

# 2011

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**Frontier of Medical Sciences, Forum 2011**

**The First National Conference on Pharmacogenomics**

**The Founding Conference of Chinese Pharmacogenomics Society**

**The Third International Conference on Pharmacovigilance and Drug Safety**

**Fall Forum of International Biopharmacology and Biotechnique Society**

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Nov 17-18, 2011, Changsha

## Organizer



Division of Medicine and Health, Chinese Academy of Engineering



Chinese Pharmacological Society (CNPHARS)



International Association of Biomedicine & Biotechnology (IABB)

## Operator



Central South University

## Co-organizer



The Chinese University of Hong Kong



BioAsia Life Technology Co., Ltd



Changsha Sanji Bio-Technology Co.,Ltd



Hu nan Er-Kang Pharmaceutical Co.,Ltd

## Venue



Mingcheng International Hotel, Changsha, Hunan

## Dates



17-18, Nov, 2011

## Organizing Committee

### Chairman: Hong-Hao Zhou

- \* Hong-Hao Zhou Member of Chinese Academy of Engineering, Central South University.

### Vice Chairman:

- \* Lin He Member of Chinese Academy of Sciences, Fudan University.
- \* Chao Chen Professor, Northwest University.

### Committee Member: (alphabetical order by last name)

- \* Jing Cheng Member of Chinese Academy of Engineering, Tsinghua University.
- \* Yuan-Tsong Chen Member of Academia Sinica of Taipei, Academia Sinica of Taipei.
- \* Yi-Ming Cui Professor, Peking University First Hospital.
- \* Thomas Chan Professor, the Chinese University of Hong Kong.
- \* Guan-Hua Du President of Chinese Pharmacological Society, Chinese Academy of Medical Sciences.
- \* Jian Ding Member of Chinese Academy of Engineering, Shanghai Institute of Materia Medica, Chinese Academy of Sciences.
- \* Lee Jon Deoon, Edmund Professor, National University of Singapore.
- \* Fu-Chu He Member of Chinese Academy of Sciences, Academy of Military Medical Sciences.
- \* Curtis Klaassen Professor, University of Kansas Medical Center.
- \* Han Lei Professor, Chong Qing Medical University.
- \* Chang-Xiao Liu Member of Chinese Academy of Engineering, Tianjin University of Traditional Chinese Medicine.
- \* Vivian Lee Professor, The Chinese University of Hong Kong.
- \* Hervé Le Louet Professor, The University of Créteil Paris XII.
- \* Vural Ozdemir Associate Professor, McGill University, Canada.
- \* Zhong-Ming Qian Professor, Hong Kong Polytechnic University.



- \* Zhong-Shi Sun Professor, Chinese Hospital Association.
- \* Le-Ming Shi Professor, Fudan University.
- \* Jae-Gook Shin Professor, Inje University.
- \* Sanjeeva Srivastava Associate Professor, Indian Institute of Technology.
- \* Brian Tomlinson Professor, The Chinese University of Hong Kong.
- \* Tao Tong Member of Chinese Academy of Engineering, Chinese Center for Disease Control and Prevention.
- \* Xi-Can Tang Member of Chinese Academy of Engineering, Shanghai Institute of Materia Medica, Chinese Academy of Sciences.
- \* Zhen Wang Director, Ministry of Science and Technology.
- \* Bao-Feng Yang Member of Chinese Academy of Engineering, Haerbin Medical University.
- \* Ying Xia Professor, University of Texas Health Science Center at Houston.
- \* Yong-Su Zeng Member of Chinese Academy of Engineering; Chinese Academy of Medical Sciences.
- \* Bo-Li Zhang Member of Chinese Academy of Engineering, Tianjin University of Traditional Chinese Medicine.
- \* Yuan-Shan Zhu Professor, Cornell University/Central South University.
- \* Xue-Jun Zhang Professor, Anhui Medical University.
- \* Gan Zhou Vice Director, Changsha Municipal Bureau of Science and Technology.

#### **Executive Committee :**

#### **Academic Department**

Wei Zhang Zhao-Qian Liu Jie Liu Lan Fan Ying-Zi Liu

#### **Affaires Department**

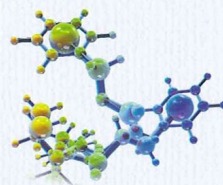
Dong-Sheng Ou-yang Dan Wang Zhi-Cheng Gong Zhi-Rong Tan  
Yao Chen Yi-Cheng Wang Dong-Li Hu

#### **Secretary Department**

Jie Liu Sheng-Lan Tan Yu Cheng Yuan-Fei Huang Cheng-Xian Guo  
Ying Guo Can Wang Xian Jing



# Programs



**Dates: Nov. 17–18, 2011**

**Venue: Mingcheng International Hotel, Changsha, Hunan**

Nov. 17, 2011	
8:30–9:00 Opening Ceremony and Photographs	
Keynotes: Challenge of Genomic Medicine	
Chair: Bao-Feng Yang Co-chair: Chao Chen	
9:00–9:35	Title: Translating Pharmacogenetics and Pharmacogenomics into Personalized Medicine. Prof. Hong-Hao Zhou
9:35–10:10	Title: Thoughts and Strategies for Study of Personalized Medicine. Prof. Lin He
10:10–10:20 Coffee Break	
Session 1: Pharmacogenomics and Drug Safety	
Chair: Brian Tomlinson Co-chair: Le-Ming Shi	
10:20–10:50	Title: Pharmacogenomics of Adverse Drug Reactions: Toward Personalized Medicine Prof. Yuan-Tsong Chen
10:50–11:20	Title: From Pharmacogenetics to Pharmacogenomics Prof. Hervé Le Louet
11:20–11:50	Title: Pharmacogenomics and Drug Safety: What are the Challenges? Prof. Vivian WY Lee
11:50–13:30 Lunch Break	



Session 2: Pharmacogenomics and Personalized Treatment	
Chair: Lin He Co-chair: Thomas Chan	
13:30–14:00	Title: The Pharmacogenetics of Beta-blockers Prof. Brian Tomlinson
14:00–14:30	Title: GWAS and Pharmacogenomics. Prof. Xue-Jun Zhang
14:30–15:00	Title: Personalized Medicine: Genetic and Epigenetic Changes in Drug Processing Genes. Prof. Curtis Klaassen
15:00–15:30	Title: The APOA5 -1131T>C Polymorphism Does not Influence the Lipid Response to Rosuvastatin but is Associated with Baseline Triglyceride Levels in Chinese Hyperlipidaemic Patients Dr. Teresa Miao Hu
15:30–15:40 Coffee Break	
Chair: Yuan-Tsong Chen Co-chair: Vivian WY Lee	
15:40–16:10	Title: Pharmacogenomics as Personalized Medicine: Reality or Myth? Prof. Lee Jon Deoon, Edmund
16:10–16:40	Title: Challenges in Implementing Genomic Medicine: a Hong Kong Perspective Prof. Thomas Y.K.Chan
16:40–17:10	Title: Pharmacogenomics of Antiplatelet Clopidogrel for the Personalized Pharmacotherapy Prof. Jae-Gook Shin
17:10–17:40	Title: Functionalizing Single Nucleotide Polymorphisms and Personalized Medicine Prof. Chao Chen
17:40–18:10	Founding Conference of Chinese Pharmacogenomics Society

<b>Nov. 18, 2011</b>	
Session 3: Pharmacogenomics and Translational Bio-Medicine	
Chair: Xue-Jun Zhang Co-chair: Jae-Gook Shin	
8:30–9:00	Title: Biochip Assisted Personalized Treatment Prof. Jing Cheng
9:00–9:30	Title: Pharmacoproteomics as a Complement to Pharmacogenomics: Systems Level Tools to Assess the Functional Consequences of Genetic Isoforms Prof. Sanjeeva Sivastava
9:30–10:00	Title: Translational Research of Steroids - From Bench to Bedside Prof. Yuan-Shan Zhu
10:00–10:10 Coffee Break	
Chair: Curtis Klaassen Co-chair: Yuan-Shan Zhu	
10:10–10:40	Title: Small RNAs - New Drug Development for Cardiovascular Diseases Prof. Bao-Feng Yang
10:40–11:10	Title: The US FDA-Initiated MAQC Project: Toward Guidelines on Pharmacogenomics Prof. Le-Ming Shi
11:10–11:20 Closing Remarks	
11:20–12:10	Founding Conference of Pharmacogenomics Committee, Pharmaceutical Society of Hunan Province
	Founding Conference of Pharmacogenomics Committee, Medical Society of Hunan Province



## Acknowledgement



中南大学临床药理研究所  
Institute of Clinical Pharmacology, CSU



中南大学  
湘雅医学检验所  
XIANGYA MEDICAL LABORATORY  
CENTRAL SOUTH UNIVERSITY



香港中文大學  
The Chinese University of Hong Kong

 泛亞生命  
泛亞生命科技有限公司  
BioAsia Biosaia Life Technology Co., Ltd



长沙三济生物科技有限公司  
Changsha Sanji Bio-Technology Co., Ltd.



湖南尔康 制药股份有限公司  
HUNAN ER-KANG PHARMACEUTICAL CO., LTD.



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药用辅料工程技术研究中心  
Hunan Engineering Research Center for Pharmaceutical Excipients



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**Organizers:**

Division of Medicine and Health, Chinese Academy of Engineering  
Chinese Pharmacological Society ( CNPHARS )  
International Association of Biomedicine & Biotechnology ( IABB )

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**Operator:**

Central South University