

## CAAC-MVDS @ ATVB

ATVB|PVD 2017 Scientific Sessions

Arteriosclerosis, Thrombosis and Vascular Biology | Peripheral Vascular Disease

May 4 – 6, 2017 | Hyatt Regency Minneapolis | Minneapolis, Minn.

Metabolic Vascular Disease Symposium (MVDS) was jointly hosted by Chinese American Academy of Cardiology (CAAC) and Chinese Society for Vascular Medicine (CSVM), and co-sponsored by AHA Council on Arteriosclerosis, Thrombosis and Vascular Biology (ATVB). Our goal is to create a wonderful platform for attendees to share their research findings and to build collaborations. Moreover, we want to provide a great opportunity for young scientists to learn from established professors and explore their career paths.

In May 3rd, 2017, we organized MVDS in Hyatt Regency Minneapolis, Minneapolis, MN 55403. Over 150 students, fellows, and scientists from United States, China, and other area of Asia attended the symposium this year. This event included a featured scientific presentation session, a young investigator award (YIA) competition, and a dinner reception of CAAC-CSVM China Night. Six established professors presented their recent findings, followed by a keynote speech from Dr. Jie Du, Professor, Inst. Heart Lung and Blood Vessel Diseases, Beijing Anzhen Hospital. Dr. Du talked about precision medicine, which is currently the most popular field of cardiovascular disease. Afterwards, eight young scientists presented their work in the YIA session. After the symposium, China Night was held with leadership remarks from AHA Council and NIH Scientific Review Officers. At the end, we announced the winners of YIA competition.

We warmly thank all sponsors and attendees. Hope to see you again next year.

Reported by Hangfei Fu

### Metabolic Vascular Disease Symposium

Hosted by Chinese American Academy of Cardiology (CAAC)  
Chinese Society for Vascular Medicine (CSVM)  
Co-Sponsored by AHA Council on Arteriosclerosis, Thrombosis and Vascular Biology (ATVB)  
May 3rd, 2017, Nicollet Ballroom A/B, Level 2, Hyatt Regency Minneapolis | Minneapolis, MN

The lectures are open to all who wish to attend.  
Speakers will bring their presentations file and load it on the laptop in the meeting room.

#### 1:00-4:00pm: Featured Scientific Presentation (20min Q&A/each)

(Chairs: Drs. Shiyu Chen and Hong Chen)

- 1:00pm, Novell functions of K $\beta$  in cardiometabolic disease  
Changcheng Zhou, PhD, Associate Professor, University of Kentucky, Lexington
- 1:20pm, SRSF1 promotes vascular smooth muscle cell proliferation through 133p53/KLF5 pathway  
Chuan Mei Cao, MD, PhD, Professor, Capital Institute of Pediatrics, Beijing
- 1:40pm, Etiology of cerebral cavernous malformation  
Qing Miao, PhD, Associate Professor, Medical College of Wisconsin, Milwaukee
- 2:00pm, Endothelial CXCR7: a novel regulator of vascular homeostasis and cardiac remodeling  
Miao Wang, PhD, Fuwai Hospital, National Center for CVD, CAMS, Beijing
- 2:20pm, LPA, a Matricellular Protein and Vascular Disease  
Mei-Zhen Cui, PhD, Professor, University of Tennessee, Knoxville
- 2:40pm, Innate immune activation and endothelial cell dysfunction in acute Kawasaki disease  
John Shyy, PhD, Professor, University of California, San Diego

#### 3:00-3:30pm: Keynote Speech (Chair: Yabing Chen)

##### Precision Medicine in Cardiovascular Disease

Jie Du, PhD, Professor, Inst. Heart Lung and Blood Vessel Diseases, Beijing Anzhen Hospital

#### 4:00-5:15pm: Young Investigator Abstract Oral Presentation

(Chairs: Drs. Jun Yu and Changcheng Zhou; 5min Q&A/each)

- 4:00pm, Huifeng Hao, Loss of Endothelial E $\alpha$ Prostanoid Receptor exacerbates Wire-injury induced Neointimal Formation
- 4:15pm, Hanrui Zhang, Deep RNA-sequencing uncovers a broad species- and cell-specific lncRNA signature in human macrophage activation
- 4:30pm, Yanbo Fan, Endothelial FGF $\beta$  regulates postischemic angiogenesis via AMPK activation
- 4:45pm, Hangfei Fu, Coronary Thrombus Leukocytes Facilitate Coronary Syndrome Patients Transdifferentiate into Endothelial Cell-like Angiogenic Cells
- 5:00pm, Pu Fang, Hyperhomocysteinemia Potentiates Inflammatory Monocyte Differentiation and Vascular Dysfunction in Type 2 Diabetic Mice
- 5:15pm, Wenquan Hu, Blood Vessels Need Ras Signaling to Maintain Their Structure Integrity
- 5:30pm, Xia Guo, Dock2 Deficiency Mitigates High-fat Diet-induced Obesity by Reducing Lipid Issue Inflammation while Increasing Energy Expenditure
- 5:45pm, Rongxue Wu, A Novel Regulator of Cardiac Endothelial Barrier Integrity in Diabetes

Sponsors: Metronic, Cell Biologics, Biocytogen LLC

### “CAAC-CSVM China Night”

May 3rd, 2017

Great Lakes, Level 2, Hyatt Regency Minneapolis | Minneapolis, MN

Pre-registration required (onsite registration available)

Speakers will bring their presentations file and load it on the laptop in the meeting room.

Dinner 7:00-8:00pm

#### Welcome Speeches 8:00-8:10pm

(Chaired by Drs. Jie Du and Yuqing Chen)

Jie Du, MD, PhD, Vice Chair of CSVM 8:00-8:05pm

Hong Wang, MD, PhD, Research President of CAAC 8:05-8:10pm

#### Opportunity to meet CSR Scientific Review Officers 8:10-8:20pm

Dr. Larry Pinkus from NIH

#### Keynote Speech 8:20-8:50pm

##### Complexities of the Aorta: The Basis for Aneurysms

Alan Daugherty, PhD

ATVB Editor-In-Chief

Past Chair, ATVB Council of AHA

Professor of Medicine and Physiology

#### Leadership Remarks 9:00-9:20pm

Steve Lentz, MD, PhD, Chair of AHA Council on ATVB

Mary Sorci-Thomas, PhD, Vice-Chair, AHA Council on ATVB

Philip S. Tsao, MD, PhD, Chair of 2017 ATVB Scientific Session

Nancy Webb, PhD, Co-Chair of 2017 ATVB Scientific Session

#### Young Investigator Awards 9:10-9:30pm

Chairs: Drs. Jun Yu and Changcheng Zhou

#### Social Networking Planning and Karaoke 9:30-11:00pm



## Dr. Hong Wang's Opening Remarks of 2017 CAAC-CSVM China Night



## Chairs of AHA Council on ATVB: Drs. Steve Lentz and Mary Sorci-Thomas



## Chairs of 2017 ATVB Scientific Session: Drs. Nancy Webb and Philip S. Tsao



## Drs. Jie Du, and Yuqing Chen, Chair of China Night

## Drs. Larry Pinkus (NIH Scientific Review Officer), Yuqing Chen, and Jiliang Zhou



## 2017 CAAC-CSVM China Night Keynote speaker

Dr. Alan Daugherty, ATVB Editor-In-Chief



## 2017 CAAC-CSVM Symposium Keynote Speaker

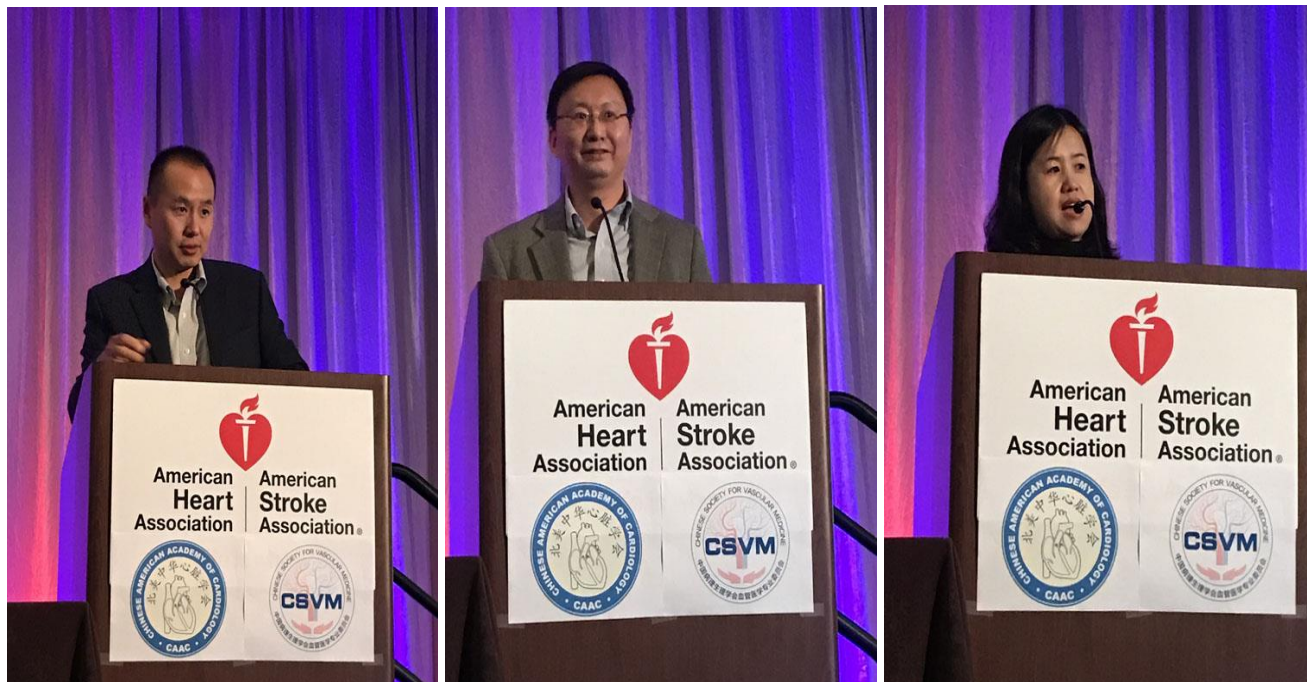
Dr. Jie Du, Vice Chair of CSVM (Chair: Yabing Chen)



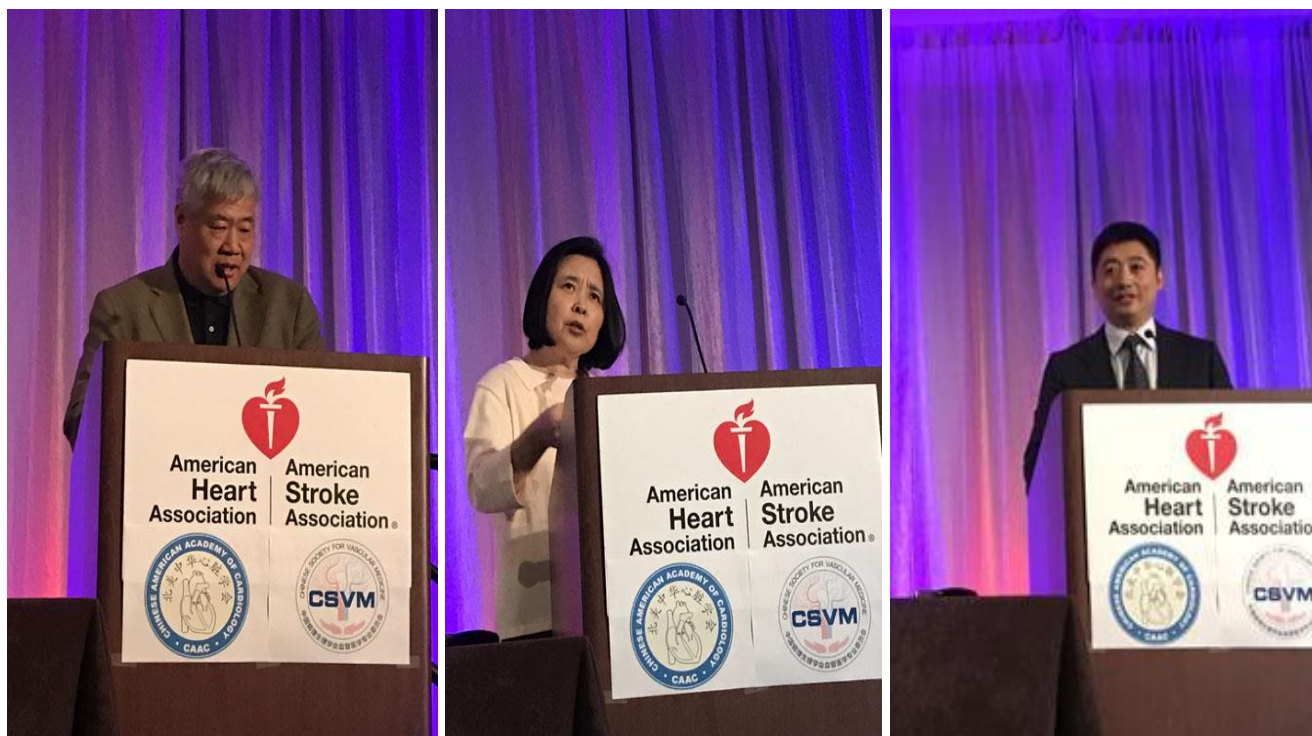


## Featured Scientific Presentation

Drs. Changcheng Zhou, Qing Miao and ChuanMei Cao,

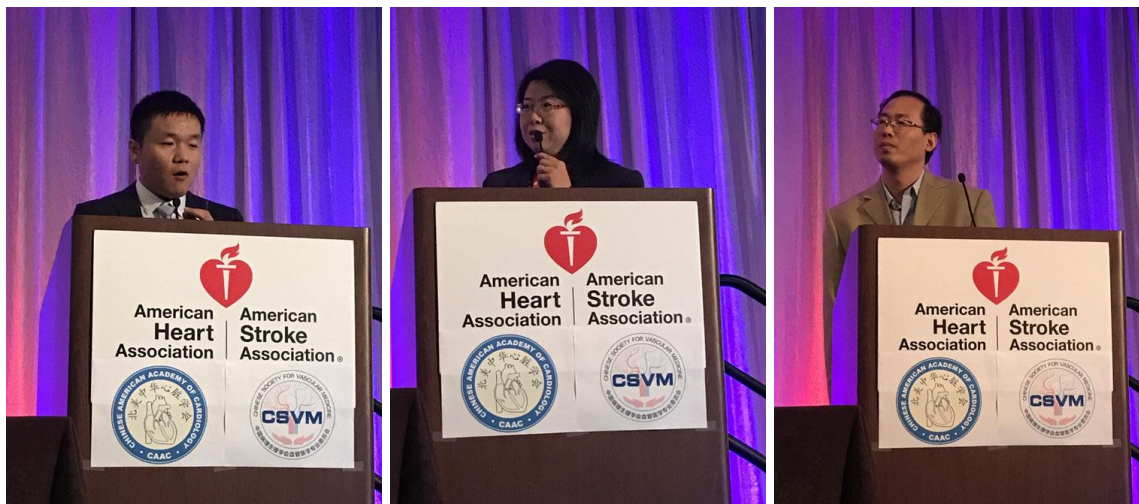


Drs., John Shyy, Mei-Zhen Cui and Miao Wang

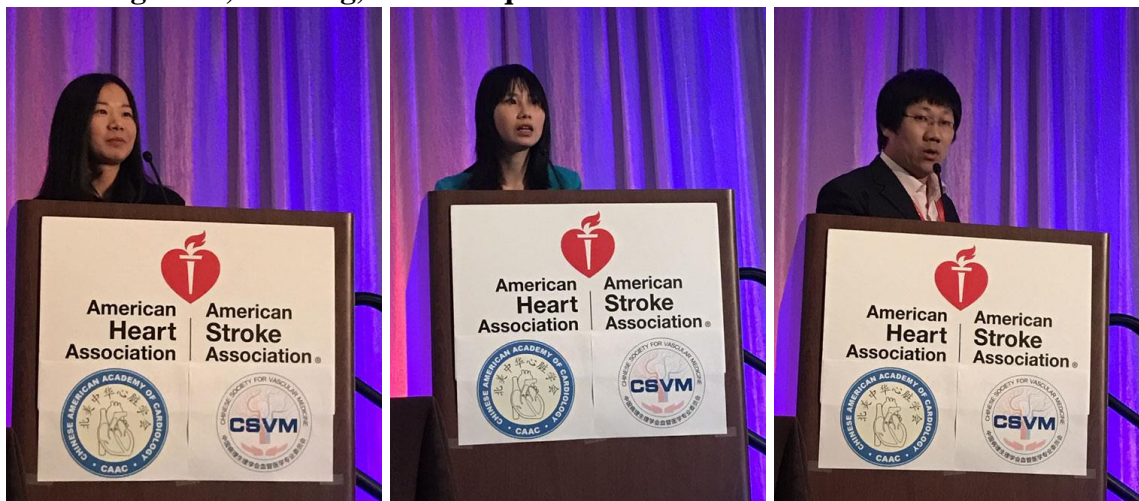


## Young Investigator Abstract Oral Presentation

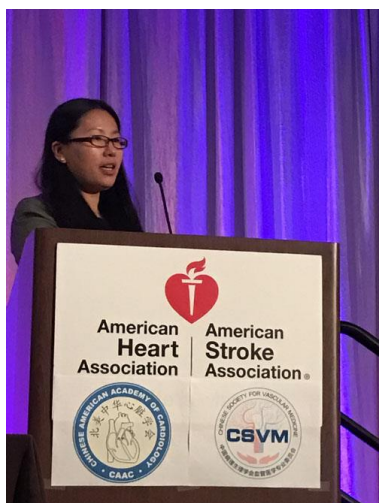
**Drs. Huifeng Hao, Hanrui Zhang, and Yanbo Fan**



**Drs. Hangfei Fu, Pu Fang, and Wenquan Hu**



**Dr. Xia Guo**





**YIA Top Three Presenters: Drs. Rongxue Wu, Hangfei Fu, Yanbo Fan**



**YIA Best Poster Presenter: Candice Johnson,**



## ATVB Special Recognition Award 2017, Dr. Jie Du



Drs. Steve Lentz, Jie Du, and Mary Sorci-Thomas



## PVD Mid-Career Investigator Award, Dr. Qing Miao









