

Association News and Announcements

SCHOLARSHIPS AND FELLOWSHIPS FROM THE AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION

The American Foundation for Pharmaceutical Education announces the availability of \$600,000 for Scholarships and Fellowships beginning in September 1990. Awards include 11 First Year Graduate Scholarships (\$5000), approximately 70 Graduate Fellowships (\$6000-\$10,000), including 7 "Springboard to Teaching" Fellowships; and 2 Postdoctoral Research Fellowships (\$22,500). Applications are available after December 1, 1989 and must be submitted by March 1, 1990. Contact: Dr. Richard E. Faust, President, American Foundation for Pharmaceutical Education (AFPE), 618 Somerset Street, P.O. Box 7126, North Plainfield, New Jersey 07060.

29TH INTERNATIONAL INDUSTRIAL PHARMACY CONFERENCE

The University of Texas College of Pharmacy and Division of Continuing Education present the 29th Annual International Industrial Pharmacy Conference, to be held February 25-March 1, 1990 at the Barton Creek Conference Center, Austin, Texas. This year's conference theme is "National and International Issues in Drugs and Biologics Regulations." Experts from private industry, government, and academia will present information from their experience on background issues and practical applications of workable solutions to actual and potential situations. The conference is presented for the pharmaceutical industry, the profession of pharmacy and other health related professions. The program is approved for 1.4 CEU's (14 contact hours) of continuing pharmacy education credit. For further information, please contact Dr. Salomon Stavchansky (512-471-1407) or Jennifer Myhra (512-471-6213).

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.

AAPS WESTERN REGIONAL MEETING

The annual Western Regional American Association of Pharmaceutical Scientists' Meeting is scheduled for February 26-28, 1990, in Reno, Nevada. The two foci of this meeting are biotechnology and drug delivery. Location: Flamingo Hilton Reno, Reno, Nevada. Sponsor: AAPS; co-sponsored by Controlled Release Society. Contact: Paul A. Laskar, Herbert Laboratories, 1202 East Wakeham Avenue, Santa Ana, California 92705. Telephone—(714) 752-4530; Telefax - 714-752-4269; or AAPS, 601 King Street, Alexandria, Virginia. Telephone - (703) 548-3000.

FIRST EUROPEAN SYMPOSIUM ON CONTROLLED DRUG DELIVERY

The First European Symposium on Controlled Drug Delivery will be held March 28-30, 1990 at the Huis ter Duin Hotel, Noordwijk-aan-Zee, The Netherlands. Provisional programme: 1. Biodegradable implants for drug delivery; 2. Liposomes, niosomes, microspheres and nanoparticles as drug carriers; 3. High molecular weight drug/prodrugs/drug targeting; 4. Novel developments in peptide delivery including self-regulating delivery systems; 5. Transdermal iontophoretic and electro-osmotic transport; 6. Pharmacokinetics/dynamics of controlled release systems; 7. Application of hydrogels for controlled drug delivery. Contact: Secretariat: Dr. ir. J. A. van Alsté, Coordination Centre for Biomedical Technology, University of Twente, P.O. Box 217, 7500 AE Enschede, The Netherlands. Telephone X-31 53 893367, Telex 442000 thtes, Telefax X-31 53 334257.

NASAL AND PULMONARY DELIVERY OF PEPTIDE AND PROTEIN DRUGS

Pfeiffer, Inc., together with the University of Southern California, is planning a seminar in May, 1990, "Nasal and Pulmonary Delivery of Peptide and Protein Drugs." For further information, contact: Dr. V. H. L. Lee, (213) 224-7550,

or, J. D. Higgins, 12 Roszel Road, Suite C-104, Princeton NJ 08540. Telephone—609-987-0223. Telex 494 8362 pfeif, FAX 609-987-0763.

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.

SWEDISH ACADEMY OF PHARMACEUTICAL SCIENCES

The Swedish Academy of Pharmaceutical Sciences plans to hold the following International Meetings: Symposium on Characterization of Macromolecules Used as Pharmaceutical Excipients, to be held in Gothenburg, Sweden, March 7–9, 1990. Sessions: Techniques used for characterization; Pharmacopoeial requirements and safety aspects; Pharmaceutical Applications. Symposium on Self-Medication—Consumer Aspects, to be held in Stockholm, Sweden, April 2–4, 1990. Sessions: Defining the concept of self-medication, Underlying factors of significance in self-medication, Methods in self-medication research, Factors influencing consumer self-medication strategies and behavior, Future trends and Implications for pharmaceutical education and pharmacy services.

For further information please contact the Swedish Academy of Pharmaceutical Sciences, P.O. Box 1136, S-111 81 Stockholm, Sweden, FAX +468205511.

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.

TOPICAL DRUG PRODUCTS WORKSHOP

An AAPS/FDA/Industry co-sponsored workshop is planned to discuss problems, issues, and possible solutions in the development and optimization of dermatological topical drug products. The workshop will be held at the Hyatt Regency—Crystal City (adjacent to National Airport) in Arlington, Virginia, March 26–28, 1990.

The major objectives of the workshop are to: Review and evaluate available information on topical drug products; evaluate relationships between pharmacological activity, drug delivery, and clinical efficacy; identify important principles in the development and optimization of topical drug products; raise possible concerns related to the local and systemic toxicity problems arising from optimization of drug delivery; discuss regulatory concerns in the evaluation of topical drug products. The workshop is co-chaired by Distinguished Professor William I. Higuchi (University of Utah), Dr. Vinod P. Shah (FDA), and Dr. Charan R. Behl (Hoffmann-LaRoche). The format of the workshop will offer sample opportunity for audience participation and discussion.

For additional information, contact the American Association of Pharmaceutical Scientists, 601 King Street, Alexandria, Virginia 22314-3105. Telephone (703) 548-3000.