



State-of-the-Art Technologies in Drug Discovery and Development



February 25, 2007, 8:30am – 5:00pm * Doubletree Guest Suites Plymouth Meeting, PA 19462

8:30-9:00 Registration, Breakfast and Networking

Morning Session: Drug Discovery

Session Chair: Dr. Xinkang Wang, Wyeth

9:00-9:05 Welcome from the Chair of the Organization Committee, Dr. Guosheng Wu

9:05-9:10 Opening Remarks by SAPA-GP President, Dr. Jian Li

9:10-9:40 RNAi: A Rising Star or a Shooting Star of Pharmaceuticals?
Dr. De-Min Zhu, Senior Investigator, Merck

9:40-10:10 Bioinformatics in Drug Discovery and Development
Dr. Guanghui Hu, Investigator, GSK

10:10-10:40 High Throughput Screen in the Pharmaceutical Industry
Dr. Hu Li, Manager, GSK

Morning Tea Break (15 minutes)

10:55-11:15 Structure-Based Design and Synthesis of Novel BACE1 Inhibitors for Alzheimer' Disease
Dr. Tao Guo, Director of Chemistry, Pharmacopeia

11:15-11:35 Fragment-Based Drug Design
Dr. Jian Li, Senior Scientist, Johnson & Johnson

11:35-11:55 Computer-Aided Drug Design: Principles and Applications
Dr. Guosheng Wu, Research Scientist, Vitae Pharmaceuticals

Lunch Break and Networking (95 minutes)

Afternoon Session: Drug Development

Session Chair: Dr. Wensheng Lang, Johnson and Johnson

1:30-2:00 Translational Medicine and Biomarker Development: Bridging the Gap between Drug Discovery and Development
Dr. Jingsong Wang, Associate Director, Translational Medicine, Wyeth

2:00-2:30 Liquid Chromatography-Mass Spectrometry Based Metabolic Profiling and Applications in Drug Discovery and Early Development
Dr. Wensheng Lang, Senior Scientist, Johnson & Johnson

2:30-3:00 PAT: a Framework for Innovation, Process Understanding and Quality Assurance in Pharmaceutical Manufacturing
Dr. Weiyong Li, Research Fellow, Johnson & Johnson

Afternoon Tea Break (15 minutes)

3:15-3:45 Innovations in Stem Cell Research
Dr. Julie Jia, Field Application Scientist, Millipore Corporation

3:45-4:15 NanoCrystal® Technology for Drug Delivery
Dr. Wei Liu, Scientist II, Elan Drug Delivery, Inc.

4:15-4:45 PET imaging: Basic Concepts and it's Usage in Drug Development
Dr. Sean Zhang, Clinical Leader, Associate Director, Johnson & Johnson

4:45-4:50 Closing Remarks by SAPA-GP's President-Elect, Dr. Zhongda Zhang, Biomol

▪ Sponsored by Keystone Analytical Lab, Inc & Millipore Corporation.