



2026 ACRE VASCULAR SYMPOSIUM

Hosted by the Academy of Cardiovascular Research Excellence (ACRE)

▣ May 13, 2026

🕒 10:00 AM – 5:00 PM

📍 Crossroads Community Center
16000 NE 10th St, Bellevue, WA

★ PROGRAM HIGHLIGHTS

- Career Development Forum
- Networking & Lunch
- Keynote Presentations
- Featured & Distinguished Talks
- Young Investigator Award Competitions
- Leadership Remarks & Awards

● SPEAKERS

Keynote: Cecilia Giachelli
Mark W. Majesky

Distinguished: Naomi Hamburg
Guohao Dai

Featured: Li Amily Guo
Chengcheng Zhu
Nicholas Chavkin
Yanbo Fan

REGISTER



FINAL PROGRAM



Keynote Speaker



Cecilia Giachelli

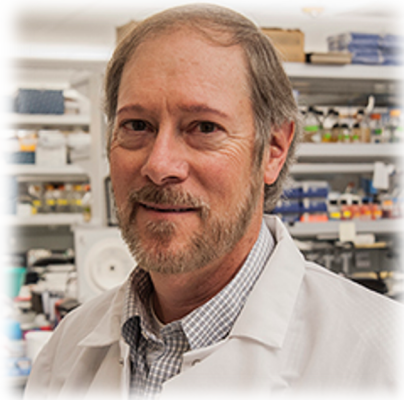
PhD

University of Washington

Dr. Cecilia Giachelli is Professor of Bioengineering, Associate Vice Provost for Research, and the Steven R. and Connie R. Rogel Endowed Professor for Cardiovascular Innovation. She previously served as President of the North American Vascular Biology Organization and has held leadership and advisory roles with the Society for Biomaterials, American Society of Investigative Pathology, and the American Heart Association. She has also served on multiple NIH study sections and as a site reviewer for the NHLBI Board of Scientific Counselors.

Dr. Giachelli is internationally recognized for her research on the molecular mechanisms of biomaterial biocompatibility, ectopic calcification, and phosphate signaling. Her work has identified key regulators of pathological calcification in chronic kidney disease, valvular disease, atherosclerosis, and medical devices. She is an elected Fellow of the American Institute for Medical and Biological Engineering and the Washington State Academy of Sciences, and a recipient of the American Heart Association Established Investigator Award, the Advances in Mineral Metabolism Investigator Award, and the Society for Vascular Surgery Alexander Clowes Award.

Keynote Speaker



Mark W Majesky

PhD

Seattle Children's
Research Institute

Dr. Mark W Majesky is Professor of Pediatrics at the University of Washington and Director of the Myocardial Regeneration Initiative at Seattle Children's Research Institute. His research focuses on the molecular mechanisms governing cardiac and vascular development, with the goal of translating developmental and stem cell biology into regenerative therapies for congenital heart disease and heart failure. He also leads stem cell research efforts at the Seattle Children's Heart Center.

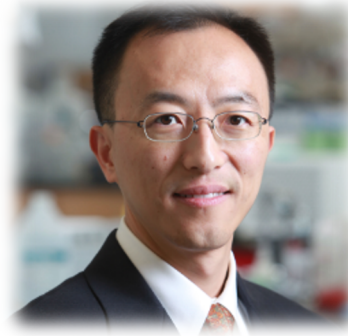
Dr. Majesky is an internationally recognized expert in vascular and stem cell biology. He previously held faculty positions at Baylor College of Medicine and the University of North Carolina at Chapel Hill. He served as President of the North American Vascular Biology Organization (2008–2009) and received the American Heart Association Special Recognition Award in Vascular Biology.

Distinguished Speakers



Naomi M. Hamburg

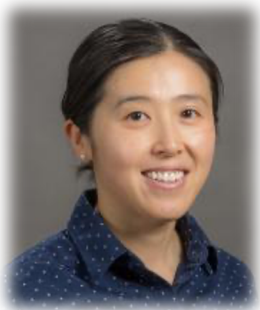
MD, MS
Professor
Boston University



Guohao Dai

PhD
Professor
Northeastern University

Featured Speakers



Li Amily Guo

MD, PhD
Assistant Professor
Bloodworks and
University of
Washington



Nicholas Chavkin

PhD
Assistant Professor
Seattle Children's
Research Institute and
University of Washington



Chengcheng Zhu

PhD
Associate Professor
University of Washington



Yanbo Fan

MD, PhD
Associate Professor
The Ohio State
University

Program at a Glance:

10:00 -11:00 AM	Registration	Career development Forum
11:00 -11:10 AM		Sponsor presentations
11:10- 12:00 PM		Lunch
12:00 -12:15 PM	Opening Remarks & ACRE Reports	
12:15 -12:45 PM	Keynote Presentation I (25 min talk + 5 min discussion)	
12:45 - 1:45 PM	Featured Presentations (12 min talk + 3 min discussion)	
1:45 - 2:00 PM	Break	
2:00 - 3:00 PM	YIA Presentations (7 min talk + 3 min discussion)	
3:00 - 3:40 PM	Distinguished Presentations (15 min talk + 5 min discussion)	
3:40 - 4:10 PM	Keynote Presentation II (25 min talk + 5 min discussion)	
4:10 - 5:00 PM	Leadership Remarks (15 min), Award Presentations (20 min), Closing Remarks (15 min)	

10:00 -11:00 AM Registration and Career Development Forum

Moderator: Jingyan Han

Panelists: Drs. Larry Pinkus, Kathleen Martin, Xiaofeng Yang, Naomi Hamburg

10:00 -11:00 AM Panel Discussion

11:00 -11:10 AM Registration and Sponsor Presentations

Moderator: Jiliang Zhou

11:00 -11:05 PM **Ming Chen**, Shibeikang

Shibeikang's Current R&D Pipeline: Key Candidates and Development Status

11:05 -11:10 PM **"Gavin" Guanyang Zhang**, Novoprotein Scientific Inc

Novoprotein's solutions for 3D tissues and organoids

11:10 AM -12:00 Registration and Lunch

11:10 -12:00 PM Lunch

12:00-12:15 PM Opening Remarks & ACRE Reports

12:00-12:05 PM Opening Remarks

Zhao Wang /Hong Chen, President/President-Elect, the ACRE

12:05-12:10 PM Membership Report

Xiaochun Long, Co-Chair, Membership Committee, the ACRE

12:10-12:15 PM Financial Report

Jun Yu, General Secretary, the ACRE

12:15 -12:45 PM Keynote Presentation I

Moderator: Yabing Chen

12:15 -12:45 PM **Cecilia Giachelli**, PhD, University of Washington

Current Concepts in Cardiovascular Calcification

12:45-1:45 PM **Featured Presentations****Moderators:** **Yanming Li, Li Amily Guo**12:45-1:00 PM **Nicholas Chavkin**, PhD, Seattle Children's Research Institute and University of Washington
*Cardiac Endothelial Cell Fate Dynamics during Myocardial Remodeling*1:00-1:15 PM **Chengcheng Zhu**, PhD, University of Washington
*Clinical Applications of Intracranial Vessel Wall Imaging*1:15-1:30 PM **Li Amily Guo**, PhD, Bloodworks and University of Washington
*Platelet-CD8+ T cell interactions in Thromboinflammation*1:30-1:45 PM **Yanbo Fan**, MD, PhD, The Ohio State University
*Endothelial TFEF regulates the Cardiac Stress Response to Doxorubicin***1:45-2:00 PM** **Coffee Break****2:00-3:00 PM** **Session YIA Presentations****Moderators:** **Xu Xiao, Xiangqin He**2:00-2:10 PM **Nestor Ishimwe**, Augusta University
*An Unexpected MYOCD-Driven Constraint on VSMC Adaptive States Promotes Aortic Aneurysm*2:10-2:20 PM **Ming He**, The University of Alabama at Birmingham
*A Novel Mechanosensitive Histone Modification Promotes Endothelial Dysfunction and Atherogenesis*2:20-2:30 PM **Hanqiu Zhao**, Washington University in Saint Louis
*A Single-Cell and Spatial Transcriptomic Atlas of Human Pulmonary Arterial Hypertension*2:30-2:40 PM **Yong Sun**, PhD Candidate, Oregon Health & Science University
*Cyclic Dinucleotide Metabolites Inhibit Vascular Calcification via a STING–IFN β Program*2:40-2:50 PM **Wenbin Tan**, University of South Carolina
*Single-vessel transcriptome map pathological landscapes and reveal NR2F2-mediated smooth muscle cell phenotype acquisition*2:50-3:00 PM **Esteban Delgado**, Temple University
*The functional roles of TGF-beta signaling on cardiac lymphangiogenesis during myocardial ischemia***3:00-3:40 PM** **Distinguished Presentations****Moderators:** **Xiaofeng Yang, Yun Fang**3:00-3:20 PM **Naomi Hamburg**, MD, Boston University School of Medicine
*Insights into cardiometabolic risk from the human endothelium*3:20-3:40 PM **Guohao Dai**, PhD, Department of Bioengineering, Northeastern University
*Arterial Venous Differentiation in Vascular Health and Diseases***3:40 - 4:10 PM** **Keynote Presentation II**

Moderator: Jiliang Zhou
 3:40- 4:10 PM **Mark W Majesky**, PhD, Seattle Children's Research Institute
Looking at a Bigger Picture in Vascular Biology

4:10 - 5:00 PM Leadership Remarks, Award Presentations, and Closing Remarks

4:10-4:25 PM **AHA Leadership Remarks:**
 Drs. Katey Rayner, Peter K. Henke, Isabella Grumbach, Kathleen Martin, Joseph C. Wu
 (Moderators: Hong Chen, Changchen Zhou)

4:25-4:45 PM **Award and Certificate Presentations**

- Keynote speakers, distinguished speakers, featured speakers:
 - **Zhao Wang**, President
- YIA:
 - **Hong Lu**, Chair of Education/Award Committee
- Travel Awardees:
 - Qian Ma (Baylor College of Medicine)
 - Sabrina Robichaud (Augusta University)
 - Sijie Tang (University of California, Riverside)
 - Erandi Velazquez-Miranda (Oregon Health & Science University)
 - Ting-Yun Wang (Arizona State University)
 - Dien Ye (University of Kentucky)
 - Jiahui Zhao (Mayo Clinic)
 - Liyuan Zhu (University of Kentucky)
 - Zhehao Zhu (Oregon Health & Science University)
 - Xuejian Yang (Peking Union Medical College)

4:45 - 5:00 PM **Closing Remarks**
 Changcheng Zhou, Vascular Council Chair, the ACRE

2026 ACRE Vascular Symposium Organizing Committee

Co-Chairs: Hong Chen, Zhao Wang, Changcheng Zhou
Organizing taskforce: Amily Guo, Jingyan Han, Guang Li, Yanming Li, Ying Shen, Kevin Xiang
Organizing Committee: Amily Guo, Wei Guo, Jingyan Han, Na Li, Xiaochun Long, Hong Lu, Li Qian, Xu Xiao, Ying Shen, Yajing Wang, Kevin Xiang, Liya Yin, Jun Yu, Hanrui Zhang, Jiliang Zhou
Abstract Reviewers: Xiao Li, Bowen Wang, Weijia Luo
YIA Judges: Yun Fang, Jifeng Zhang, Jiliang Zhou

Acknowledgement (Local Host and Sponsors)

Local Host: Li Amily Guo, University of Washington

Sponsors:

**Chengdu Shibeikang Biomedical
Technology Co., Ltd.**
<https://www.sbkswyy.cn>



Chengdu Shibeikang Biomedical Technology Co., Ltd. was established in 2015. As a China-based, globally oriented research and development company, it specializes in differentiated innovation of new drugs. With a primary focus on disease areas such as cardiovascular and cerebrovascular systems, and respiratory systems, the Company is committed to becoming a world-class leader in the differentiated innovation of new drugs.

novoprotein

PROTEIN EXPRESSION mRNA-LNP ANTIBODY DISCOVERY
CYTOKINES & GROWTH FACTORS 3000 PROTEINS ENZYMES



Founded in 2009 by Dr. Huaxing Zhu, Novoprotein advances biomedical innovation through a comprehensive suite of protein technologies — including 3,000+ protein products, mRNA-LNP services, antibody discovery services, and GMP production. Novoprotein's extensive portfolio supports organoid and 3D tissue research with cytokines, growth factors, extracellular matrix, and serum-free growth media. Contact: Gavin Zhang, PhD — info@novoprotein.us | 833-668-6108

**FUJIFILM
VISUALSONICS**

FUJIFILM VisualSonics, Inc
<https://www.visualsonics.com>

FUJIFILM VisualSonics is the undisputed world leader in real-time, *in vivo*, high-resolution imaging systems, providing cutting-edge, multi-modal solutions for both clinical and preclinical research. Our platforms combine high-resolution ultrasound and photoacoustic imaging at a reasonable cost, with ease of use and quantifiable results.