

Association News and Announcements

FOURTH JAPANESE-AMERICAN CONFERENCE ON PHARMACOKINETICS AND BIOPHARMACEUTICS

(San Francisco, California, July 31-August 2,
1988)

The Fourth Japanese-American Conference on Pharmacokinetics and Biopharmaceutics will be held at the Sir Francis Drake Hotel in San Francisco, California, beginning Sunday night, July 31 through Tuesday, August 2. The conference will be jointly sponsored by the American Association of Pharmaceutical Scientists and the Department of Pharmacy of the University of California, San Francisco, School of Pharmacy.

Simultaneous Translation will be provided for all symposium presentations and the question/answer sessions.

Sunday, July 31. 6:00 p.m.-9:00 p.m., Opening Reception and Registration.

Monday, August 1. 8:00 a.m., **Opening Remarks:** Leslie Z. Benet, Ph.D., Professor and Chairman, Department of Pharmacy, University of California, San Francisco, and Shoji Awazu, Ph.D., Professor of Biopharmaceutics, Tokyo College of Pharmacy.

Delivery of Proteins and Peptides, Presiding: Richard H. Guy, Ph.D., Associate Professor and Vice Chairman, Department of Pharmacy, University of California, San Francisco. 8:30 a.m., *Epithelial Barriers to the Absorption of Proteins: Is There Hope?* John S. Patton, Ph.D., Scientist, Biopharmaceutics, Genentech, Inc., South San Francisco, California. 9:15 a.m., *Protection of Peptide Drugs from Proteolytic Enzymes in Subcutaneous and Percutaneous Delivery,* Katsuhiko Okumura, Ph.D., Associate Professor, Pharmaceutical Division, Kobe University Medical School. 10:00 a.m., Coffee Break. 10:30 a.m., *Control of Disposition Characteristics of Proteins by Chemical Modification,* Mitsuru Hashida, Ph.D., Associate Professor, Faculty of Pharmaceutical Sciences, Kyoto University. 11:15 a.m., *Cultured Bovine Brain Capillary Endothelial Cells: A Model System for Blood-Brain Barrier Transport and Metabolism,* Ronald T. Borchardt, Ph.D., Professor and Chairman, Department of Pharmaceutical Chemistry, University of Kansas. 12:00 noon, Lunch. 12:45 p.m., Poster Session 1. 2:00 p.m., *Rectal-Nasal Absorption and Pharmacokinetics of Human Epidermal Growth Factor,* Noboru Yata, Ph.D., Professor of Biopharmaceutics, Department of Pharmaceutics and Therapeutics, Institute of Pharmaceutical Sciences, Hiroshima University School of Medicine. **Stereopharmacokinetics,** Presiding: Karl A. DeSante, Ph.D., Senior Research Scientist, Lilly Laboratories for Clinical Research, Indianapolis, Indiana. 2:45 p.m., *Chirality in Pharmacokinetics: Challenges and Opportunities,* Rene H. Levy, Ph.D., Professor and Chairman, Department of Pharmaceutics, University of Washington. 3:30 p.m., Coffee Break. 4:00 p.m., *Stereopharmacokinetics of Antibiotics,* Hideo Yamada, Ph.D., Research Director, Pharmacokinetics and Biopharmaceutics Division, Shionogi Research Laboratory, Osaka. 4:45 p.m., *Recent Pharmacokinetic Studies with Ibuprofen Enantiomers,* Stephen R. Cox, Ph.D., Senior Research Scientist, Clinical Pharmacokinetic Research, The Upjohn Company, Kalamazoo, Michigan. 6:00 p.m., Reception. 7:00 p.m., Banquet.

Tuesday, August 2. Pharmacokinetic/Pharmacodynamic Relationships, Presiding: Gerhard Levy, Pharm.D., Distinguished Professor of Pharmaceutics, State University of New York at Buffalo. 8:30 a.m., *Drug Patterning in Toxicity and Efficacy,* William J. M. Hrushesky, M.D., Associate Professor of Medicine, Section of Medical Oncology, University of Minnesota. 9:15 a.m., *Kinetic Models to Relate Antibiotic Concentration and Drug Toxicity,* Koshiro Umemura, Ph.D., Professor of Biopharmaceutics, School of Pharmacy, Koho University, Chiba. 10:00 a.m., Coffee Break. 10:30 a.m., *Hyperglycemic Response to Chlorpromazine,* Masao Kakemi, Ph.D., Associate Professor, Toyama Medical and Pharmaceutical University. 11:15 a.m., *Proteins and Protein Binding in Pharmacokinetics and Pharmacodynamics,* Svein Øie, Ph.D., Associate Professor of Pharmacy and Pharmaceutical Chemistry, Department of Pharmacy, University of California, San Francisco. 12:00 noon, Lunch. 12:45 p.m., Poster Session 2. **New Strategies for Modeling,** Presiding: Boyd J. Poulsen, Ph.D., Director and Vice President of the Institute of Pharmaceutical Sciences, Syntex Research, Palo Alto, California. 2:00 p.m., *Phase-Related Variation in Fasted State Gastric Emptying Rates: Implications for Oral Drug Pharmacokinetics,* Gordon L. Amidon, Ph.D., Professor of Pharmaceutics, College of Pharmacy, The University of Michigan. 2:45 p.m., *Non-compartmental Analysis of Drug Disposition in the Kidney,* Yusuke Tanigawara, Ph.D., and Ryohei Hori, Ph.D., Lecturer and Professor, Pharmaceutical Division, Kyoto University Medical School. 3:30 p.m., Coffee Break. 4:00 p.m., *Application of Multiple Indicator Dilution Method to Pharmacokinetic Analysis,* Tatsuji Iga, Ph.D., Associate Professor of Pharmacy, Faculty of Pharmaceutical Sciences, University of Tokyo. 4:45 p.m., *The Application of Population Pharmacokinetics to Clinical Data,* Thaddeus H. Grasela, Jr., Pharm.D., Clinical Assistant Professor, School of Pharmacy, State University of New York at Buffalo.

REGISTRATION FEES

BEFORE JULY 1, 1988

Full Registration **\$190.00**

Full-time graduate students
and postdoctoral fellows
with appropriate certification **\$100.00**
(Please attach a letter from your Dean or Major Professor
certifying your status)

Banquet ticket for Spouse/Guest **\$35.00**

AFTER JULY 1, 1988 AND ON-SITE

Full registration **\$240.00**

Full-time graduate students
and postdoctoral fellows **\$150.00**

Banquet ticket for spouse/guest **\$35.00**

ABSTRACTS

Official abstract forms may be obtained from the AAPS Office. The deadline for abstract submission is *June 15, 1988.*