

AAPS Electronic Scientist

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December 2001

AAPS Presents Pharmaceutical Technologies Conference on Parenteral Products

AAPS will present the 37th Annual Pharmaceutical Technologies Conference at Arden House: Parenteral Products—Integrating Science, Innovation and Patient Needs, January 13-18, 2002 at the Arden House Conference Center in Harriman, NY.

The conference will provide pharmaceutical scientists with knowledge and practical experiences related to the science of parenteral products and their formulation in today's marketplace. Participants will have the opportunity to utilize important concepts and see the application of these concepts through various active learning strategies.

Conference participants will be able to:

- Understand the importance of parenteral drug formulation and development and its impact on medication safety and efficacy in health care
- Understand the influence parenteral drug formulation and development has on delivering safe and efficacious health care
- Recognize the various types of dosage forms being used in parenteral formulations including novel delivery systems, sustained release, microspheres, emulsions, liposomes, suspensions and nanoparticulate systems
- Comprehend issues and concepts related to parenteral dosage forms including lyophilization, packaging and available delivery systems for these products
- Become familiar with genomics, proteomics and cell based therapeutics and the challenges related to the gene delivery systems
- Understand current and future economic and regulatory issues that influence a successful launch of parenteral products in the marketplace.

Visit www.aapspharmaceutica.com/arden for further information or registration details.

Nutraceuticals Under the Microscope in Book Published by AAPS Press

Do dietary supplements work? Are they safe? These are among key questions addressed in a book published by AAPS Press. "Examining the Science Behind Nutraceuticals" reports on proceedings of the AAPS Dietary Supplements Forum, held last year in Washington, D.C.

The book, which has been updated to reflect the latest developments, features presentations by leading pharmaceutical scientists and physicians in industry and academia, top association executives, and a leading official from the National Institutes of Health. The informality of the presentations, panel discussions, and Q&A sessions has been preserved in a user-friendly format filled with practical, helpful information that will be of interest to pharmaceutical scientists and related professionals, as well as the general public.

The book will help readers gain a better understanding of the science and quality issues of dietary supplements.

Distinguished contributors include:

- Paul M. Coates, Ph.D., Director, Office of Dietary Supplements, NIH
- Roger L. Williams, M.D., President & CEO, United States Pharmacopeia
- Derrick M. DeSilva, Jr., President, American Nutraceutical Association
- David S. Hungerford, M.D., Department of Orthopedic Surgery Johns Hopkins University
- Joseph Betz, Ph.D., Vice President, American Herbal Products Association
- Theodore Labuza, Ph.D., Professor of Food Science and Engineering, University of Minnesota
- Helen Meldrum, Ed.D., Associate Professor of Psychology and Communication, Massachusetts College of Pharmacy
- Larry Small, Ph.D., Vice President of Research & Development; Whitehall-Robins Healthcare
- Larry Lawson, Ph.D., Research Director, Plant Bioactives Research Institute
- Bernadette M. Marriott, Ph.D., Vice President, Programs & Communications, Burroughs Wellcome Fund

"Examining the Science Behind Nutraceuticals: Proceedings of the AAPS Dietary Supplements Forum," is soft cover, 392 pages, with photographs, charts, and graphs. It is priced at \$125 (plus shipping) for AAPS members; \$179 (plus shipping) for nonmembers.

Order online at www.aapspharmaceutica.com/nutraceutical or call 703-243-2800.

AAPS Offers Distance Learning Opportunities

AAPS offers a series of distance learning programs that innovate and manage distance learning opportunities for AAPS members and the scientific community.

The latest offerings include:

Nutraceuticals: Issues and Opportunities

Presenters: Jian-Hwa Guo, Ph.D., Robert L. Chapman, Ph.D., Thilo Messerschmitt, Ph.D., Philip N. Anderson, Ph.D., Richard Kingston, Pharm.D., Larry Augsburg, Ph.D.

A comprehensive course covering validation and harmonization of botanical preparations, arteriosclerosis and nutrient intake, emerging technologies for the characterization of nutraceuticals, challenges in monitoring and evaluating interactions and toxicity, and regulation of the nutraceuticals industry: internal and external issues.

Members: \$225; Nonmembers: \$337

Small Pharma Approach for Predicting Human Pharmacokinetics

Rene Braeckman, Ph.D.

This 45-minute course outlines a practical strategy for the implementation and integration of *in vitro* and *in vivo* preclinical testing for pharmacologic, pharmaceutical, PK, and toxicologic drug characteristics, for a young, small pharmaceutical company. As resources may be limited and most activities are outsourced, the "Small Pharma" implementation uses a tiered approach where fast, cheap, *in vitro* tests are done first, and more expensive, elaborate experiments (mostly *in vivo*) are done later. Therefore, particular attention is given to the sequence and the costs of experiments. To optimize decision-making, selection characteristics of the ideal drug candidate and go/no-go criteria are well defined at each stage.

Members: \$100; Non-Members: \$150

Copyright Law for Scientists

Jeff Glassie, Esq., Partner, Shaw Pittman

This CD-ROM is aimed at scientists who write books, contribute to journals, teach, and conduct workshops, seminars, and other presentations. It provides an excellent overview of current U.S. copyright laws pertaining to the creation and use of intellectual property.

For further details visit www.aapspharmaceutica.com/DL.

Available Soon!

The CD-ROM version of AAPS' Web-Enhanced Tele-Seminar entitled "Understanding Patent Law." For complete details, please visit www.aapspharmaceutica.com/patents.

For ordering information and a complete listing of all products in the AAPS Distance Learning catalog, visit www.aapspharmaceutica.com/DL.

2002 AAPS Meetings Calendar

January 13-18, 2002

AAPS 37th Annual Pharmaceutical Technologies Conference at Arden House: Parenteral Products—Integrating Science, Innovation and Patient Needs
*Arden House Conference Center
Harriman, NY*

February 28-March 1, 2002

AAPS Workshop on Critical Issues in the Design and Applications of Polymeric Biomaterials in Drug Delivery
*Crystal Gateway Marriott
Arlington, VA*

March 18-20, 2002

AAPS Workshop on Drug Product and Drug Substance Specifications
Co-Sponsored with FDA
*Crystal Gateway Marriott
Arlington, VA*

April 22-24, 2002

AAPS First Annual Pharmaceuticals and Drug Delivery Conference
*Crystal Gateway Marriott
Arlington, VA*

April 25-26, 2002

AAPS Workshop on Chemical and Physical Form Selection of Drug Candidates: Principles, Considerations and Case Studies
*Crystal Gateway Marriott
Arlington, VA*

April 25-26, 2002

AAPS Management Seminar
Pharmaceutical Scientists—From Bench to Manager
*Crystal Gateway Marriott
Arlington, VA*

June 23-26, 2002

AAPS National Biotechnology Conference
*Sheraton San Diego Hotel & Resort
San Diego, CA*

November 10-14, 2002

2002 AAPS Annual Meeting and Exposition
*Metro Toronto Convention Center Toronto,
Ontario, Canada*

Visit www.aapspharmaceutica.com/meetings for registration details.