AAPS Update

AAPS—YOUR FORMULA FOR SUCCESS!

September 2004

New Titles from AAPS Press!

Pharmaceutical Profiling in Drug Discovery for Lead Selection



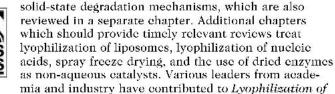
Volume 1 of the AAPS Press series, Biotechnology: Pharmaceutical Aspects. Based on a 2003 AAPS workshop of the same name, Pharmaceutical Profiling in Drug Discovery for Lead Selection emphasizes the importance of accuracy in the prediction, measurement, and application of physicochemical and ADME properties, not only to guarantee successful lead selection in "hit-to-lead" research but also to avoid the common pitfalls that arise when property information is lacking. Its contributors include highly experienced leaders from both industry and academia, with specialization in advanced methods for in silico, physicochemical, permeability, in vitro, and ADME, as well as in medicinal chemistry applications on pharmaceutical property information. This book is the first volume of the Biotechnology: Pharmaceutical Aspects series.

Suggested List Price: \$185 AAPS Member Price: \$148

Lyophilization of Biopharmaceuticals

Author(s): Henry R. Costantino, Nastech Pharmaceutical Company, Inc. Michael J. Pikal, University of Connecticut

Volume 2 of the AAPS Press series, *Biotechnology: Pharmaceutical Aspects*. This edition covers the important topic of freeze drying of biopharmaceuticals. The book starts by discussing lyophilization equipment and validation. Next, stresses involved in lyophilization are reviewed. Other important areas included in this volume are transport phenomena, physics of glassy materials, and process design and control. Formulation development and lyophilization cycle development are likewise reviewed. Also included is a relevant and comprehensive presentation of FDA-approved biopharmaceutical products and their excipients. Attention is given to the characterization of protein and peptide powders by commonly used solid-state methods. These methods facilitate formulation development in a rational fashion to address the various



Suggested List Price: \$195 AAPS Member Price: \$156

lyophilized state.

You'll want to order your copies now to assure immediate delivery. Call, 703-243-2800 to place your order.

Biopharmaceuticals. The result is a comprehensive

in formulation of peptide and protein drugs in the

volume for anyone in academia or industry interested

AAPS - NIDA Symposium Frontiers in Science: Drug Addiction—From Basic Research to Therapies

September 9 - 11, 2004 National Institutes of Health Campus Natcher Auditorium, Bethesda, MD Co-Sponsored with NIDA



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.

Continued

1722 AAPS Electronic Scientist

AAPS Workshop: Optimization of Drug Like Properties During Lead Optimization

September 19-22, 2004 Hilton Parsippany Parsippany, NJ

Co-Sponsored with The Society of Toxicology, ACS—Medicinal Chemistry Division, ACS—North Jersey Section, ASCPT, ISSX and EUFEPS

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 bioavailabilty 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/leadopt.

AAPS Workshop on Specifications for Biotechnology and Biological Products

October 6-8, 2004 Marriott Metro Center Washington, DC

This workshop shoud be the first in a series of activities to address the process of setting specifications for biologis and biotechnology products. Carefully planned discussion shoud surround the fundamentals of setting specifications, and not particular solutions to identified issues. Thus, the goal of this workshop will not be to amend current practices, but to recommend an overall and comprehensive process from scratch. In addition to mapping the process of setting specifications, small interactive break out sessions will be used to identify product specific elements and explore in depth additional approaches to specific issues related to setting specifications. For more information, please go to

www.aapspharmaceutica.com/specifications.

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Co-Sponsored with The Society of Toxicology, ACS
Medicinal Chemistry Division, ACS North Jersey Section,
SCPT, ISSX and EUFEPS

Hilton Parsippany, Parsippany, NJ

▶0ctober 6-8, 2004

AAPS Workshop on Specifications for Biotechnology and Biological Products

Marriott Metro Center, Washington DC

November 5-6, 2004

AAPS Workshop on Clinical Biomarkers in Drug Development: Efficacy Assessment, Pharmacokinetics and Pharmacodynamics and Regulatory Insights

Co-Sponsored with ACCP

Holiday Inn Inner Harbor, Baltimore, MD

►November 7-11, 2004

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

► February 3-5, 2005

AAPS Workshop on Getting the Dose Right Crystal Gateway Marriott, Arlington, VA

▶June 5-8, 2005

2005 AAPS National Biotechnology Conference San Francisco Marriott, San Francisco, CA





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