.



AAPS Foundation Mission

The AAPS Foundation is dedicated to the support of scientists and initiatives that advance the discovery, development, and manufacture of drugs by attracting and providing resources used to advance research, education, and training.

AAPS Foundation Vision

The AAPS Foundation seeks to empower pharmaceutical scientists and to expand and engage the interests of a future generation of scientists in a manner that positively impacts the pharmaceutical sciences and creates solutions addressing vital needs found in the treatment of disease and the maintenance of health.

AAPS Foundation Future

The AAPS Foundation provides new mechanisms to support and impact the success of pharmaceutical scientists. Specifically, your gift to the AAPS Foundation will provide vital funding initially for three strategic priorities, including support on multiple levels of pharmaceutical research, education, and training. With your help, we can ensure success for the future of pharmaceutical scientists worldwide with new programs that fill critical needs in these areas:

- Grants and Fellowships
- Education
- Leadership Institute

Now Up to You

We encourage you to join us and contribute to the AAPS Foundation. AAPS is committed to the principle that 100% of your tax-deductible contribution will go toward the Foundation's programs. The operating expenses of the AAPS Foundation will be a standard part of AAPS's administrative budget.

It is important now more than ever that pharmaceutical scientists develop skills that will meet the world's evolving health challenges. These needs and personal development gaps cannot be addressed without dynamic and up-to-date initiatives. And the reality is that these initiatives, while making a positive impact, will require generous contributions from AAPS's members and friends. Your support of the AAPS Foundation can help ensure that current and future pharmaceutical scientists are fully prepared to meet the challenges found in the discovery and development of today's modern medicines.

Help shape and ensure the future of the pharmaceutical sciences by supporting a tradition of developing science, impacting global health, and growing future scientists. Contribute to the AAPS Foundation today!

www.aaps.org/foundation

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.

February 6, 2014

The Role and Implications of QbD in Topics/Transdermal Drug Development Process

February 13, 2014

Integrating System Biology Models of Cellular Response into Simple Pharmacokinetic Compartment Models to Predict the F(ab)-mediated Effect of Monoclonal Antibodies In Vivo

February 20, 2014

How to Balance Work and Life—Part 2 of a Professional Development Webinar Series

February 27, 2014

Impact of Excipients on Oral Drug Bioavailability

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. Early registration expires January 17, 2014.

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 to develop 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.

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. Early 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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