

第三屆

台灣循環研究學會國際研討會 暨

史丹佛-台灣幹細胞與再生醫學新知研討會

3rd Annual Meeting of
Taiwan Circulation Research Society (TCRS)
2026 Stanford-Taiwan Symposium on
Stem Cells and Regenerative Medicine

2026 中研院生醫所
B1C Hall IBMS, Academia Sinica

3/13 (Fri.) Keynote Speakers



Dr. Dale Abel
UCLA
NAM Member



Dr. Zolt Arany
U Penn
NAM Member



Dr. Edward Yeh
U Arkansas
AS Academician

3/14 (Sat.) Keynote Speakers



Dr. Joseph Wu
Stanford U
NAM Member, AS Academician



Dr. Hiroshi Ohno
Riken, Yokohama
Deputy Director



Dr. Cheryl Anderson
UCSD
NAM Member

Editors



Dr. Vesna Todorovic
Editor-in-Chief
Nature CVR



Dr. Tomasz Guzik
Editor-in-Chief
Cardiovascular Research



Dr. Francis Miller
Interim Editor-in-Chief
Circulation Research

Speakers



Dr. Gabriele Schiattarella
Charite U Medical Center, Berlin



Dr. Martin Young
U Alabama, Birmingham



Dr. Jing-Wei Xiong
Nanchang U



Dr. Joy Wu
Stanford U



Dr. Ronglih Liao
Stanford U



Dr. Wei Chen
陳緯 AS-GRC, Taipei



Dr. Chi-Ting Su
蘇祺婷 NTU, Taipei



Dr. Jay Zhang
U Alabama, Birmingham



Dr. Hossein Ardehali
U Arizona



Dr. Long-Sheng Song
U Iowa



Dr. Yuh-Shan Jou
周玉山 AS-IBMS, Taipei



Dr. Sumanth Prabhu
Washington U, St. Louis



Dr. Yen-Chun Ho
何彥君 AS-IBMS, Taipei



Dr. Yuan-Yuan Cheng
鄭媛元 TMU, Taipei



Dr. Sean Wu
Stanford U



Dr. Johannes Backs
U Heidelberg



Dr. Tzung Hsiai
UCLA



Dr. Alex Chen
Xinhua Hospital, Shanghai



Dr. Maria Kontaridis
Masonic Med. Res. Inst.,
New York



Dr. Christine Mummery
Leiden U



Dr. Rong Tian
U Washington, Seattle



Dr. Barry London
U Iowa



Dr. Philip S. Tsao
Stanford U



Dr. Chih-Yu Yang
楊智宇 VGHTPE, Taipei



Dr. Stephen Chang
Stanford U



Dr. Sean Gibbons
ISB, Seattle



Dr. Changcheng Zhou
UC Riverside



Dr. Gangjian Qin
SUSTech, Shenzhen



2026/01/30
Abstract deadline

2026/02/27
Registration deadline

主辦單位：台灣循環研究學會 (TCRS)

共同主辦：中央研究院生物醫學科學研究所 (IBMS),
國家衛生研究院 (NHRI), 中央研究院基因體中心 (GRC),
國立陽明交通大學智慧型藥物與智能生物裝置研究中心 (IDS2B)

合辦單位：國科會人類疾病誘導型多潛能幹細胞服務聯盟 (NSTC iPSC Consortium),
國科會HLA超級捐贈者iPSC幹細胞於精準再生醫學之應用計畫 (NSTC PRM),
財團法人成大研究發展基金會 (NCKU R&D Foundation)

協辦單位：中央研究院生醫轉譯研究中心 (BioTReC), 台大醫院尖端醫療發展中心 (NTUH CFM)

會議學分申請中

台灣醫學會
外科醫學會
內科醫學會
中華民國心臟學會
腎臟醫學會
中華民國內分泌暨糖尿病學會
台灣胸腔及心臟血管外科學會

3rd Annual Meeting of Taiwan Circulation Research Society (TCRS)

2026 Stanford-Taiwan Symposium on Stem Cells & Regenerative Medicine

第三屆台灣循環研究學會國際研討會 暨 史丹佛-台灣幹細胞與再生醫學新知研討會

March 13-14 (Fri-Sat), 2026, B1C Hall, IBMS, Academia Sinica, Taipei, Taiwan



2025.3.13 Morning

07:30-08:20	Registration
08:20-8:30	Welcome & Opening Dr. Huey-Kang Sytwu 司徒惠康 院士 (NHRI President, Stanford alumnus, AS Academician) Dr. Yijuang Chern 陳儀莊 所長 (IBMS Director) Dr. Joseph Wu 吳慶明 院士 (Stanford-CVI Director, US NAM Member) Dr. Patrick Hsieh 謝清河 理事長 (TCRS President)
Session 1 Chairs: Bon-chu Chung 鍾邦柱, Huey-Kang Sytwu 司徒惠康, Shih-Lei Lai 賴時磊	
08:30-08:50	Gabriele Schiattarella (Charite U Medical Center, Berlin) Metabolic mechanisms of interorgan crosstalk in HFpEF: From pathogenesis to therapeutic opportunities
08:50-09:10	Martin Young (U Alabama, Birmingham) Adaptation of the maternal heart to pregnancy: There is so much more to learn
09:10-09:30	Jing-Wei Xiong (Nanchang U, Nanchang) Using chemical biology to approach heart regeneration
09:30-10:00	Dale Abel (UCLA; NAM Member) Heart failure in diabetes – Roles of insulin resistance and mitochondrial dysfunction
10:00-10:30	Group Photo, Networking & Coffee Break
Session 2 Chairs: Jeng-Jiann Chiu 裘正健, David Lundy, Tai-Ming Ko 柯泰名	
10:30-10:50	Tomasz Guzik (U Edinburgh; Editor-in-Chief, Cardiovascular Research) Beyond the obvious: Insights into hypertension mechanisms and therapeutic targets for vascular and cardiac repair
10:50-11:10	Joy Wu (Stanford) Crosstalk between the circulatory system and the skeleton
11:10-11:30	Ronglih Liao (Stanford) TBA
11:30-11:45	Wei Chen 陳緯 (GRC/AS, Taipei) Biomaterials-Enabled Engineering of Lesional Macrophages in Atherosclerotic Cardiovascular Disease Therapy
11:45-12:00	Chi-Ting Su 蘇祺婷 (NTU, Taipei) TBP4 and the mitochondrial-vascular axis in AKI and CKD
12:00-12:15	Stephan Chang (Stanford) A new genetic model organism for primate cardiovascular research

2025.3.13 Afternoon

12:15-13:30	Lunch TCRS General Member Meeting (B1C) Lunch Symposium by Diamond Sponsors (B1A)
Session 3 Chairs: Chih-Hao Lee 李志浩, Ruey-Bing Yang 楊瑞彬, Ling Wang 王寧	
13:30-14:00	Zoltan Arany (U Penn, Philadelphia; NAM Member) Insights into how SGLT2 inhibitors protect against heart failure
14:00-14:20	Jay Zhang (U Alabama, Birmingham) Transcriptomics, chromatin structure, and modRNA in mammalian hearts regeneration
14:20-14:40	Hossein Ardehali (U Arizona, Tucson) Role of iron in cardiovascular disease
14:40-15:00	Long-Sheng Song (U Iowa, Iowa City) Multifaceted functions of Juncctophilin-2 in the heart
15:00-15:20	Yuh-Shan Jou 周玉山 (IBMS/AS, Taipei) TBA
15:20-16:00	Poster Session-I
Session 4 Chairs: Patrick Hsieh 謝清河, Su-Yi Tsai 蔡素宜, Wen-Pin Chen 陳文彬	
16:00-16:30	Edward Yeh 葉篤行 院士 (U Arkansas; AS Academician) Doxorubicin-induced cardiotoxicity: Mechanism and prevention
16:30-16:50	Sumanth Prabhu (Washington U, St. Louis) Alternatively activated macrophages drive parainflammation in heart failure
16:50-17:10	Francis Miller (Vanderbilt U, Nashville; Interim Editor of Circulation Research) A Role of Extracellular Histones in Sepsis-induced Cardiomyopathy.
17:10-17:25	Yen-Chun Ho 何彥君 (IBMS/AS, Taipei) Mechanistic regulation of cardiac valve ECM by developmental genes of the vascular valve
17:25-17:40	Yuan-Yuan Cheng 鄭媛元 (TMU, Taipei) Cardiomyocyte Reprogramming for Heart Regeneration

2025.3.14 Morning

07:30-08:00	Registration
Session 5 Chairs: Hung-I Yeh 葉宏一, Ching-Feng Cheng 鄭敬楓, Yu-Feng Hu 胡瑜峰	
08:00-08:20	Sean Wu (Stanford) Leveraging developmental mechanisms to engineer cardiac regeneration
08:20-08:40	Johannes Backs (U Heidelberg) TBA
08:40-09:00	Tzung Hsiai (UCLA) Light-field imaging to uncover a continuum of mechanotransduction for vascular resilience
09:00-09:20	Alex Chen (Xinhua Hospital, Shanghai) Cathepsin L and pulmonary arterial hypertension
09:20-09:40	Maria Kontaridis (Masonic Medical Research Institute, Utica, New York) Myeloid-specific regulation of RhoA in cardiac fibrosis
09:40-10:00	Networking & Coffee Break
Session 6 Chairs: Yi-Heng Li 李貽恆, Kai-Chien Yang 楊鎧鍵, Yung-Hsin Yeh 葉勇信	
10:00-10:30	Joseph Wu (Stanford, NAM Member) Stem cells, genomics, and AI for NAMS
10:30-10:50	Christine Mummery (Leiden U, Leiden) Cardiovascular diseases and drugs: where are we with hiPSC models?
10:50-11:10	Vesna Todorovic (Editor-in-Chief of Nature CVR, Berlin) Nature Cardiovascular Research: building on progress
11:10-11:25	Chih-Yu Yang 楊智宇 (NYCU, Taipei) TBA
11:30-12:10	Session 7 Meeting the Editors Chairs: Joseph Wu, Sean Wu Editors: Vesna Todorovic, Tomasz Guzik, Francis Miller

2025.3.14 Afternoon

12:10-13:30	Lunch Lunch Symposium (B1A)
Session 8 Chairs: Shih-Ann Chen 陳適安, Ping-Yen Liu 劉秉彥, Cheng-Fu Kao 高承福	
13:30-14:00	Cheryl Anderson (UCSD; NAM Member) Dietary patterns and cardiometabolic risk: epidemiological insights and translational opportunities
14:00-14:20	Rong Tian (U Washington, Seattle) Migration of Mitochondria Between Cells: Implications in Cardiovascular Health
14:20-14:40	Barry London (U Iowa, Iowa City) TBA
14:40-15:00	Philip Tsao (Stanford) Genetic and Epigenetic Influences on Abdominal Aortic Aneurysm Disease
15:00-15:40	Poster Session-II Presentations by finalists, judged by journal editors
Session 9 Chairs: Deng-Chyang Wu 吳登強, Po-Hsun Huang 黃柏勳, Yi-Cheng Chang 張以承	
15:40-16:10	Hiroshi Ohno (Riken, Yokohama) Smoking affects gut microbiome and immune system to ameliorate ulcerative colitis
16:10-16:30	Sean Gibbons (ISB, Seattle) Precision nutrition and the human gut microbiota
16:30-16:50	Changcheng Zhou (UC Riverside) Like father, like daughter: Epigenetic inheritance of cardiovascular disease
16:50-17:10	Gangjian Qin (SUSTech, Shenzhen) In-vivo tagging, isolation, and characterization of hepatocyte-derived small extracellular vesicles (sEV)
17:10-17:40	Award Ceremony Chairs: Hua-Lin Wu 吳華林, Yu-Ting Yan 顏裕庭 TCRS Best Paper Award for the year 2025 Poster Awards
17:40-17:45	Closing Dr. Joseph Wu 吳慶明院士 (Stanford-CVI Director, US NAM Member) Dr. Patrick Hsieh 謝清河 (TCRS President, IBMS)



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國立陽明交通大學智慧型藥物與智能生物裝置研究中心 (IDS2B)

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國科會HLA超級捐贈者iPSC幹細胞於精準再生醫學之應用計畫 (NSTC PRM), 協辦單位：中央研究院生醫轉譯研究中心 (BioTRec), 台大醫院尖端醫療發展中心 (NTUH CFM),
財團法人成大研究發展基金會 (NCKU R&D Foundation)