

AAPS Update

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June 2004

AAPS Frontiers in Science: Drug Addiction—Translating Basic Science into Therapies

September 9 - 11, 2004
National Institutes of Health Campus
Bethesda, MD
Co-Sponsored by: NIH



Drug addiction is a major societal problem today, with staggering costs incurred by the individual and society as a whole. Progress at the basic science level has been impressive, but treatment of addiction remains a daunting challenge. On the other hand, insights into neurobiological mechanisms underlying addiction have spurred novel treatments of related disorders, such as neurodegeneration and pain. This conference will focus on the translation of fundamental addiction research to a variety of treatments, bringing together scientists in molecular biology, genetics, and neurosciences with researchers in pharmacogenetics, pharmaceutical chemistry, drug targeting and development, and quantitative therapeutics. Participation by scientists from industry will serve to highlight new therapies currently under commercial development. For more information, please go to www.aapspharmaceutica.com/frontiers.

Coming this Fall! AAPS Workshop on Lead Optimization

Drug discovery and development is an increasingly difficult and expensive undertaking. One difficulty is that drug candidates have a high rate of failure during discovery and development. One reason for this failure is the lack of drug-like properties of candidate compounds. In development, inadequate properties result in insufficient bioavailability and pharmacokinetics performance, and in discovery they result in inadequate and/or improper evaluation of the biological activity. As a consequence, potentially useful drug candidates may be discarded prematurely or too much time may be spent on biological activity of drug candidates that are not likely to result in efficacious therapeutic agents. This workshop will contribute to the field by focusing on procedures for prediction, measurement, and application of compound properties to actively optimize lead candidate performance. For more information, please go to www.aapspharmaceutica.com/meetings.

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To learn more about this groundbreaking book program, contact the AAPS Director of Publications, Victor Van Beuren at 703-248-4760 or VanBeurenV@aaps.org.

Have an Idea for a Meeting?

To submit a proposal for a workshop or themed meeting, use the submission form at www.aapspharmaceutica.com/meetings/meeting_proposal.asp.

New Titles from AAPS Press!

This two-volume set from AAPS Press, edited by Peter Bonate and Danny Howard, was developed to be the most complete guide to pharmacokinetics and its role in drug development.



Volume 1, *Pharmacokinetics in Drug Development: Clinical Study Design and Analysis*, discusses the role pharmacokinetics plays in selected clinical study designs. Included are first-time-in-man studies, biopharmaceutical and special population studies. The chapters are written to provide the reader with a familiarity for scientific and operational considerations, and to provide insight into the authors' practical experiences conducting these studies. Volume 1 also discusses the application of pharmacokinetic analyses techniques to drug development - from noncompartmental analysis and interspecies scaling to deconvolution and clinical trial simulation. Volume 1 closes with a discussion on the analysis of clinical safety data in pharmacokinetic studies.

Volume 2, *Pharmacokinetics in Drug Development: Regulatory and Development Paradigms*, the authors' attentions turn toward key regulatory and development paradigms where pharmacokinetics supplements decision-making during drug development. Pharmacokinetics' association with toxicologic assessments, bioanalysis targets and objectives and application in preclinical programs are discussed. General discussions for rational development and knowledge discovery schemes are presented. Specific areas of recent regulatory interest are reviewed for exposure-response relationships, and detailed overviews of regulatory considerations and review are presented

for pharmacokinetics studies and clinical trial simulations. Also included in Volume 2 are reviews of topics of special development consideration for pharmacokinetics—oncology, controlled release, transdermal, ocular, parenteral, chiral, and biologic products.

As you can see, this new, extensive set would be an important addition to your reference library. And the two-volume set is now being offered at a pre-publication price of \$228; that's 10% off the AAPS member price. You'll want to order your copies now to assure immediate delivery upon publication. Call, 703-243-2800 to place your order, or order online at www.aapspharmaceutica.com.

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Upcoming AAPS Meetings

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► June 7-9, 2004

AAPS Pharmaceutics and Drug Delivery Conference
Wyndham Philadelphia at Franklin Plaza, Philadelphia, PA

► September 9-11, 2004

AAPS Frontiers in Science—Drug Addiction:
Translating Basic Science Into Therapies
Co-Sponsored with NIH
National Institute of Health Campus, Bethesda, MD

► November 7-11, 2004

2004 AAPS Annual Meeting and Exposition
Baltimore Convention Center, Baltimore, MD

