

Association News and Announcements

CHALLENGES IN THE DEVELOPMENT OF PROTEIN DRUG PRODUCTS

The 1990 June LOL Conference (International Industrial Pharmaceutical Research Conference) will be held June 11–15, 1990. This conference is a *teaching conference*. The primary program goal is to teach attendees what needs to be done to develop a successful protein drug product. Although selected program aspects will touch on components of the entire development spectrum from discovery to marketing, the primary emphasis will be on development including purification (scale-up), preformulation and formulation. The general goal will be achieved through the objectives listed below. At the conclusion of this conference, attendees should be able to: (1) Demonstrate an understanding of protein basics such as: what are proteins and how are they obtained. Topics of relevance include cell biology, fermentation, nomenclature, purification, characterization, reactivity, thermodynamics and interfacial properties. (2) Identify the problems (challenges) encountered in formulating protein drugs with the ultimate goal of exploring solutions to such problems. (3) Show an appreciation for the importance of effective communication mechanisms with respect to the transfer of complex technology throughout the process of the development of protein drug products (from discovery to marketing). (4) List FDA standards associated with protein drug products and demonstrate an understanding of how these standards are applied to process of filing a PLA for a protein drug product.

For additional information, contact Alan L. Hanson, Ph.D. (608) 262-2099; School of Pharmacy, University of Wisconsin, Madison, 425 N. Charter Street, Madison, Wisconsin 53706.

CALENDAR OF EVENTS

July 1–6, 1990. XIth International Congress of Pharmacology, to be held in Amsterdam, The Netherlands. This conference consists of 22 plenary lectures, 41 symposia, 22 workshops, 6 debates and over 2000 oral and poster communications. All major areas of research in pharmacology and related disciplines are covered, from molecular pharmacology to pharmacokinetics, drug metabolism and drug targeting. Congress executive committee: Prof. D. de Wied and Prof. J. M. van Ree, Rudolf Magnus Institute of Pharmacology, University of Utrecht, Prof. D. D. Breimer, Center for

BioPharmaceutical Sciences, University of Leiden, and Prof. P. A. van Zwieten, Department of Pharmacology, University of Amsterdam. Around this congress 35 satellite meetings are organized in Holland or neighboring countries. For further information contact: Secretariat XIth Int. Congress of Pharmacology, RAI—Organisatie Bureau b. v., Europaplein 12, 1078 GZ Amsterdam, The Netherlands; telephone 31-20-549 12 12; telefax 31-20 46 44 69.

July 15–20, 1990. Basic Pharmacokinetics: A One-Week Workshop, to be held in Manchester, England. For information, contact the organizer, Prof. M. Rowland, Department of Pharmacy, University of Manchester, Manchester M13 9PL, England. Tel: (0)61 275 2348 direct line. Fax: (0)61 275 2396.

October 18–19, 1990. "Controlled Release in Consumer Products," symposium and workshop sponsored by the Controlled Release Society in Cincinnati, Ohio. *Contact for technical questions:* C. Garrison, Engineering Laboratory, The Procter and Gamble Company, 4530 Este Avenue, Cincinnati, OH 45232 or N. Peppas, School of Chemical Engineering, Purdue University, West Lafayette, IN 47907. *For registration:* J. Roseman, Controlled Release Society, 16 Nottingham Drive, Lincolnshire, IL 60069.

NEW TRENDS IN PHARMACOKINETICS

The N.A.T.O. Advanced Study Institute presents "New Trends in Pharmacokinetics." *Locality:* Ettore Majorana Centre for Scientific Culture, Erice, Sicily, Italy. *Date:* 4–15 September 1990. *Organizing Committee:* A. Rescigno, University of Parma, Italy, G. Mariani, University of Pisa, Italy, J. T. Stevens, Ciba-Geigy, Greensboro, North Carolina, and A. K. Thakur, Hazelton Laboratories, Vienna, Virginia. *Topics:* The role of Pharmacokinetics in the design of new drugs, Stereospecific Pharmacokinetics, Distribution and Pharmacokinetics, Pharmacokinetic modeling of Monoclonal Antibodies, Interspecies pharmacokinetic scaling, From compartmental to non-compartmental models, and Pharmacokinetics of Anticancer and anti-AIDS drugs.

For information contact: Prof. Giuliano Mariani, C.N.R. Clinical Physiology, via Savi 8, I-56100 Pisa, Italy, Telephone (050) 554065; or Dr. A. K. Thakur, Hazelton Laboratories America Inc., 9200 Leesburg Turnpike, Vienna, Virginia 22180, Telephone (703) 893-5400.