

# The 2<sup>nd</sup> International Qi-Blood Conference

**September 13 RoomA (402)Yifu Building**

**Friday Campus of Peking University Health Science Center**

**14:00-15:30 Symposium 1**

**Cardiac microcirculation dysfunction and TCM**

**Chair**

Yu-XinFeng

Tianjin University of Traditional Chinese Medicine

14:00-14:22 Cardiotonic Pills® Ameliorates Isoproterenol-Induced Heart Failure Implicating  
Modulation of ERK 1/2-STAT 3

Xiao-Hong Wei

Department of Integration of Chinese and Western Medicine, Peking University  
Health Science Center

14:22-14:44 Danlou Tablet®, a Chinese Herb Compound Preparation, Improves Cardiac  
Function and Alleviates Myocardial Apoptosis by Regulating Autophagy in Mice  
After Ischemia- Reperfusion

Lei Wang

Second Affiliated Hospital of Guangzhou University of Chinese Medicine

14:44-15:06 QiShenYiQi Pills attenuates ischemia/reperfusion-induced cardiac microvascular  
hyperpermeability and endothelial damage

Chun-Shui Pan

Tasly Microcirculation Research Center, Peking University Health Science

Microcirculation, Department of Pathophysiology, Southern Medical University

**Chair:** Fan-Yin Meng, Ph.D.

Associate Professor with Tenure, Associate Scientific Director, Indiana Center for Liver Research, Division of Gastroenterology and Hepatology, Department of Medicine, Indiana University School of Medicine, Roudebush VA Medical Center

**16:25-17:00 Plenary Lecture 3**

**Extravascular blood augments the basal tone and myogenic responses of small cerebral arteries: a model of subarachnoid hemorrhage**

**Speaker:** Akos Koller, M.D., Ph.D., D.Sc.

Professor, University of Physical Education, Semmelweis University, New York Medical College

**Chair:** Jing-Yan Han, M.D., Ph.D.

Chairman and Professor, Department of Integration of Chinese and Western Medicine, School of Basic Medical Sciences, Peking University Health Science Center

**17:30-19:30 Opening Reception 3<sup>rd</sup> Floor Yue-Jin Hall**

**September 13 Room B (414) Yifu Building**

**Friday Campus of Peking University Health Science Center**

**14:00-15:30 Symposium 2**

**Diabetic vascular injury, angiogenesis and TCM**

**Chair:** Yin Li

Department of Integration of Chinese and Western Medicine, Peking University Health Science Center

14:00-14:22 Src Plays an Important Role in AGE-induced endothelial angiogenesis

Xia /P505/TJET EMC /P /MCID 120/S

**15:30-15:50**    **Tea Break**

**15:50-16:25**    **Plenary Lecture 2**

**Interstitial stream and PEO-Medicine**

~~Speaker:~~ Dong Han, M.D., Ph.D.

Professor, CAS Center for Excellence in Nanoscience, National Center  
for Nanoscience and Technology

- 10:20-10:55 Plenary Lecture 5**  
**The role of nutrient and microbiome in the mucosal immune system**  
**Speaker:** Toshifumi Hibi, M.D., Ph.D.  
 Director and Professor, Center for Advanced IBD Research and Treatment, Kitasato Institute Hospital, Kitasato University  
**Chair:** Jing-Yan Han, M.D., Ph.D.  
 Professor and Chairman, Department of Integration of Chinese and Western Medicine, School of Basic Medical Sciences, Peking University Health Science Center
- 10:55-11:30 Plenary Lecture 8**  
**Anti-dementia effect of Chotosan, a traditional Chinese and Kampomedicine, and its putative mechanisms involving a linkage between cholinergic and vascular endothelial growth factor (VEGF) systems**  
**Speaker:** Kinzo Matsumoto, Ph.D.  
 Emeritus Professor, Institute of Natural Medicine, University of Toyama  
**Chair:** Ikuo Saiki, D. Med. Sci.  
 Emeritus Professor, Institute of Natural Medicine, University of Toyama
- 11:30-12:05 Plenary Lecture 11**  
**The mechanism for the breaking effect of QiShenYiQi Pills, a Chinese medicine with tonifying Qi activity, on heart failure**  
**Speaker:** Jing-Yan Han, M.D., Ph.D.  
 Professor and Chairman, Department of Integration of Chinese and Western Medicine, School of Basic Medical Sciences, Peking University Health Science Center  
**Chair:** Haruki Yamada, Ph.D.  
 Professor Emeritus of Kitasato University
- 12:05-12:10 Group Photo**                      **Out of 1<sup>st</sup> floor, Yifu Building**
- 13:20-14:30 Poster 4<sup>th</sup> Floor, Yifu Building**  
**Campus of Peking University Health Science Center**
- 14:30-16:00 Joint Meeting of Chinese Japanese Traditional Chinese Medicine:**  
 Clinical Research of Traditional Chinese Medicine  
**Chairs:** Hidekazu Suzuki  
 Tokai University School of Medicine,  
 Ryota Hokari  
 National Defense Medical College
- 14:30-14:52 Action profiles of Traditional Chinese Medicines on Qi-deficiency in Post-Stroke Patients  
 Bo-Ling Qiao  
 Biomedicine Key Laboratory of Shaanxi Province, Northwest University 1D 1TJET EMC18/P A/CID

- Qiao-Ning Yang  
Xiyuan Hospital, China Academy of Chinese Medical Sciences
- 15:14-15:36 -Blood-  
patients with syndrome of qi failing to control blood based on the theory of  
- y
- Xiao-Mei Hu  
Xiyuan Hospital, China Academy of Chinese Medical Sciences
- 15:36-15:58 Shen-Yuan-Dan Capsule Attenuates Atherosclerosis and Foam Cell Formation by  
Enhancing Autophagy and Inhibiting the PI3K/Akt/mTORC1 Signaling Pathway  
Ming-Xue Zhou  
Beijing Hospital of Traditional Chinese Medicine
- 16:00-16:20 Tea Break**
- 16:20-16:55 Plenary Lecture 14**  
**Effect of jumentaihoto (Shi-Quan-Da-Bu-Tang / ) on liver  
metastasis of colon cancer**  
**Speaker:** Ikuo Saiki, D. Med. Sci.  
Emeritus Professor, University of Toyama,  
**Chair:** Takashi Ikejima, Ph.D.  
Professor, Shenyang Pharmaceutical University
- 16:55-17:30 Plenary Lecture 16**  
**Stress and Gastrointestinal Disorders**  
**Speaker:** Hidekazu Suzuki, M.D., Ph.D., FACG, AGAF, RFF  
Professor, Department of Gastroenterology and Hepatology  
Tokai University School of Medicine  
**Chair:** Toshifumi Hibi, M.D., Ph.D.,  
Professor and Director, Center for Advanced IBD Research  
and Treatment, Kitasato Institute Hospital, Kitasato University
- September 14 Saturday Room B (414) Yifu Building  
Campus of Peking University Health Science Center**
- 8:30-10:00 Peking University-University of Hong Kong Joint Forum of Traditional  
Chinese Medicine**  
**Chairs:** Jian-Gang Shen  
School of Chinese Medicine, University of Hong Kong  
Zhi-Zhong Ma  
School of Basic Medical Sciences, Peking University Health Science  
Center
- 8:30-8:52 Marsdeniataenacissima extract promotes gefitinib accumulation in tumor tissues of  
non-small cell lung cancer xenograft mice  
Shu-Yan Han  
Department of Integration of Chinese and Western Medicine, Peking University  
Cancer Hospital & Institute
- 8:52-9:14 Establishment of pharmacological target identification strategy of active

ingredients from TCM and potential application in neuroprotection mechanism study

Ke-Wu Zeng

State Key Laboratory of Natural and Biomimetic Drugs, School of Pharmaceutical Sciences, Peking University

9:14-9:36

How Chinese Medicine contribute to unmet medical needs and new drug discovery

Yi-Bin Feng

School of Chinese Medicine, The University of Hong Kong

9:36-9:58 Role of endothelial CXCR7, a new receptor for chemokine CXCL12, in protecting myocardial infarction through improving vascular homeostasis and cardiac remodeling

Hui-Feng Hao

Department of Integration of Chinese and Western Medicine, Key Laboratory of Carcinogenesis and Translational Research (Ministry of Education, Beijing), Peking University Cancer Hospital & Institute

**10:00-10:20**

**Tea Break**

**10:20-10:55**

**Plenary Lecture 6**

**Angong Niuhuang Pill Improves Neurological Outcome and Reduces hemorrhagic transformation in Ischemic Stroke Rats with Delayed Tissue Plasminogen Activator (t-PA) Treatment**

**Speaker:** Jian-Gang Shen, M.D., Ph.D.

Professor and Associate Director (Research), School of Chinese Medicine, The University of Hong Kong

**Chair:** You Wan, M.D., Ph.D.

Professor and Dean, School of Basic Medical Sciences, Peking University Health Science Center

**10:55-11:30**

**Plenary Lecture 9**

**Yang Xue Qing Nao Wan and Silibinin Capsules, the Two Chinese Medicines, Attenuate Cognitive Impairment in Aged LDLR (+/-) Golden Syrian Hamsters Involving Protection of Blood Brain Barrier**

**Speaker:** Zhi-Zhong Ma, M.D., Ph.D.

Professor, Department of Integration of Chinese and Western Medicine, Peking University Health Science Center

**Chair:** Jian-Gang Shen, M.D., Ph.D.

Professor and Associate Director, School of Chinese Medicine, University of Hong Kong

**11:30-12:05**

**Plenary Lecture 12**

**Endothelium-Derived Semaphorin 3G Regulates Hippocampal Synaptic Structure and Plasticity**

**Speaker:** Feng Han, Ph.D.

Professor and Dean, School of Pharmacy, Nanjing Medical University

**Chair:** Bao-Xue Yang, M.D., Ph.D.

Professor and Deputy Dean, School of Basic Medical Sciences, Peking

University Health Science Center

**14:30-16:00 Peking University- University of Hong Kong Joint Forum of Traditional Chinese Medicine II:**

**Chairs:** Yi-Bin Feng

School of Chinese Medicine, The University of Hong Kong

Shu-Yan Han

Department of Integration of Chinese and Western Medicine, Peking University Cancer Hospital & Institute

14:30-14:52 Herbal medicine formulation Qi-Fu-Yin selectively downregulates inducible nitric oxide synthase (iNOS) via targeting cross-talks between Nrf2/HO-1, NF-

Jian-Hui Rong

School of Chinese Medicine, Li KaShing Faculty of Medicine, The University of Hong Kong

14:52-15:14 A novel signaling complex HIP-55/14-3-3 protect against myocardial infarction  
Zi-Jian Li

Department of Cardiology and Institute of Vascular Medicine, Peking University Third Hospital

15:14-15:36 Potential carcinogenic risk of *Angelica Sinensis* on estrogen receptor-positive breast cancer growth through estrogen receptor induced stemness *in vitro* and *in vivo*  
Jian-Ping Chen

School of Chinese Medicine, The University of Hong Kong

15:36-15:58 Novel Fluorescent Probes for Molecular Imaging of Mitochondrial Reactive Oxygen Species

Dan Yang

Morningside Laboratory for Chemical Biology and Department of Chemistry, The University of Hong Kong

**16:00-16:20 Tea Break**

**16:20-17:30 Peking University- University of Hong Kong Joint Forum of Traditional Chinese Medicine: Young Investigators Forum**

**Chairs:** Jian-Hui Rong

School of Chinese Medicine, Li KaShing Faculty of Medicine,  
The University of Hong Kong

Jian Liu

Department of Integration of Chinese and Western Medicine, Peking University Health Science Center

16:20-16:35 Modulation of Gut Microbiota Mediates Berberine-Induced Expansion of Immunosuppressive Cells and Protection from Alcoholic Liver Diseases  
Sha Li

School of Chinese Medicine, Li KaShing Faculty of Medicine, The University of Hong Kong

16:35-16:50 The Ameliorating Effects of BushenTiaoxue Granules and Kunling Wan on the Endometrial Receptivity Focusing on Vascular Dysfunction in Rat Following Controlled Ovarian Hyperstimulation





- 10:20-10:55**      **Plenary Lecture 7**  
**MicroRNA Regulated Endothelial-Neutrophil Interaction during Chronic Liver Injury**  
**Speaker:** Fan-Yin Meng, Ph.D.  
Associate Professor with Tenure  
Associate Scientific Director, Indiana Center for Liver Research  
Division of Gastroenterology and Hepatology, Department of  
Medicine, Indiana University School of Medicine, Roudebush VA  
Medical Center  
**Chair:** Qiao-Bing Huang, M.D., Ph.D.  
Professor, Guangdong Provincial Key Lab of Shock and  
Microcirculation, Department of Pathophysiology, Southern Medical  
University
- 10:55-11:30**      **Plenary Lecture 10**  
**Oxidative stress and endothelial function: Impact on cardiovascular diseases**  
**Speaker:** Henning Morawietz, Ph.D.  
Professor & Chief, Division of Vascular Endothelium and  
Microcirculation, University of Dresden  
**Chair:** Akos Koller, M.D., Ph.D., D.Sc.  
Professor, University of Physical Education, Semmelweis University,  
New York Medical College
- 11:30-12:05**      **Plenary Lecture 13**  
**Role of lymphocytes migration to intestinal microvessels in health and diseases**  
**Speaker:** Ryota Hokari, M.D., Ph.D.,  
Professor, Second Department of Internal Medicine, National Defense  
Medical College  
**Chair:** Qing Ge

injury

Jing-Jing Zhang

Institute of Chinese MateriaMedica, China Academy of Chinese Medical Sciences

15:14-15:36

Caffeic Acid Inhibits Acute Hyperhomocysteinemia-Induced Leukocyte Rolling and Adhesion in Mouse Cerebral Venules

Hai-Ping Zhao

Department of Physiology and Pathophysiology, School of Basic Medical Sciences, Peking University

15:36-15:58

Combined Use of Emodin and Ginsenoside Rb1 Exerts Synergistic Neuroprotection in Cerebral Ischemia/Reperfusion Rats

Guo-Qing Zheng

Department of Neurology, The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University,

16:00-16:20

**Tea Break**

16:20-16:50

**Plenary Lecture 15**

**The Vascular Internet of Things: A Structured Rationalization of Electromechanical Coupling in the Microcirculation**

**Speaker:**Donald G. Welsh, Ph.D.P7 368 EMIs 9/Lang (en-US)BDC BT1 0 0 1 304.03 477.55 Tm[ 53



**Speaker:** William F. Jackson, Ph.D.

Professor, Pharmacology & Toxicology, Michigan State University

**Chair:** Jing-Yan Han, M.D., Ph.D.

Chairman and Professor, Department of Integration of Chinese and  
Western Medicine, School of Basic Medical Sciences, Peking

University Health Science Center

**September 15 Room B (414) Yifu Building**

**Sunday Campus of Peking University Health Science Center**

**8:30-10:0**

Pharmacology, Schulich School of Medicine and Dentistry, University of Western Ontario

**10:55-11:30**

**Plenary Lecture 21**

**Regulation of angiogenesis by adipose tissue: role of photoactivation**

**Speaker:**Jian-Bo Wu, M.D., Ph.D.

Professor, Drug Discovery Research Center, Southwest Medical University

**Chair:**AkosKoller, M.D., Ph.D., D.Sc.

Professor, University of Physical Education, Semmelweis University, New York Medical College

**11:30-12:05**

**Plenary Lecture 23**

**Selective Protections of Myocardial and Cerebral Ischemia-reperfusion Injury by Ginkgo Flavonol Glycosides or Ginkgolides via Differential Regulation of TWEAK-Fn14 Signaling in Heart and Brain**

**Speaker:** Yan Zhu, Ph.D.

Professor and executive deputy director, Tianjin State Key Laboratory of Modern Chinese Medicine, Tianjin University of Traditional Chinese Medicine, director of R & D Center of Chinese Medicine at Tianjin International Joint Academy of Biomedicine

**Chair:**Henning Morawietz, Ph.D.

Professor & Chief, Division of Vascular Endothelium and Microcirculation, University of Dresden

**September 15 Sunday Room C(408) Yifu Building**

**Campus of Peking University Health Science Center**

**8:30-10:00 Education Lecture 1**

**Effect and mechanism of compound Chinese medicine on myocardial and cerebral ischemia-reperfusion injury**

**Speaker:** Jing-Yan Han, M.D., Ph.D.

Department of Integration of Chinese and Western Medicine, School of Basic Medical Sciences, Peking University Health Science Center

**Chair:**Jia-Dong Wang, Ph.D.

School of Basic Medical Sciences, Peking University Health Science Center

**10:00-10:20Tea Break**

**10:20-10:55 Education Lecture 2**

**Initiate Danhong Injection before or after percutaneous coronary intervention for microvascular obstruction in ST-elevation myocardial infarction (DIRECTION): study protocol for a randomized controlled trial**

**Speaker:** Hong-Cai Shang, M.D., Ph.D.

Dongzhimen hospital, Beijing university of Chinese medicine

**Chair:** Hong-Xu Liu, M.D.,Ph.D.

Beijing Hospital of Traditional Chinese Medicine affiliated to Capital Medical University

**10:55-11:30 Education Lecture 3**

**The whole event chain protection with the method of supplementing qi and pursuing stasis in ischemic heart disease**

**Speaker:** Hong-Xu Liu, M.D., Ph.D.

Beijing Hospital of Traditional Chinese Medicine affiliated to Capital Medical University

**Chair:** Yan Zhang, M.D., Ph.D.

Affiliated Hospital of Liaoning University of Traditional Chinese Medicine

**11:30-12:05 Education Lecture 4**

**A CBF Improving Medicine, YXQN, Counteracts Cognitive Impairment and Pathology in AD Transgenic Mice**

**Speaker:** Xiao-Meng Li, M.D., Ph.D.

The Key Laboratory of Molecular Epigenetics of MOE, Institute of Genetics and Cytology, Northeast Normal University

**Chair:** Ming-Jing Zhao

Dongzhimen Hospital, Beijing University of Chinese Medicine, Beijing

**12:05-12:20 Closing Ceremony**