THE 11th SCIENTIFIC MEETING OF ASVB

11 – 14 June 2026 • Singapore • NUS MD11 Auditorium

Conference Schedule

June 11, 2026 (Thursday)

All Day	Arrival

June 12, 2026 (Friday)

9:00-12:00	NUS Campus Visit
15:00-18:00	**Registration (NUS MD11 Auditorium) / Visit**
15:00-16:00	NUS Yong Loo Lin School of Medicine Visit
16:00-17:00	NUS Pharmacology Department Visit Venue: MD3 Level 4, general office meeting room
17:00-18:00	Council Meeting Venue: MD3 Level 4, general office meeting room

June 13, 2026 (Saturday) — Day 1, NUS MD11 Auditorium

Opening Ceremony

> Chair: Susan W.S. Leung

8:30-8:35 Opening Remarks
Jinsong Bian • ASVB President
Southern University of Science and Technology

8:35-8:40 Group Photo

Paul M. Vanhoutte Memorial Lecture

> Chair: Jinsong Bian

8:40-9:10 Vascular Remodeling Signals：Receptors from Membrane to Nucleus
Nanping Wang • China
East China Normal University

Section I (12min + 3min QA/15min + 5min QA)

> Chairs: Yi Zhu, Nanping Wang

9:10-9:30 Innate Immunity and Vascular Injury
Alex FY Chen • **China**
Xinhua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine

9:30-9:50 Vascular Inflammaging in Infectious Diseases and Cancer
Kyoko Hida • **Japan**
Hokkaido University

9:50-10:05 3D Genome Regulation in Cardiovascular Disease
Yuliang Feng • **China**
Southern University of Science and Technology

10:05-10:25 Break / Poster Presentation

> Chairs: Shigetomo Fukuhara, Wing Tak Jack Wong

10:25-10:45 Seeing Disease as It Happens In Vivo: The Power of Intravital Microscopy
Pilhan Kim • **Korea**
Korea Advanced Institute of Science and Technology

10:45-11:05 Dll4 Signaling for Cerebrospinal Vascular Homeostasis
Injune Kim • **Korea**
Korea Advanced Institute of Science and Technology

11:05-11:25 GlycoMedines: A Spoonful of Sugar Helps the Medicine Go Down
Peng George Wang • **China**
Southern University of Science and Technology

11:25-11:45 Matrix Metalloproteinase-7 Contributes to Endothelial Dysfunction in Atherosclerosis
Susan W.S. Leung • **Hong Kong, China**
University of Hong Kong

11:45-12:00 Transcriptional Regulation of Heart Development
Yangpo Cao • **China**
Southern University of Science and Technology

12:00-14:00 Lunch / Poster Presentation (Venue: NUS MD11 Auditorium)

Section II (12min + 3min QA/15min + 5min QA)

> Chairs: Suowen Xu, Li Wang

14:00-14:20 Vascular Protection Through AGE – RAGE Modulation: Evidence from Lignosus rhinocerus Supplementation in High-Fat Diet-Induced Obese Mice
Dharmani Devi Murugan • **Malaysia**
University Malaya

14:20-14:40 Co-administration of CCL5 with Plerixafor and GRO β Enhances Hematopoietic Stem Cell Mobilization by Modulating Bone Marrow Endothelial Remodeling
Dongjun Lee • **Korea**
Pusan National University School of Medicine

14:40-15:00 Age-associated Erosion of Organ-specific Endothelial Programs Compromises Tissue Function and Resilience
Shigetomo Fukuhara • **Japan**
Nippon Medical School

15:00-15:20 Amelioration of Obesity-induced Vascular Dysfunction by Marine Peptides
Wai San Cheang • **Macau, China**
University of Macau

15:20-15:40 Mitochondrial Therapy Reverses Pro-inflammatory Exosome Signaling to Restore Vascular Endothelial Function
Chia-Ching (Josh) Wu • **Taiwan, China**
National Cheng Kung University

15:40-16:00	**Break / Poster Presentation**
>	Chairs: Wai San Cheang, Yangpo Cao
16:00-16:20	Sam68: A Versatile and Context-Dependent Metabolic Regulator **Gangjian Qin • China** Southern University of Science and Technology
16:20-16:35	The Multifaceted Roles of PD-L1 in Metabolic Syndromes **Wing Tak Jack Wong • Hong Kong, China** The Chinese University of Hong Kong
16:35-16:50	Endothelial Inflammation and Atherosclerosis: From Mechanism to Therapies **Suowen Xu • China** University of Science and Technology of China
16:50-17:05	From Mechanotransduction to Drug Discovery **Li Wang • Hong Kong, China** City University of Hong Kong
17:05-17:20	Effects and Mechanisms of Angiopoietin-like 4, a Blood Vessel Regulator, in Immune Responses and Fibrosis Development **Liang Li • China** Southern University of Science and Technology
17:20-17:35	Macrophage and Inflammation Resolution in AAA **Haocheng Lu • China** Southern University of Science and Technology
18:00-20:00	**Dinner | Venue: Imperial Restaurant (Bus pickup point at 18:00, NUS MD11 Auditorium)**

June 14, 2026 (Sunday) — Day 2, NUS MD11 Auditorium

Section III (12min + 3min QA/15min + 5min QA)

>	Chairs: Gangjian Qin, Xiaowei Nie, Shuang Wang
8:30-8:50	Mechanism Based Therapies for Cardiometabolic Diseases **Yibing Wang • Singapore** Duke-NUS Medical School
8:50-9:10	Lifelong Exercise Attenuates Age-Related Vascular Stiffness Independent of Blood Pressure. A Potential Role for Perivascular Adipose Tissue? **Maik Gollasch • Germany** University Medicine Greifswald
9:10-9:30	Liver – Vascular – Immune Axis in Metabolic Liver Disease – Associated Vasculopathy **Christine Cheung • Singapore** Nanyang Technological University
9:30-9:45	Non-classical Role of Hepatic Transcriptional Factor ChREBP in Cardiac Remodeling **Shuang Zhang • China** Hefei University of Technology
9:45-10:00	Mitochondria-mediated Integrated Stress Response in Endothelial Dysfunction and Atherosclerosis **Xiaoyu Tian • Hong Kong, China** The Chinese University of Hong Kong
10:00-10:20	**Break / Poster Presentation**
>	Chairs: Maik Gollasch, Haocheng Lu

10:20-10:40	Unveiling the Role of Mitochondrial Energy Metabolism in Regulating Blood-Brain Barrier Integrity **Jun Young Heo • Korea** ChungNam National University
10:40-10:55	Functional Heterogeneity of Dopamine Responses in Human Intrarenal Arteries **Yahan Liu • China** Peking University
10:55-11:10	The Chemokine CCL17 is a Novel Therapeutic Target for Cardiovascular Aging and Aging-related Disease **Yang Zhang • China** Zhongshan Hospital Fudan University
11:10-11:25	Endothelial and Smooth Muscle Cell Dysfunction in Vascular Diseases: From Molecular Mechanisms to Therapeutic Targets **Shanshan Luo • China** Nanjing Medical University
11:25-11:40	Phenotypic Switching of Vascular Smooth Muscle Cells and Aortic Dissection **Tingting Zhang • China** The Eighth Affiliated Hospital of Sun Yat-sen University

Closing Ceremony

> Chair: Haocheng Lu

11:40-11:50	Awards Presentation
11:50-12:00	Closing Remarks **Nanping Wang • China** East China Normal University
12:00-14:00	**Lunch | Venue: NUS MD11 Auditorium**

Young Scholar Forum

June 13, 2026 (Saturday), NUS MD6-02-02A

> Judges: Christine Cheung, Injune Kim, Haocheng Lu, Yang Yang

(12min + 3min QA)

14:15-14:30	Viral Hepatitis Established an ANGPTL4-centred Inflammatory-vascular Niche Linked to Hepatocellular Cancerization **Shumin Liao • China** Southern University of Science and Technology
14:30-14:45	In Vivo Longitudinal Imaging of the Choroid Plexus Vasculature Using a Cranial Imaging **Kyu Suk Cho • Korea** Korea Advanced Institute of Science and Technology
14:45-15:00	Endogenous NO Generation and Vascular Homeostasis via the Nitrate-Sialin2-Endosomal PI3K-AKT-eNOS Pathway **Xiaoyu Li • China**

	Capital Medical University
15:00-15:15	KLF13 Regulates Large Vessel Aging by Maintaining Endothelial Homeostasis **Liyuan Huang • China** The Fifth Affiliated Hospital of Sun Yat-sen University
15:15-15:30	Identification of TBK1 as a Driver of EndMT in Atherogenesis with Proteomics and Single-Cell Transcriptomics **Yujie Pu • Hong Kong, China** City University of Hong Kong Shenzhen Research Institute
15:30-15:45	PLK4 Promotes Hypoxia-Induced Pulmonary Hypertension by Accelerating Smooth Muscle Cell Mitosis **Lixin Huang • China** Southern University of Science and Technology
15:45-16:00	**Break / Poster Presentation**
>	Judges: Pilhan Kim, Susan W.S. Leung, Lian He, Yijin Wang, Mo Chen
16:00-16:15	TXNDC5 Governs Extracellular Matrix Homeostasis in Pulmonary Hypertension **Zhen Chen • China** Southern University of Science and Technology
16:15-16:30	RNA 8-Oxoguanine Modification: A Novel Therapeutic Target and Biomarker in Pulmonary Hypertension **Junting Zhang • China** Southern University of Science and Technology
16:30-16:45	Deciphering the Mechanistic Underpinnings of Hepatitis E Severity: a Tale of T Cell Exhaustion and Maladaptive cDC2 Activation at Single-cell Resolution **Xiaoman Liu • China** Southern University of Science and Technology
16:45-17:00	Bioorthogonal Profiling of Hepatocyte-derived Small Extracellular Vesicles Identifies MAN1A1 as a Target for Capture from Plasma **Chaoshan Han • China** Southern University of Science and Technology
17:00-17:15	Sam68 Limits Glucose Oxidation to Exacerbate Cardiac Hypertrophy and Failure **Junqing An • China** Southern University of Science and Technology
17:15-17:30	A Calcium-Complexed Nanonetwork Remodels Tumor Vasculature and Physically Encapsulates Tumors to Inhibit Invasion and Distant Metastasis **Mingyuan Li • China** University of Chinese Academy of Sciences