

Schedule of ISOSDD'08 Technical Program

Day 1- October 14, 2008, Tuesday

8:30 - 18:00	Arrival and Registration (Main hall of Zhongshan Hotel)	
18:00 - 21:00	Welcome	Opening Ceremony and Reception Banquet (Yangtze Hall) Guo-Qiang Lin , Rao Rapaka , Yi Pan
	Plenary Lecture 01	Chairman: Mingde Xia (SAPA) Stephen Scypinski (Bristol-Myers Squibb) <i>Overview of the Drug Development Process: Assuring Product Quality and Efficacy</i>

Day 2- October 15, 2008 – Wednesday morning

8:00 - 8:30	Welcome	Opening Ceremony (Huangpu Hall of the hotel) Guo-Qiang Lin, Yi Pan, Jun Chen (President of NJU), Mingde Xia (SAPA) Chairman: Biao Jiang (SIOC, CAS)
8:30 - 9:15	Plenary Lecture 02	Philip S. Portoghese (University of Minnesota) <i>Ligands that activate heterodimeric opioid receptors: functional and clinical relevance</i>
9:15 - 10:00	Plenary Lecture 03	Xiyan Lu (Shanghai Institute of Organic Chemistry, CAS) <i>Paladium(II) catalyzed addition of arylboronic acids to carbon-heteroatom multiple bonds. An enantioselective, catalytic Grignard type reaction</i>
10:00 - 10:20	Coffee Break Chairman: Lutz F. Tietze (Universität Göttingen)	
10:20 - 11:05	Plenary Lecture 04	Mauricio Futran (Bristol-Myers Squibb) <i>Knowledge Creation in Pharmaceutical Process Development in the Context of Global Partnerships</i>
11:05 - 11:50	Plenary Lecture 05	Chen Li (Roche-China) <i>Regulation of Signals through Protein-Protein Interaction: 15 years and counting</i>
11:50 - 12:35	Plenary Lecture 06	Peter W. Schiller (Clinical Research Institute of Montreal, Canada) <i>Use of Novel Amino Acid Analogues in the Development of Peptides as Drugs or Pharmacological Tools</i>
12:35-14: 00	Lunch (Zijin Hall)	

Day 2- October 15, 2008 – Wednesday afternoon

Session 1: Organic Synthesis I (Hall A)		
Chairman: Rengxiang Tan (Nanjing Univ.)		
14:00–14:30	Invited Lecture 01	Dawei Ma (SIOC, CAC) <i>Amino Acid Promoted Ullmann-type Coupling Reactions and Their Applications in Organic Synthesis</i>
14:30 –15:00	Invited Lecture 02	Scott Snyder (Columbia University) <i>Achieving Synthetic Control When Nature Abandons Selectivity</i>
15:00-15:30	Invited Lecture 03	Zhenfeng Xi (Peking Univ.) <i>Synthesis of multiply substituted pyrrolopyridines, pyridines and pyrroles</i>

15:30–16:00	Invited Lecture 04	Biao Jiang (Shanghai Institute of Organic Chemistry, CAS) <i>Synthesis of Chiral Gossypol and Their Derivatives and Evaluation of Their Anticancer Activity</i>
16:00–16:20	Coffee Break	
Chairman: Robert Shaw (Texas Tech University)		
16:20–16:50	Invited Lecture 05	Lutz F. Tietze (Universität Göttingen) <i>A New Approach for a Selective Treatment of Cancer Based on Prodrugs and Monoclonal Antibody-Enzyme Conjugates</i>
16:50–17:20	Invited Lecture 06	Meixiang Wang (Institute of Chemistry, CAS) <i>Enantioselective Nitrile Biotransformations and Their Applications in the Synthesis of Natural and Bioactive Compounds</i>
17:20–17:50	Invited Lecture 07	LiMing Zhang (University of Nevada, Reno) <i>Au-Catalyzed Cycloaddition Reactions</i>

Day 2- October 15, 2008 – Wednesday afternoon

Session 2(a): Medicinal Chemistry Approaches to Tackling Cardiovascular and Metabolic Diseases (Hall B)		
Chairman: P.K Jadhav (Eli Lilly & Company, Indianapolis) / Martin Procter (Prosidion, UK)		
14:00–14:30	Invited Lecture 08	Jiesheng Kang (Sanofi Aventis, USA) <i>HERG and the LQT Syndrome: Background, Regulations & Non-Clinical Strategy</i>
14:30–15:00	Invited Lecture 09	Donald Pinto (Bristol-Myers Squibb Company, USA) <i>A Next Generation Oral Anticoagulant: The Discovery of Apixaban, a Potent, Selective and Orally Bioavailable Factor Xa Inhibitor</i>
15:00–15:30	Invited Lecture 10	P. K. Jadhav (Eli Lilly & Company, USA) <i>Orally bioavailable, nonsteroidal MR antagonist LY2180176 for the treatment of hypertension</i>
15:30–15:50	Coffee Break	

Session 3: Medicinal Chemistry Approaches to Tackling Oncology Disease (Hall B)		
Chairman: Joe Shih (Lilly Research Laboratories, Eli Lilly and Company, USA)		
15:50–16:20	Invited Lecture 11	Qun Li (Chief Scientific Officer, Egret Pharma, Shanghai, China) <i>Design and Synthesis of Orally Bioavailable Akt Kinase (PKB) Inhibitors as Anticancer Agents</i>
16:20–16:50	Invited Lecture 12	Jim Henry (Discovery Chemistry Research and Technologies, Lilly Research Laboratories, Eli Lilly and Company, USA) <i>Type II Kinase Inhibitors for the Treatment of Cancer</i>
16:50–17:20	Invited Lecture 13	Shawn Qian (Associate Director, Medicinal Chemistry, Cytokinetics, Inc., USA) <i>Discovery of Mitotic Kinesin Inhibitors as Novel Anticancer Agents</i>
17:20–17:50	Invited Lecture 14	Joe Shih (Lilly Research Laboratories, Eli Lilly and Company, USA) <i>The Evolution of Lilly Oncology: From Cytotoxic Agents (Discovery and Development of ALIMTA®) to Kinase Inhibitors</i>

Day 2- October 15, 2008 – Wednesday afternoon

Session 4: Pharmaceutical Development (Hall C)		
Chairman: Jianji Wang (Bristol-Myers Squibb Company)		
14:00–14:30	Invited Lecture 15	Robert Discordia (Director, Department of Process Research and Development, Bristol-Myers Squibb Company) <i>The Process Development of an MMP Inhibitor: Development and Execution of a Crystallization Induced Dynamic Resolution</i>
14:30 –15:00	Invited Lecture 16	Jason Huang (Senior Research Investigator II, Department of Analytical Research and Development, Bristol-Myers Squibb Company) <i>Analytical Role in Pharmaceutical Development and GMP Compliance</i>
15:00-15:30	Invited Lecture 17	Joan Ruan (Group Leader, Department of Analytical Research and Development, Bristol-Myers Squibb Company) <i>Forced Degradation Strategy</i>
15:30-16:00	Invited Lecture 18	Thomas Colacot (Johnson Matthey Catalyst) <i>Highly Active, Air-Stable Pd Catalysts for Challenging Cross-Coupling Reactions</i>
16:00–16:20	Coffee Break	
Chairman: Mingde Xia (SAPA)		
16:20–16:50	Invited Lecture 19	Jianji Wang (Senior Research Investigator II, Department of Process Research and Development, Bristol-Myers Squibb Company) <i>Pharmaceutical Process Research and Development</i>
16:50-17:20	Invited Lecture 20	Xiongwei Shi (United Pharmatech) <i>Sundia's Strategies and Steps towards Meeting Client's Requirements for Outsourcing Services</i>
17:20-17:50	Invited Lecture 21	Jay (Jiefei) Cheng (Otsuka Maryland Medicinal Laboratories Inc, USA) <i>The Yin and Yang of the Fatty Acid Oxidation Modulation</i>
17:50-19:00	Dinner (Zijin Hall)	
19:00-22:00	Posters (2nd floor, No 1. Building)	

Day 3- October 16, 2008– Thursday Morning

Plenary Lecture: (Huangpu Hall of the Hotel)		
Chairman: Zhenfeng Xi (Peking Univ.)		
8:00 – 8:45	Plenary Lecture 07	Kevin Burgess (Texas A&M University) Libraries of Bivalent Peptidomimetics for Mimicking or Disrupting Protein-Protein Interactions
8:45–9: 30	Plenary Lecture 08	Guo-Qiang Lin (SIOC, CAS and NSFC) New Synthetic Methodologies and Their Utilities in the Synthesis of Bio-active Products
9:30 -10:15	Plenary Lecture 09	Bruce Lipshutz (University of California, Santa Barbara) Green Chemistry Using "Designer" Surfactants. Just Add Water
10: 15 – 10:45	Coffee Break	
	Chairman	Dawei Ma (SIOC, CAS)
10:45 - 11:30	Plenary Lecture 10	Rene Imwinkelried (Schering-Plough, USA) <i>Chemical Process Scale-Up Opportunities</i>
11:30 -12:15	Plenary Lecture 11	Ralph P Volante (Lushi Tan) (Process Research, Merck) <i>Asymmetric hydrogenation/transfer hydrogenation a powerful strategy for drug synthesis</i>
12:15– 14:00	Lunch	

Day 3-October 16–Thursday afternoon

Session 5: General Medicinal Chemistry (Hall A)		
Chairman: Qidong You (China Pharmaceutical University)/Jianhe Deng (GlaxoSmithKline. Co)		
14:00–14:30	Invited Lecture 22	Jianhe Deng (GlaxoSmithKline. Co) <i>Encoded Library Technology: A New Methodology for Lead Discovery</i>
14:30 –15:00	Invited Lecture 23	Robert Shaw (Texas Tech University) <i>Antibiotic resistance in bacteria: novel metalloenzyme inhibitors</i>
15:00-15:30	Invited Lecture 24	Ao Zhang (Shanghai Institute of Materia Medica, CAS) <i>Multi-Strategy for Design of Dopamine D1 & Serotonin 5-HT1A Receptor Ligands.</i>
15:30–16:00	Invited Lecture 25	Qidong You (China Pharmaceutical University) Conformation-based design of camptothecin analogues as potent DNA topoisomerase I inhibitors

Day 3-October 16–Thursday afternoon

Session 2(b) :Medicinal Chemistry Approaches to Tackling Cardiovascular and Metabolic Diseases (Hall B)	
Chairman: P.K Jadhav (Eli Lilly & Company, Indianapolis) / Martin Procter (Prosidion, UK)	

14:00–14:30	Invited Lecture 26	Wenqing Yao (Incyte Corporation, USA) <i>Discovery of Potent and Selective 11βHSD1 Inhibitors: Scaffold Hoping Approach for Novel Lead Generation Based on Medchem Intuition</i>
14:30 –15:00	Invited Lecture 27	Gang Zhao (Abbott, USA) <i>Discovery and SAR development of thienopyridones: A class of small molecule AMPK activators</i>
15:00-15:30	Invited Lecture 28	Martin Procter (Prosidion, UK) <i>Design and synthesis of orally bioavailable Glucokinase activators</i>
15:30–16:00	Invited Lecture 29	Hongke Liu (Nanjing Normal University) <i>Interactions of Organometallic Ruthenium Arene anticancer Complexes with DNA</i>

Day 3-October 16–Thursday afternoon

Session 6: Chemistry Application in Pharmaceutical Industry (Hall C)		
Chairman: Hua Marlon, Zhong (Jiangyin PharmaAdvance, Inc.)		
14:00–14:30	Invited Lecture 30	Joseph M. Salvino (Director, Hit to Lead Chemistry, Cephalon, Inc) <i>Practical Approaches toward Lead Finding and Lead Optimization Library Synthesis</i>
14:30 –15:00	Invited Lecture 31	Yonghui Wang (Medicinal Chemistry, Oncology CEDD, GlaxoSmithKline, USA) <i>7TM Receptor Antagonists: Lead Discovery Strategy and Case Studies</i>
15:00-15:30	Invited Lecture 32	Paul (Peng) Guo (President, AstaTech, Inc, USA) <i>Process Technology Commercialization: From Target to Technology Development</i>
15:30–16:00	Invited Lecture 33	Maotang Zhou (Chiral Quest (China), Suzhou Industrial Park) <i>Advances in Asymmetric Hydrogenation: From Innovative Ligands to Commercial Manufacture</i>

16:00–18:00	Visit High-tech Zone	
18:00-22:00	Keynote lecture 1	Chairman: Guo-Qiang Lin (SIOC, CAS & NSFC) Karl Barry Sharpless (Nobel Laureate 2001, Chemistry, The Scripps Research Institute, USA) TBA
		Party in Nanjing High-tech Zone

Day 4- October 17, 2008– Friday Morning**Session 7: Organic Synthesis III (Hall A)**Chairman: **Scott Snyder** (Columbia University)

8:30 –9:00	Invited Lecture 34	Kuiling Ding (SIOC, CAS) <i>Development of highly efficient chiral catalysts for asymmetric reactions: practical synthesis of chiral drug intermediates</i>
9:00-9:30	Invited Lecture 35	Robert Franzen (Tampere University of Technology) <i>Recent advances in the Suzuki cross-coupling reaction of different organoboron derivatives</i>
9:30–10:00	Invited Lecture 36	Wanzhi Chen (Zhejiang Univ.) <i>Highly Efficient Catalysts Supported by Multidentate N-Heterocyclic Carbenes for C-C Coupling Reactions</i>
10:00-10:30	Invited Lecture 37	Chengjian Zhu (Nanjing University) <i>Asymmetric Reactions Catalyzed by Nitrogen-containing Catalysts</i>
10:30–10:50	Coffee Break Speech from Universal Analytical&Testing Instrument Ltd. (15min)	
Chairman: Kunlin Ding (SIOC, CAS)		
10:50-11:20	Invited Lecture 38	Andrei Yudin (University of Toronto) <i>Protecting Group-Free Synthesis of Complex Amines</i>
11:20-11:50	Invited Lecture 39	Feihe Huang (Zhejiang Univ.) <i>Threaded structures based on crown ether derivative hosts</i>
11:50-12:20	Invited Lecture 40	Mark R. Biscoe (MIT) <i>A New Class of Easily Activated Palladium Precatalysts for Facile C=N and C=C “Cross-Coupling Reactions”</i>

Day 4- October 17, 2008– Friday Morning**Session 8: Medicinal Chemistry (Hall B)**Chairman: **Wenqing Yao** (Incyte Co.) / **Robert Cherney** (Bristol-Myers Squibb Co.)

8:30 –9:00	Invited Lecture 41	Gui-Dong Zhu (Abbott Laboratories, USA) <i>ABT-888 and Back Up, Orally Efficacious Inhibitors of Poly(ADP-ribose) Polymerase (PARP) for the Treatment of Cancer</i>
9:00-9:30	Invited Lecture 42	Matthew Bogyo (Stanford Univ.) <i>Small molecule activity based probes for diagnostic imaging and drug discovery applications</i>
9:30–10:00	Invited Lecture 43	Hong Liu (The Novartis Research Foundation, USA) <i>Structure Based Design and Synthesis of Noncovalent Inhibitors of Cathepsin S and Their Applications in Treating Neuropathic Pain</i>
10:00-10:30	Invited Lecture 44	Weizheng (William) Xu (MGI Pharmaceutical, USA) <i>Design, Synthesis and Biological Evaluation of PARP Inhibitors as Chemosensitizers</i>
10:30–10:50	Coffee Break	

Medicinal Chemistry Approaches to Tackling Inflammation Disease		
10:50-11:20	Invited Lecture 45	Li Chen (Hoffmann-La Roche) <i>Discovery of VLA4 Antagonists for the Treatment of Autoimmune Diseases</i>
11:20-11:50	Invited Lecture 46	Robert J. Cherney (Bristol-Myers Squibb, USA) <i>Discovery of Potent CCR2 Antagonists</i>
11:50-12:20	Invited Lecture 47	Yun He (Medical Chemistry Department, Roche R&D Center (China) Ltd) TBA

Day 4- October 17, 2008– Friday Morning

Session 9: Organic Chemistry Process Chemistry (Hall C)		
Chairman: Yaping Hong (Princeton GlobalSynthesis LLC)		
8:30–9:00	Invited Lecture 48	Yannis Houpis (Johnson and Johnson PRD) <i>Carboxylate Directed Pd-Catalyzed Cross Coupling Reactions in the Selective Synthesis of tri-Substituted Aromatics</i>
9:00 –9:30	Invited Lecture 49	Zhi-Hui (Bruce) Lu (Boehringer-Ingelheim Pharmaceuticals) <i>Practical Synthesis Of 2,3-Disubstituted And Polycyclic Indoles</i>
9:30-10:00	Invited Lecture 50	Jurong Yu (Nanjing PharmaTech) <i>My experience of doing Process R&D in China: the Story in Nanjing</i>
10:00-10:30	Invited Lecture 51	Xudong Wei (Boehringer-Ingelheim Pharmaceuticals) <i>Practical large scale synthesis of macrocyclic hcv protease inhibitors</i>
10:30–10:50	Coffee Break	
Chairman: Yannis Houpis (J&J)		
10:50-11:20	Invited Lecture 52	Yaping Hong (Princeton GlobalSynthesis) <i>Development of Highly Efficient Chemical Processes for Pharmaceuticals</i>
11:20-11:50	Invited Lecture 53	Hua Marlon Zhong (Jiangyin PharmaAdvance, Inc.) <i>TBA</i>
11:50-12:20	Invited Lecture 54	Yiming Yao (CEO of EnzMed, Nanjing) <i>Enzymatic synthesis in pharmaceutical development</i>

12:20-14:00	Lunch (Zijin Hall)
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Day 4-October 17–Friday afternoon

Session 10: Organic synthesis III (Huangpu Hall of the Hotel)		
Chairman: Wangzhi Chen (Zhejiang Univ.)		
14:00–14:30	Invited Lecture 55	Zhangjie Shi (Peking Univ.) <i>Transition-Metal Catalyzed C-H Activation</i>
14:30 –15:00	Invited Lecture 56	Lei Liu (Tshinghua Univ.) <i>Chemical synthesis and modification of proteins</i>
15:00-15: 20	Invited Lecture 57	Yuhong Zhang (Zhejiang Univ) <i>Transition metal-catalyzed reactions involving arynes</i>

15:20-15:40	Invited Lecture 58	Yanxing Jia (Peking University) <i>Palladium-catalyzed indole and azaindole syntheses by direct annulation of electron-poor o-chloro-anilines and chloroaminopyridines with aldehydes</i>
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Day 4-October 17-Friday afternoon

Session 11: Medicinal Chemistry (Hall B)		
Chairman: Yun He (Medical Chemistry Department, Roche R&D Center (China) Ltd)		
14:00-14:30	Invited Lecture 59	Renxiang Tan (Nanjing Univ.) <i>Symbionts, a Promising Generator of New Drug-like Molecules</i>
14:30-15:00	Invited Lecture 60	Ya-Qiu Long (Shanghai Institute of Materia Medica, CAS) <i>1,6-Naphthyridine-7-carboxamide templated active compounds: switching from hiv-1 integrase inhibitors to anti-tumor agents</i>
15:00-15:20	Invited Lecture 61	Yao-Chang Xu (Novartis AG) <i>Serotonin antagonist and its application in smoking cessation and anti-depression.</i>
15:20-15:40	Invited Lecture 62	Chin-Kang Sha (National Tsing-Hua University) <i>Total Synthesis of (±)-Ottelione A</i>

Day 4-October 17-Friday afternoon

Session 12: Outsourcing in Chemistry and Drug Development & 3rd Nanjing International Pharmaceutical Research & Cooperation Conference (Hall C)		
Chairman: Yuanzan Ye (Acesys Pharmatech)		
14:00-14:20	Invited Lecture 63	Director of Nanjing High-Tech Zone <i>Introduction on Pharmaceutical industry Nanjing High-Tech Zone</i>
14:20-14:50	Invited Lecture 64	Stanley Wang (Director, Genscript Corporation) <i>Outsourcing Biology for Accelerated Discovery</i>
14:50-15:20	Invited Lecture 65	Dan Liu , VP, Tripod Biopharmaceutical Group <i>The CRO trend and the policy of Tripod Biopharmaceutical Group</i>
15:20-15:50	Invited Lecture 66	Charles Ye (CEO, Acesys Pharmatech) <i>Integrated CRO service in Nanjing</i>

15:40-16:00	Coffee Break
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Day 4-October 17-Friday afternoon

Keynote Lecture: (Huangpu Hall of the Hotel)		
Chairman: Yi Pan (NJU) and Guigen Li (Texas Tech. University)		
16:00-16:50	Keynote Lecture 2	Avram Hershko (Nobel Laureate 2004, Chemistry, Technion-Israel Institute of Technology, Israel) <i>TBA</i>
16:50-17:40	Keynote Lecture 3	Aaron Ciechanover (Nobel Laureate 2004, Chemistry, Technion-Israel Institute of Technology, Israel) <i>TBA</i>
17:40-18:30	Closing Ceremony (Huangpu Hall of the Hotel) Yi Pan and Guigen Li	

19:00-21:00

Farewell Party (Zijin Hall)
Yi Pan, Rao Rapaka, Guo-Qiang Lin

October 18– Saturday
Departure or trip

Note:

Hall A: Room 208, No. 1 Building;

Hall B: Room 301, No. 1 Building;

Hall C: Room 302, No. 1 Building;