

Promoting Cardiovascular Education, Research and Prevention

# CV Network

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## In this Issue

Page #

<i>Report of India Section ISHR and IACS Joint Meeting, Jodhpur, India February 16-19, 2024</i>	2
<i>IACS Honors and Awards at the 11th IACS-North America Section Meeting in Houston, USA, September 19-21, 2024</i>	8
<i>IACS Honors and Awards at the 10th IACS-European Section Meeting in Bratislava, Slovakia, October 28-30, 2024</i>	15
<i>University of Kragujevac Awards Visiting Professorships to Four Fellows of the Academy</i>	19
<i>First Asian Branch Meeting of the IACS: International Forum on Cardiovascular Disease, Stem Cells and Tissue Engineering</i>	20
<i>CV Network Editorial Board</i>	22
<i>Updates on the 11<sup>th</sup> IACS- North America Section Meeting Houston, Texas, September 19-21, 2024</i>	23
<i>Announcement of the 30<sup>th</sup> Scientific Forum on Cardiovascular Sciences and the 22<sup>nd</sup> Meeting of the IACS-South American Section, Vitoria, Brazil October 17-19, 2024</i>	28
<i>Updates on the 10<sup>th</sup> IACS- European Section Meeting, Bratislava, Slovakia October 28-30, 2024</i>	29
<i>Officers, Advisory Board and Executive Council of the IACS</i>	34
<i>Invitation to Become a Member of the IACS</i>	35
<i>Official Partnering Journals of the IACS</i>	36

# Report of the 2<sup>nd</sup> Joint Annual Meeting of the ISHR & IACS- India Sections: “Cardiovascular Sciences- from Molecule to Clinical” Jodhpur, India, February 16<sup>th</sup> - 18<sup>th</sup>, 2024

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2nd Joint Annual Meeting of the International Society for Heart Research- India Section & International Academy of Cardiovascular Sciences- India Section on theme “*Sciences - from Molecule to Clinical*” was organized by the Department of Cardiology, All India Institute of Medical Sciences (AIIMS), Jodhpur from 16<sup>th</sup> – 18<sup>th</sup> February 2024. These 3 days meeting covered all aspects of Cardiovascular Sciences from Preventive and Lifestyle Medicine (including AYUSH) to Basic and Translational Medicine to Artificial Intelligence in Cardiovascular Care.



*Lamp lighting ceremony*

Around 400 delegates and faculties, 90 speakers from India and various countries including the USA, UK, Canada, Serbia, Bosnia and Herzegovina, Hungary, Abu Dhabi and Saudi Arabia attended the meeting. The conference commenced with a grand inaugural ceremony on 16<sup>th</sup> February 2024. The event began with an invocation followed by welcoming remarks by the organizing committee. It was presided over by our Guest of Honour



*Dr. Mukesh Nandave receiving IACS Fellowship Award*

Dr. Govardhan Dutt Puri, Executive Director, AIIMS Jodhpur. This occasion was graced with the presence of other dignitaries including Dr. KK Talwar, President-ISHR (Indian Section), Dr. RK Goyal, President-IACS (India Section), Dr. Nitish Naik, Secretary, ISHR, Dr. Mukesh Nandave, Secretary General, IACS, Dr. Sanjeev Sanghvi and Dr. Surender Deora. Started with a welcome address by the organizing chairperson Dr. Sanjeev Sanghvi, the eminent figures in the field delivered keynote addresses, setting the tone for the scientific discourse that would follow over the subsequent days. This was concluded with a vote of thanks by the organizing secretary, Dr. Surender Deora.



*Dr. Surender Deora felicitated with IACS Distinguished Service Award*

Day 1 (16<sup>th</sup> February, 2024): On the first day, the scientific session started with the welcoming speech by Scientific Chairperson, Dr. Atul Kaushik. The scientific session on Basic and Translational Sciences was chaired by Dr. Mukesh Nandave, Dr. Abdul Jaleel, Dr. Abhinav Kanwal and Dr. Devendra K. Agarwal. Dr. Dinu S. Chandran, Dr. Anupam Mittal, Dr. Mahmood Khan and, Dr. Satvik were the speakers of this session. Next session on Hypertension and Cardiovascular System was chaired by Dr. Arvind Mathur, Dr. Alok Gupta. Dr. Anand Meenawat, Dr. Gautam Bhandari and Dr. Jaykaran Charan. Dr. Atul Kaushik, Dr. Bhupinder Singh delivered the talk in this session.

Dr. Vladimir Jakovljevic, Dean of Medicine, Serbia, delivered Prof. Rakesh Kukreja Oration and spoke on the role of phosphodiesterase type 5 inhibitors on endothelial function and redox status in different pathological modalities. This oration was chaired by Dr. N. S. Dhalla, Dr. Andras Varro and Dr. Tejal Gandhi. Prof. P L Wahi Oration was delivered by Dr. Sumeet S Chugh, Price



*Prof. P.L. Wahi Oration by Dr. Sumeet S. Chugh*

Professor, Smidt Heart Institute, Los Angeles, USA, on “Artificial Intelligence and Prevention of Sudden Cardiac Death”. The chairpersons of this oration were Dr. KK Talwar, Dr. G.D Puri and Dr. Nitish Naik.



*Prof. Rakesh Kukreja Oration by Dr. Vladimir Jakovljevic*

An integral part of the scientific program was dedicated to showcasing the work of budding cardiologists through long and short case presentations. These presentations provided students from various institutions with a platform to demonstrate their clinical acumen, diagnostic skills, and research findings. Long case presentations offered students the opportunity to delve deep into a comprehensive clinical case, presenting a detailed history, physical examination findings, diagnostic workup, and management plan.

Typically, these presentations lasted around 15 to 20 minutes, allowing students to thoroughly analyze the case and engage the audience in their thought process. This session was moderated by Dr. Prabhavathi, Dr. Nitish

Naik, Dr. Rohit Mathur and Dr. Sohan Sharma. Short case presentations offered a concise yet comprehensive overview of interesting or challenging clinical cases encountered by students during their training. These presentations were typically limited to 5 to 10 minutes, requiring students to succinctly summarize key aspects of the case while highlighting important diagnostic or management dilemmas. This session was chaired by Dr. Vijayalakshmi, Dr. Krishna Kumar, Dr. J P Soni and Dr. Anupam Das.



*Prof. M.L. Bhatia Oration by Dr. Anita Saxena*

Day 2 (17<sup>th</sup> February, 2024): Day 2 started with N K Ganguly Award session where numerous abstracts and research papers were presented by various speakers offering attendees the opportunity to learn about the latest scientific discoveries and clinical innovation. Presenters shared their findings through oral presentations, interactive discussions and knowledge exchange among attendees. This session was chaired by Dr. Ajay Bahl and Dr. Nitish Naik. Dr. Anita Saxena delivered Prof. M L Bhatia Oration which was chaired by Dr. KK Talwar, Dr. Sanjeev Sanghvi and Dr. Meenu Singh. She spoke on “Rheumatic fever and Rheumatic Heart Disease: A century of experience (or inexperience?)”. Prof Manjeet Singh Oration was delivered by Dr. Shantanu Sengupta. This oration was chaired by Dr. Madhu Khullar and Dr. Shyamal Goswami. His topic was “Vitamin B12 deficiency in cardiometabolic disease: Time for a reality check?”.



*Prof. Suresh K. Gupta Oration by Ipseeta Ray Mohanty*

The day continued with Prof. Harpal Buttar Oration (IACS Oration) by Dr. Dragan M. Djuric from Serbia through online mode. His topic was “Is Homocysteine Biomarker of Environmental Health Risk: Roles in Cardiovascular Pathophysiology and Link with Homocysteine- related Vitamins.” This oration was chaired by Dr. Ranko Skrbic and Dr. Kavita Gulati. Prof. Suresh Kumar Gupta Oration was delivered by Dr. Ipseeta Ray Mohanty and was chaired by Dr. R. K. Goyal and Dr. D. K. Agrawal. She spoke on “Innovative Strategies for Cardiometabolic Risk Reduction: Experimental and Clinical Approaches”.

Both Profs. Naranjan Dhalla and Uma Naher delivered Plenary Lectures on Sudden Cardiac Death. Various lectures were presented on Valvular Heart Diseases, Heart Failure- From Bench to Bedside, Infections and the Heart, Atherosclerosis and CAD, Dyslipidemia, Amyloid- Recent Updates, Heart Failure- The Conundrum, Heart Failure- The Conclusion, Artificial Intelligence in Clinical Care and Novel Technologies in Cardiovascular Care. These lectures highlighted the prevention of cardiovascular diseases, emphasizing lifestyle modifications and risk factor management. These sessions were very enriching and informative.

Shukla. The day concluded with an ECG Symposium where various speakers talked about the Approach to Tachycardia and Bradycardia, ECG patterns mimicking ACS, and ECG in metabolic disturbances. ECG Quiz was organized by Dr. Niraj Yadav.

Day 2, Gala dinner (17<sup>th</sup> February, 2024): An executive Body Meeting of IACS and ISHR was held at Fairfield Marriott Hotel followed by dinner at 17<sup>th</sup> February evening. The meeting was attended by Prof. Naranjan S. Dhalla, Honorary Life President (IACS), Dr. K. K. Talwar, President, ISHR (Indian Section), Dr. R. K. Goyal, President, IACS (India section), Dr. Mukesh Nandave, Secretary General, IACS (India section), Dr. Sanjeev Sanghvi, Dr. Surender Deora, Dr. Ranko Skrbic, Dr. Dragan M. Djuric, Dr. Andras Varro, Dr. Vladimir Jakovljevic, Dr. Atul Kaushik, Dr. Subir K. Maulik, Dr. D. K. Agrawal, Dr. Raja Babu Panwar, Dr. Nitish R Mahapatra, Dr. Tejal Gandhi, Dr. Kavita Gulati and, Dr. Kalyani Barve. Various agenda associated with society were discussed with networking.



*Conference delegates donning traditional Rajasthani turbans*

This was followed by Riya and Paul Ganguly Symposium on Diabetes. This symposium was chaired by Dr. Anand Meenawat, Dr. Prem Prakash Patidar, Dr. N. K. Baheti, Dr. Sandeep Tak, Dr. Ravindra Shukla and Dr. Ashish Kakkar. The session continued with C R Soman Symposium on Preventive and Lifestyle Medicine. It was chaired by Dr. Pankaj Bhardwaj, Dr. Meenakshi Sharma and Dr. Deepa

Day 3 (18<sup>th</sup> February, 2024): Final Day started on a promising note with E- Posters presentation under Prof. N S Dhalla Award which was chaired by Dr. Nitish Naik and Dr. S K Maulik. Presenters enthusiastically shared their findings through e posters and exchange knowledge among attendees. It continued with interactive Prof. S.C. Tyagi Award Session which was chaired by Dr. Kalyani Barve



*Prof. KK Talwar, PK Ganguly, NK Ganguly with another dignitary*

and Dr. Abhinav Kanwal. Followed by Prof. D.K. Agrawal Award Session which was chaired by Dr. Nitish Mahapatra, Dr. Kalyani Barve, and Dr. Abhinav Kanwal presenters shared their findings through oral presentations, and interactive discussions, fostering collaboration among attendees.



*Podium presentation by invited speaker*

Devendra Agrawal entitled “Arteriovenous Fistula: Strategies to Induce Maturation”. The chairpersons of this session were Drs. Nagendranath Murmu and Pushpendra Khera.

Prof. Ramesh K. Goyal Oration was delivered by Dr. Kalpana SR on Rheumatic Heart Disease: Indian Perspective. This oration was chaired by Drs. Vladimir Jakovljevic and Ranko Skrbic. Dr. Sanjay Kumar Banerjee talked about Vitamin D Receptor: A Novel Therapeutic Target for Cardiometabolic Disease under Torrent Research Oration. This was chaired by Drs. Vladimir Jakovljevic, Ranko Skrbic and S. K. Maulik.



*Award presentation by conference officials*

A knowledge rich N. Radhakrishnan Symposium was delivered by various speakers on Vascular Diseases. Dr. Ranko Skrbic, Dean of Medicine, Bosnia and Herzegovina, delivered his findings on ‘The dynamics of renin-angiotensin system components in relation to clinical stages of COVID-19 infection’ followed by a talk by Prof.

A highlight of the Conference was the highly competitive and intellectually stimulating Quiz designed specifically for post-graduate students in the field of cardiology by Dr. S. Ramakrishnan. This event provided a platform for budding cardiologists to showcase their knowledge, critical thinking skills, and ability to apply theoretical concepts to real-world clinical scenarios. At the end of the quiz, the top-performing teams were recognized and awarded prizes to celebrate their achievements.



*Award presentation by conference officials*



*Podium presentation by invited speaker*

Hands on echocardiography workshop was organised under the course director Dr. Rahul Mehrotra. The workshop offered attendees the opportunity to familiarize themselves with state-of-the-art echocardiographic equipment and techniques. Participants were guided through hands-on sessions covering various aspects of echocardiography, including echo basics-views, Windows, tips and tricks, evaluation of LV systolic function etc.

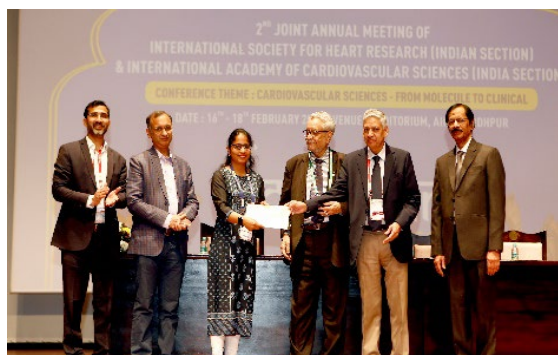


*Invited speaker preparing to present*



*Profs. Devendra Agrawal and Ranko Skrbic presenting award*

Day 3, Valedictory function (18<sup>th</sup> February, 2024): Proceeding towards the end of this International Conference, the valedictory function was organized in the august presence of Drs. KK Talwar, Nitish Naik, Mukesh Nandave, Sanjeev Sanghvi and Surender Deora. A total 21 awards were given to the best oral and poster research paper presentations in the name of Profs. N.S. Dhalla, N.K. Ganguly, D.K. Agrawal, C.C. Kartha, and Suresh K. Tyagi.



*Profs. Dhalla, Nandave and other dignitaries presenting award*



*Prof. Ramesh K. Goyal Oration by Dr. Kalpana SR*



*Torrent Research Oration by Dr. Sanjay K. Banerjee*

Aligned with its aim, these three days conference provided a platform for cardiologists, researchers and healthcare professionals to engage in meaningful discussions, exchange ideas and collaborate towards advancing the field of cardiology. With its comprehensive scientific program and esteemed speakers, the conference contributed significantly to the dissemination of knowledge and the enhancement of patient care in cardiovascular medicine.



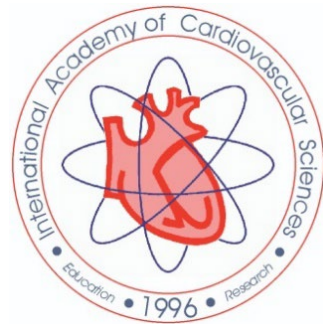
*Student delegates with some awardees*



*Other recipients of awardees presented by conference officials*



*Dr. Dragan Djuric recipient of the Dr. Harpal Buttar Oration Award presented through online mode*



**ACADEMY OF  
CARDIOVASCULAR SCIENCES**

IACS- India Section

## IACS Honors and Awards at the 11<sup>th</sup> IACS-North America Section Meeting in Houston, USA, September 19-21, 2024

Dr. Grant Pierce, IACS President is pleased to announce that the following IACS awards will be bestowed upon individuals during the meeting of the IACS- North American Section, September 19 – 21, 2024 in Houston, USA.

1. **IACS Medal of Merit:** Dr. Heinrich Taegtmeier
2. **Howard Morgan Award for Established Investigator in Cardiovascular Sciences:** Dr. Buddha Dawn
3. **Naranjan Dhalla Award for Innovative Investigators in Cardiovascular Sciences:** Dr. Dragan M. Djuric
4. **James Willerson Award for Excellence in Cardiovascular Medicine:** Dr. Nikolaos G. Frangogiannis
5. **Grant Pierce Award for Excellence in Cardiovascular Sciences:** Dr. Junichi Sadoshima
6. **Makoto Nagano Award for Distinguished Achievements in Cardiovascular Education:** Dr. Rhian M. Touyz
7. **Jawahar (Jay) Mehta Award for Clinical Scientist:** Dr. Sanjiv Dhingra
8. **Amarjit Arneja Distinguished Lecture Award in Prevention of Heart Disease:** Dr. Philipp Scherer
9. **Paul Ganguly Distinguished Lecture Award in Cardiovascular Science:** Dr. Gary Lopaschuk

### IACS Medal of Merit: Dr. Heinrich Taegtmeier, Houston, USA



*Dr. Heinrich Taegtmeier*

Dr. Heinrich Taegtmeier is Professor of Medicine, Division of Cardiology, Department of Internal Medicine, McGovern Medical School UT Health Science Center at Houston, USA. He received his Dr. med. (summa cum laude) from the University of Freiburg (Germany) in 1968, and his DPhil in Biochemistry from the University of Oxford,

UK, in 1981. Dr. Taegtmeier joined the UT faculty in 1982. He served as Director of the UT Cardiology Fellowship Program 1988-94, and achieved the rank of Professor in 1991.

Dr. Taegtmeier's lab has received NIH research funding consistently since 1976. He is a reviewer for several journals and has served as an Associate Editor for *Circulation* (1993-2004). He is an Associate Editor for *Cardiology* (1993-present), and is on the Editorial Boards of several prestigious journals such as *Circulation Research*, *Journal of Molecular and Cellular Cardiology*, *Journal of the American College of Cardiology*, and *Journal of the American College of Cardiology – Imaging*.

Dr. Taegtmeier is a member of Alpha Omega Alpha, a Fellow of the American Heart Association, the American College of Cardiology, the American College of Physicians, and the International Academy of Cardiovascular Sciences. He served as President of the Society for Heart and Vascular Metabolism 2006 to 2009.

Dr. Taegtmeier is board certified by the ABIM in Internal Medicine and Cardiovascular Diseases. He has supervised 12 graduate students and 16 postdoctoral fellows, and he has mentored 15 medical or surgical residents on research rotations as well as 43 summer students. Many of his students hold academic appointments in the US (Yale, UCLA, UCSD, Baylor College of Medicine, University of Texas Medical Branch, University of Alabama at Birmingham, and The University of Texas Houston Medical School) and in Germany. He has given talks worldwide on heart failure, diabetes, and heart metabolism.

Dr. Taegtmeier was a full member of the NIH Metabolism Study Section from 1989 to 1993 and has since served as an ad hoc member of various NIH study sections on a yearly basis. In 2005 the Director of the NHLBI named Dr. Taegtmeier to the NIH Protocol Review Committee for the IMMEDIATE Trial. In 2006 he was named to the NHLBI Data Safety Monitoring Board for the IMMEDIATE Trial. He serves on the Scientific Advisory Committee of the University Clinical Research Center since 1995, and on the MacDonald Fund Research Committee since 2007.



## Howard Morgan Award: Dr. Buddha Dawn, Las Vegas, USA



*Dr. Buddha Dawn*

Dr. Buddhadeb (Buddha) Dawn is the inaugural Chairman of the Department of Internal Medicine and Chief of the Division of Cardiovascular Medicine at the Kirk Kerkorian School of Medicine at the University of Nevada, Las Vegas (UNLV).

Dawn received his medical degree from the Medical College, Calcutta, and underwent advanced training in Internal Medicine and Cardiology in India. In the USA, he completed residency in Internal Medicine at the University of Missouri-Columbia and fellowship in Cardiology at the University of Louisville, and then became a faculty in the Division of Cardiology at UofL. In 2009, he moved to the University of Kansas Medical Center as the Maureen and Marvin Dunn Professor and Director of the Division of Cardiovascular Diseases, and Vice Chair for Research in the Department of Internal Medicine. At KUMC, Dr. Dawn was also the founding Director of Cardiovascular Research Institute since 2009, and the founding Director of Midwest Stem Cell Therapy Center (MSCTC) since 2013. He joined UNLV in July 2018.

Dr. Dawn's research interests have evolved over the years from cardioprotection and cardiac cytokine signaling to cardiac repair with adult stem cells. His early work identified the involvement of cytokines, including TNF- $\alpha$  and IL-6 in the development of the late phase of ischemic preconditioning. With regard to clinical cell therapy, his team performed the first comprehensive meta-analysis of pooled data from clinical trials of bone marrow cell therapy in patients with ischemic heart disease. Recent work from his laboratory, has demonstrated the perils of heart repair with unmodified induced pluripotent stem cells with regard to tumor formation, and highlighted the advantages of using extracellular vesicles.

His laboratory has also been working with a specific cell type from the cord blood that has an immune-privileged phenotype. As a translational scientist, it is immensely gratifying to Dr. Dawn that a specific type of mesenchymal stem cell (MSC) from the Wharton's jelly (umbilical cord) produced by MSCTC has shown promise in a phase 1 trial in patients with severe graft-vs-host disease. This particular type of MSC has significant immune-modulating properties, and is currently being considered in other human pathologies. Dr. Dawn has published more than 190 articles and book chapters, and work from his laboratory has been presented on more than 200 occasions at scientific meetings. He has been a member of numerous grant review panels, and serves on the Editorial Board of multiple journals. He has delivered invited lectures at many academic institutions and scientific meetings in the US and abroad. Dr. Dawn has received many awards and honors and served on a multitude of local and national committees.

Aside from his passion for science, the education of postdoctoral fellows, residents, and medical students has always been a top priority for Dr. Dawn. At UNLV, Dr. Dawn's team works tirelessly to enhance the education and learning experience of more than 100 trainee physicians in the department across diverse disciplines. Several of Dr. Dawn's former trainees have successfully launched their research/academic careers at academic institutions in the US and abroad. Dr. Dawn firmly believes that selfless mentoring and succession planning should be integral parts of our academic mission.

As a consummate physician-scientist, Dr. Dawn has practiced medicine and cardiology for three decades. Echocardiography is his primary area of expertise, and his clinical interests are focused on atrial fibrillation and clinical cell therapy. At this stage of his career, program building and mentoring remain his top priorities. Dr. Dawn feels very fortunate to have the privilege of taking care of patients, pursuing scientific discoveries in the lab, and educating the next generations of physicians, scientists, and leaders.

## Naranjan Dhalla Award: Dr. Dragan M. Djuric, Belgrade, Serbia



*Dr. Dragan M. Djuric*

Dragan M. Djuric received MD degree in 1987, MS degree in 1991, PhD degree in 1993, and Clinical Physiologist degree in 2007, all from the Faculty of Medicine University of Belgrade. He is a Full Professor of Physiology, Faculty of Medicine, University of Belgrade (2008-present) and was Head, Laboratory for Atherosclerosis and Vascular Biology, Dedinje Cardiovascular Institute Belgrade (1996-2000); Chair and Director, Institute of Medical Physiology, Faculty of Medicine, University of Belgrade (2006-2012). Dr. Djuric is the Founder and Chair of the PhD Program in Physiological Sciences (2009-present); Visiting Professor, Faculty of Medicine, University of Banja Luka (since 2019); Adjunct Professor, Faculty of Medical Sciences, University of Kragujevac (2018-2021); leadership positions in Serbian Physiological Society (2003-2021), and national atherosclerosis societies (1998-present). Up to March 2024 he published 835 bibliographic units with 196 publications indexed in Web of Science; 16 publications as collaborator/corporate author; 25 chapters in books/monographs; he has edited/co-edited 6 textbooks, 5 monographs, and edited/co-edited 15 books of abstracts of scientific meetings. He has been an invited speaker 51 times abroad and 84 times in Serbia.

Dr. Djuric is a member of the editorial board of several peer reviewed journals including Canadian Journal of Physiology and Pharmacology (Associate Editor, 2006-2017, 2019-2023), Molecular and Cellular Biochemistry, Physiology International (Acta Physiologica Hungarica), Experimental and Clinical Cardiology, Pathophysiology, Mediterranean Journal of Nutrition and Metabolism, Medical Science Monitor Basic Research, Current Research: Cardiology, Archives of Medical Sciences - Atherosclerosis Diseases (Section Editor), Scripta Medica (Banja Luka), Reviews in Cardiovascular Medicine (IMR Press), Yugoslavica Physiologica et Pharmacologica Acta, Experimental and Applied Biomedical Research (former SJECR), and a member of

the editorial board of CV Network (bulletin of IACS) (2007-2015). Dr. Djuric has organized/co-organized numerous scientific meetings in Serbia: The First Yugoslav Congress on Atherosclerosis (Belgrade, 2001), Satellite Symposium of XIV International Symposium on Atherosclerosis (IAS Belgrade, 2006), International Conference on Nutrition and Cardiovascular Health (Novi Sad, 2007), 2nd European Section Meeting of the International Academy of Cardiovascular Sciences (Belgrade, 2015), and jointly held 6th Meeting of European Section and 7th Meeting of North American Section of the International Academy of Cardiovascular Sciences (IACS) (Vrnjacka Banja, 2019). Organized/co-organized 4 congresses of physiological sciences (2005, 2009, 2014, 2018) as well as 8 conferences and meetings of physiological sciences in Serbia (2003, 2004, 2008, 2011) including jointly held Serbian-Slovak (2013, 2016, 2019) and Serbian-Hungarian bilateral physiological meetings (2017).

IACS Oration Award Prof. Harpal Buttar (2024), IACS Howard Morgan Award for Distinguished Achievements in Cardiovascular Research (2022), IACS James Willerson Award for Excellence in Cardiovascular Sciences (2021), IACS Distinguished Leadership Award in Cardiovascular Sciences (2019), IACS Andras Varro Award for Excellence in Cardiovascular Sciences (2018), IACS Lifetime Achievement Award in Cardiovascular Science, Medicine and Surgery (2015), all by the International Academy of Cardiovascular Sciences (IACS) including European, North American and Indian sections; Serbian Physiological Society Award for Lifetime Achievement in Physiological Sciences (2016); Fellow of the International Academy of Cardiovascular Sciences (FIACS, 2011); Samuel Racz Medal and Honorary Member for the Contribution in Physiology by the Hungarian Physiological Society (2010); Honorary Member, Bulgarian Society for Cell Biology (2009); Honorary Member, Romanian Society for Laboratory Medicine (2008); Medal of the Yugoslav Society of Cardiology (2002), and Belgrade City October Award (1987). Awarded as the best session organizer at the FFC's 26th International Conference and 14th International Symposium of ASFFBC (2019, San Diego, USA), Medal for Contribution to the international affirmation (Faculty of Medicine University of Banja Luka, 2021). Member of the Max Planck Alumni Association since 2021. Elected Fellow of the IUPS Academy of Physiology (FIUPS, 2022).

## James Willerson Award: Dr. Nikolaos G. Frangogiannis, New York, USA



*Dr. Nikolaos G. Frangogiannis*

Dr. Nikolaos Frangogiannis earned his medical degree from the University of Athens Medical School, then completed residency training in Internal Medicine (Clinical Investigator Pathway), and a fellowship in Cardiology, at Baylor College of Medicine, in

Houston TX. After completing his fellowship in 1999, he joined the faculty at Baylor and established his laboratory investigating inflammatory mechanisms in cardiac injury, repair and remodeling. In 2010, Dr. Frangogiannis relocated to Albert Einstein College of Medicine (Bronx NY), where he currently holds the Edmond J. Safra Chair in Cardiovascular Medicine.

Dr. Frangogiannis has contributed important insights into the molecular and cellular basis of repair, remodeling and fibrosis following ischemic and non-ischemic cardiac injury. His published work demonstrated for the first time

crucial roles for Interleukin-1, chemokines and TGF-beta cascades in the infarcted and failing heart. His studies on cardiac fibrosis had a transformative impact in the field, by dissecting protective and maladaptive fibroblast-mediated pathways in myocardial diseases, and by highlighting non-structural roles of the extracellular matrix as a signaling hub. His approach towards clinical translation highlights the importance of developing a sound conceptual paradigm based on plausible cell biological mechanisms rather than pursuing findings from single studies, and emphasizes the significance of pathophysiologically-driven classifications of clinical syndromes. His findings and observations have been published in more than 200 publications in high impact journals and had a major impact in the field. Dr. Frangogiannis was selected as a Web of Science/ISI Highly-Cited researcher in 2022 and 2023.

Over the last 20 years, Dr. Frangogiannis' laboratory has been continuously funded by multiple US National Institutes of Health (NIH) and US Department of Defense grants. Dr. Frangogiannis is a prolific reviewer. He has served as a member or Chair in many NIH, Department of Defense, Veterans Affairs and American Heart Association study sections, regularly reviews for >100 scientific journals, and is a member of >15 editorial boards of cardiovascular and general biomedical journals.

## Grant Pierce Award: Dr. Junichi Sadoshima, Newark, USA



*Dr. Junichi Sadoshima*

Dr. Sadoshima graduated from Kyushu University School of Medicine in Japan and received MD/PhD. He is Professor and Chair of the Department of Cell Biology and Molecular Medicine at Rutgers New Jersey Medical School.

His research focuses on autophagy, redox-sensitive signaling mechanisms and metabolism. He received the AHA's Katz Basic Science Research Prize (1995); the ISHR Janice Pfeffer Distinguished Lecture Award (2010); the AHA Thomas Smith Memorial Lecture Award (2014); the BCVS Distinguished Investigator Award (2017); the AHA Merit Award (2020). Dr. Sadoshima is a member of the American Society of Clinical Investigation and a coordinator of the Leducq Transatlantic Network.

## Makoto Nagano Award: Dr. Rhian M. Touyz, Montreal, Canada



*Dr. Rhian Touyz*

Dr. Touyz, is the Executive Director and Chief Scientific Officer of the Research Institute of the McGill University Health Centre (RI-MUHC). She is the Canada Research Chair in Cardiovascular Medicine and Phil Gold Chair in Medicine, McGill University, Montreal. She is also the British Heart

Foundation (BHF) Emeritus Chair. She served 10 years as the Director of the Institute of Cardiovascular and Medical Sciences and BHF Chair of Cardiovascular Medicine, University of Glasgow, Scotland, UK. In 2021 she was recruited to Montreal to direct the RI-MUHC. Dr Touyz, a clinician-scientist focusing on molecular mechanisms of hypertension, received her BSc (Hons) (1980), MBChB (1984), MScMed (1986) and PhD (1992) in South Africa. She completed her post-doctoral fellowship at the Clinical Research Institute of Montreal and was the Canada Research Chair in Hypertension, University of Ottawa (2005-2011). She is an elected Fellow of the Academy of Medical Sciences, Royal Society of Edinburgh, College of Physicians, and Canadian Academy of Health Sciences. She has received numerous awards, including the Hypertension Research Excellence Award from the AHA, the highest honour in the field.

Dr. Touyz is the editor-in-chief of Hypertension. She contributes to best clinical practice and co-chairs the 2024 European Society of Cardiology hypertension guidelines. She held leadership roles in premier organizations: President, Canadian Hypertension Society; Chair, Hypertension Council (AHA); President, International Society of Hypertension and Chair, European Council of Cardiovascular Research. She is a strong advocate of equal opportunities for all in academia and research. She founded the 'Women in Hypertension Research Program' of the International Society of Hypertension and led the Sliver award Athena Swan program at the Institute of Cardiovascular and Medical Sciences, University of Glasgow. She has spearheaded numerous mentoring schemes for early and mid-career researchers. She has published 640 papers [h-index:144].

She has an interest in translational research where her discovery science impacts care of patients with hypertension and cardiovascular disease. Her particular areas of interest include: 1) vascular signaling and redox biology; 2) the renin-angiotensin-aldosterone system; 3) adipose biology and cardiometabolic disease; 4) cardiovascular toxicity of anti-cancer drugs, 5) small vessel disease and vascular dementia, 6) pathophysiology and management of human hypertension. Dr. Touyz's research focuses on molecular mechanisms, signaling pathways and vascular biology of hypertension and associated cardiovascular and cardiometabolic diseases. A central theme relates to the vasculopathy of small arteries in the pathophysiology of hypertension and target organ damage and aligns with the notion of 'small vessels cause big health problems'. Throughout her career, she has been studying small vessels (arteries with a diameter <300 µm in diameter) in hypertension and in particular the molecular processes and signaling pathways that underlie endothelial dysfunction and vascular cell damage during hypertension development. She has focused extensively on the role of the renin-angiotensin-aldosterone system, calcium and cation transporters, and redox biology and oxidative stress, and she has highlighted the importance of perivascular adipose tissue as a modulator of vascular function, especially in the context of co-morbidities (obesity and diabetes). She has also explored how sex hormones differentially influence vascular function and how this impacts hypertension and cardiovascular disease in men and women.

With increasing clinical evidence that modern anticancer drugs cause hypertension, Dr. Touyz has expanded her research program to address gaps in knowledge on underlying mechanisms on the vascular toxicities of chemotherapies. In particular her work focuses on endothelial and vascular processes whereby anti-angiogenic cancer drugs (VEGF inhibitors) cause hypertension. Her research has further advanced to explore vascular complications of hypertension focusing on cerebral small vessel disease and vascular dementia and over the past 5 years she been studying Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarction and Leucoencephalopathy (CADASIL). CADASIL is the most common cause of inherited stroke and premature vascular dementia and has a phenotype similar to hypertensive cerebral small vessel disease. As a clinician-scientist, her research focuses on human disease, translating discoveries at the bench to the clinic, and vice versa - translating observations in the clinic to unravel mechanisms using pre-clinical models.

## Jawahar (Jay) Mehta Award: Dr. Sanjiv Dhingra, Winnipeg, Canada



*Dr. Sanjiv Dhingra*

Dr. Sanjiv Dhingra is a Professor and Associate Head of the Department of Physiology and Pathophysiology, University of Manitoba. He is also the Director of the Canada Italy Tissue Engineering Program at the Institute of Cardiovascular Sciences, St. Boniface Hospital Research Centre, Winnipeg, Canada.

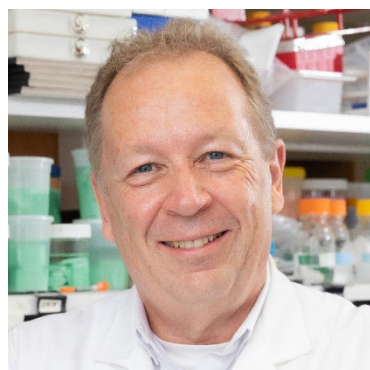
His research interests are focused on the post-myocardial infarction cardiac regeneration and tissue engineering using stem cell therapy and biomaterials. The current research in Dr. Dhingra's lab focuses on understanding the host immune response against transplanted stem cells. Another major area of interest in Dr. Dhingra's lab is to develop immunomodulatory materials to prevent rejection of transplanted stem cells and solid organs.

Dr. Dhingra has published several papers in this area in prominent high impact journals. Dr. Dhingra has been actively involved in promoting the fields of cardiac stem

cell therapy and tissue engineering. He has organized several national and international conferences and symposia. He was the Chair of International Conferences on Future of Regenerative Medicine, which were held in different parts of Italy, in Tuscania (2017), Ostuni (2018), and Rome (2023). Dr. Dhingra has been recognized nationally and internationally for his accomplishments in research. He received Outstanding Leadership Award in Cardiovascular Research from the Life Science Association of Manitoba. Previously he has been recognized by the American Heart Association in 2012 and Canadian Cardiovascular Society in 2017 for his efforts in the field of cardiovascular stem cell therapy and tissue engineering.

Recently, Dr. Dhingra received Dr. Rakesh Kukreja Oration Award (2023) at the Annual Meeting of the IACS (India Section), and Dr. Guido Tarone Lecture Award (2023) at the Annual Congress of the Italian Society of Cardiovascular Sciences. Dr. Dhingra's laboratory is currently funded by multiple agencies including CIHR and NSERC. He continues to serve as committee member on several granting agency review panels such as CIHR, Heart and Stroke Foundation of Canada, NSERC, European Science Foundation, and Medical Research Council of England.

## Amarjit Arneja Award: Dr. Philipp Scherer, Dallas, USA



*Dr. Philipp Scherer*

Dr. Philipp Scherer is Professor and Director of the Touchstone Diabetes Center at the University of Texas Southwestern Medical Center in Dallas. He received his Ph.D. degree from the University of Basel, Switzerland, with Jeff Schatz.

This was followed by a post-doctoral training at the Whitehead Institute at MIT in Cambridge with Harvey Lodish. In 1997, he joined the faculty of the Albert Einstein

College of Medicine where he was a Professor for Cell Biology and Medicine. Throughout his career, he has maintained an interest in processes related to cellular and systemic energy homeostasis. During his Ph.D., he identified several components of the mitochondrial protein import machinery. While a post-doc, he identified adiponectin, one of the first secretory factors to be described that almost exclusively originate in adipose tissue and which is currently widely studied by many different research groups.

Current efforts in his laboratory are focused on the identification and physiological characterization of novel proteins that serve as potential links between the adipocyte, liver, the pancreatic beta cell and the processes of whole body energy homeostasis, inflammation, cancer and cardiovascular disease. His research team aims to identify novel targets for pharmacological intervention and to

further define the role of adipose tissue as an endocrine organ. He originally identified the adipokines adiponectin and, more recently, endotrophin, both of which span a broad range of cellular and whole-body physiological functions in the area of insulin sensitivity and cardiovascular disease.

Scherer has been on the faculty of UT Southwestern Medical Center since 2007 as a member of the Departments of Internal Medicine and Cell Biology. He holds the Gifford O. Touchstone Jr. and Randolph G. Touchstone Distinguished Chair in Diabetes Research and is a member of the Simmons Comprehensive Cancer Center. He was awarded the 2015 Banting Medal for Scientific Achievement from the American Diabetes Association (the highest-ranked diabetes prize in the world), the 2017 European Association for the Study of Diabetes Novo Nordisk Foundation Diabetes Prize for Excellence (the highest honor for a diabetes researcher in Europe). In 2018, Dr. Scherer received the Manpei Suzuki International Prize for Diabetes Research (highest honor in diabetes research

in Japan), the 2019 Basic and Translational Science Award from the International Diabetes Federation (IDF) and the 2022 Society for Endocrinology Transatlantic Medal (United Kingdom).

Dr. Scherer has published more than 500 papers in the areas of diabetes, cardiovascular disease and obesity/cancer, has been cited more than 70,000 times and has an h-factor (Thompson-Reuters) of 129; Google Scholar h-factor 159 (111,000 citations). He is amongst the 100 most highly cited researchers in biomedical research from 2009-2021 according to Thompson-Reuters.

Dr. Scherer has trained more than 50 PhD, MD-PhD and post-doctoral scientists in the area of metabolism and nutrition, many of which now hold faculty positions in academia. He has been an integral part of multiple Training Grants at UT Southwestern Medical Center, and he serves as the PI for the Endocrine and Metabolism Training Grant at UTSW. See <http://touchstonelabs.org/>. He is currently also serving on Council for the NIDDK.

## Paul Ganguly Award: Dr. Gary Lopaschuk, Edmonton, Canada



*Dr. Gary Lopaschuk*

Dr. Gary D. Lopaschuk received his BSc (Pharmacy, 1978), MSc (1980), and PhD (1983) from the University of British Columbia in Vancouver, Canada. This was followed by a post-doctoral training at the Hershey Medical School of Penn State University. He is currently a

Distinguished University Professor of Pediatrics at the University of Alberta, Edmonton. Dr. Lopaschuk is a Fellow of the Royal Society of Canada. He has served as Scientific Director of the Mazankowski Alberta Heart Institute, and has previously served in a number of capacities with the Heart Stroke Foundation of Canada, including as Chair of the Scientific Review Committee and the Vice-Chair of the Research Planning and Priorities Committee.

He serves on a number of journal editorial boards, including *Circulation Research*, *Journal of Clinical*

*Investigation*, *American Journal of Physiology*, *Cardiovascular Research*, *Journal of Molecular and Cellular Cardiology*, *Canadian Journal of Physiology and Pharmacology*, *Heart and Metabolism*, and *Cardiovascular Drugs and Therapy*. He is also the President and CEO of a biotechnology company (Metabolic Modulators Research Ltd.), that is developing novel drugs to treat heart disease that optimize energy metabolism in the heart. His research has resulted in the publication of over 480 research articles, and he has been recognized by awards such as the Canadian Cardiovascular Research Achievement Award and the International Academy of Cardiovascular Sciences Research Achievement Award.

Dr. Lopaschuk's research focuses on the regulation of fatty acid oxidation in the heart, and the mechanism by which high rates of fatty acid oxidation contribute to heart disease and heart failure. This involves the use of isolated working hearts in which cardiac energy metabolism can be directly measured. He is also examining how alterations in fatty acid metabolism contribute to cardiovascular disease in the diabetic. At a molecular level he has characterized a number of key enzymes important in the regulation of cardiac fatty acid oxidation.

He is also developing a number of therapeutic strategies that involve optimizing energy metabolism in the heart that can be used to prevent the development of heart disease, and that can also be used to treat heart failure.

# IACS Honors and Awards at the 10<sup>th</sup> IACS-European Section Meeting in Bratislava, Slovakia, October 28-30, 2024

Dr. Grant Pierce, IACS President is pleased to announce that the following IACS awards will be bestowed upon individuals during the meeting of the IACS- European Section, October 28 – 30, 2024 in Bratislava, Slovakia.

1. **Naranjan Dhalla Honorary Lecture Medal:** Dr. Rodolphe Fischmeister
2. **Bohuslav Ostadal Award for Excellence in Cardiovascular Science:** Dr. Ferenc Gallyas Jr.
3. **Andras Varro Award for Excellence in Cardiovascular Science:** Dr. Danina Muntean
4. **Jan Slezak Award for Excellence in Cardiovascular Science:** Dr. Lorrie Kirshenbaum
5. **Howard Morgan Award for Distinguished Achievements in Cardiovascular Research:** Dr. Gerd Heusch
6. **Jan Slezak Award for Excellence in Cardiovascular Science:** Dr. Saadeh Suleiman

## Naranjan Dhalla Medal: Dr. Rodolphe Fischmeister, Orsay, France



*Dr. Rodolphe Fischmeister*

as an electrical engineer from Supélec in 1978, he moved first to theoretical biology for doctoral studies (PhD in 1980) and then to cellular physiology during the 2 1/2 years of postdoctoral studies at Dalhousie University (Halifax, Canada) and Emory University (Atlanta, GA, USA). He returned to France in 1983 and became a researcher at INSERM. He obtained a Doctorat d'Etat ès Sciences in 1987.

His main research interests are directed toward physiological and pathophysiological aspects of neuroendocrine regulation of heart function, cardiac membrane receptors and their signalling cascades, and cellular control of cardiac ion channels. His combined approach to organ physiology, cellular electrophysiology, fluorescent imaging, molecular biology and biochemistry has led him to unveil major paradigms in cardiac

Dr. Rodolphe Fischmeister is Emeritus Director of Research at INSERM, former head and founder of the LabEx [LERMIT](#) and honorary director and founder of the Laboratory of Signalling and Cardiovascular Pathophysiology - [Inserm unit 1180](#). His lab is based at the Faculty of Pharmacy of the University of Paris-Saclay. After graduating

pathophysiology now forming the basis of current knowledge.

He demonstrated that intracellular microdomains of cAMP and cGMP signaling govern the various responses of the heart to hormones and neuromediators such as catecholamines, natriuretic peptides and NO. He showed that these domains are controlled by a large family of phosphodiesterases (PDEs), enzymes responsible for the degradation of cAMP and cGMP. He also showed that PDEs are strongly modified during hypertrophy and heart failure (HF), resulting in a loss of signaling compartmentation that favors disease progression. Recently, he showed that activation of specific PDEs can restore cAMP compartmentation in the failing heart, a proof of concept for a novel therapeutic approach in HF.

Dr. Fischmeister has published over 170 papers in peer-reviewed international journals, accumulated >10700 citations (with 31 papers cited >100 times), and his current H-index is 60. He has been invited to 160 scientific meetings and >100 seminars around the world. He has served as external referee for NIH, NSF, MRC, Wellcome Trust, CNR, Telethon, Government of Canada, etc. He has reviewed papers for >20 different journals and is currently on the Editorial board of Circulation. He has been President of an INSERM Study Section (2008-2012) and is an elected member of several professional organizations, member of the Academia Europaea, Past-President of the European Section of the ISHR. He has received several prizes and awards (Jeanne-Philippe Beziat Cardiology Prize 2012, Alain Castaigne Prize 2014, Grand prix de Cardiologie Lamonica 2016, Peter Harris Distinguished Scientist award of the ISHR in 2022. He has also trained >30 young post-graduate researchers, half of them coming from foreign countries.

## Bohuslav Ostadal Award: Dr. Ferenc Gallyas Jr., Pecs, Hungary



*Dr. Ferenc Gallyas Jr.*

After graduating as a chemist MSc in 1985, Dr. Ferenc Gallyas Jr. worked for the Pharmacology Research Centre of Chemical Factory G. Richter Ltd. (Budapest, Hungary) as a researcher for 3 years before joining the University of Pecs Medical School (Pecs, Hungary), where he is a Full Professor and Head

of the Department of Biochemistry and Medical Chemistry. He obtained his PhD in 1995 and DSc in 2008. He studies mechanisms of cell death with special interest in mitochondrial mechanisms and poly(ADP-ribose) polymerase-mediated cellular signalling. He has co-authored more than 100 scientific publications, which have received more than 3500 citations, his publication H-index is 32 and he has been an invited speaker at several prestigious conferences.

Dr. Gallyas is a member of seven Hungarian and three international scientific societies, Section Editor for PLoS One, editorial board member of Cancers and PeerJ and is a reviewer for major journals and scientific foundations.

## Andras Varro Award: Dr. Danina Muntean, Timisoara, Romania



*Dr. Danina Muntean*

Danina M. Muntean, MD, PhD, Dr.Hab, is tenured Professor of Pathophysiology and Director of the Centre for Translational Research and Systems Medicine, Faculty of Medicine, "Victor Babeş" University of Medicine and Pharmacy from Timișoara, Romania.

Dr. Muntean graduated with distinction (Emeritus Diploma) from the Faculty of Medicine in 1989. Between 1991 and 2007 she occupied all the hierarchical positions, from Junior Assistant, Assistant-Professor, Lecturer, Associate Professor, and then Full Professor at the Department of Pathophysiology. She served as Chair of Pathophysiology for 10 years, from 2009 to 2019. She is the first-author/co-author of more than 25 books (manuals/practical guides) of Pathophysiology in Romanian, English, and French languages. She is very much involved in the research activities of the Centre for Translational Research and Systems Medicine that she founded back to 2014 and, which is currently ranked as Advanced Research Center of the university. Her research interests span several interrelated fields, namely, strategies of cardiovascular protection in animal models, tackling the

central role of mitochondria, oxidative stress with special focus on monoamine oxidase (MAO), mitochondrial dysfunction in cardiometabolic disease, ageing and cancer, endothelial dysfunction, and encompass the spectrum from pathophysiological mechanisms to novel therapeutic approaches. She served as director of 2 international projects, member in the team of 9 projects (of which, representative for Romania in the Management Committee of 6 COST actions, one on-going), coordinator of 5 national projects, and team member in 10 other projects.

Aside from her passion for science, a top priority for Dr. Muntean has always been the education through research of undergraduate medical students and graduates in both Medicine and Pharmacy. She has been committed to mentoring since 2008. So far, she has guided 22 students to the PhD degree (12 of them graduated with *Summa Cum Laude* and more than 75% were women) and currently serves as mentor for 7 PhD students (5 women, 2 men) and co-mentor for other 3 PhDs (2 women, 1 man). Several PhDs that she coordinated are now independent researchers and hold academic titles within the Faculties of Medicine and Pharmacy of the university. She has authored more than 100 scientific papers and book chapters.

She is the recipient for a Prize for Excellence in Teaching at the Faculty of Medicine and more than 55 prizes (national/international) of the mentored undergraduate students/PhD students/postdocs. Prof. Muntean's national and international recognition is attested to by her



involvement is several activities. She was selected to be Associate Editor of *Molecular and Cellular Biochemistry*, a well-established international journal that covers all subspecialties in medical research and has an impact factor of 4.3. Commission 6 “*Medical Sciences*” (2008-2010). She is currently Vice-President of the Romanian Society of Pathophysiology, one of the founding member of the *Working Group for Experimental Cardiology* within the Romanian Society of Cardiology, and Vice-President of the IACS-European Section. On the 28<sup>th</sup> of March 2024, Dr. Danina Muntean was awarded the title of Visiting

Professor at the Faculty of Medicine from the University of Kragujevac, Serbia. In the academic realm, she has been Rector’s Counselor for Scientific Research (2020 to date), member of the University Senate (since 2012 to date), President of the Senate Commission for Academic Development (2024-2029), President of the Senate Commission for Revision of University Charter and Regulations (2016-2023), President of the Senate Commission for University Studies and Academic Evaluation (2012-2015), and Member of the Scientific Council of the university (2008-2012).

## Jan Slezak Award: Dr. Lorrie Kirshenbaum, Winnipeg, Canada



*Dr. Lorrie Kirshenbaum*

Dr. Lorrie A. Kirshenbaum is Director of the Institute of Cardiovascular Sciences (ICS) at the St. Boniface Hospital Albrechtsen Research Centre, Canada Research Chair in Molecular Cardiology, Professor and

Division Head of Cardiovascular Science and Disease, Department of Physiology and Pathophysiology at the Rady Faculty of Health Sciences at the University of Manitoba. A major focus of Dr. Kirshenbaum’s laboratory is directed toward understanding the molecular pathways that underlie sex specific difference in heart failure.

Dr. Kirshenbaum is investigating mechanisms that regulate cellular quality control mechanisms in heart, a process known as “autophagy” with a focus on mitochondrial metabolism.

Dr. Kirshenbaum’s major contributions include discovery of the Bcl-2 family protein Bnip3 and its role in the development of heart failure after heart attack. Dr. Kirshenbaum is internationally recognized for his pioneering work and has published over 300+ research articles in prestigious high-profile journals, such as *Nature Medicine*, *Nature Cancer*, *Journal of Clinical Investigation*, as well as several text book chapters, books and has received several prestigious honours and awards for his research and leadership achievements. Dr. Kirshenbaum serves on many journal editorial boards and international committees, as well as national and international peer review grant panels including Canadian Institutes of Health Research, Heart and Stroke Foundation of Canada, American Heart Association and has served as the chair of the National Institute of Health and Centre for Scientific Advancement Study Section in the United States.

## Howard Morgan Award: Dr. Gerd Heusch, Essen, Germany



*Dr. Gerd Heusch*

Dr. Gerd Heusch studied medicine at the Universities of Düsseldorf and Bonn (MD in 1980). From 1980 to 1985 he was a postdoctoral fellow in the Department of Physiology at the University of Düsseldorf (PhD in 1985). He was then a

research cardiologist at the University of California, San Diego under Dr. John Ross Jr. After his return to Düsseldorf, he was awarded a Heisenberg scholarship by the German Research Foundation and worked in the Departments of Physiology and Cardiology (Prof. Franz Loogen). In 1989 he was appointed professor and chair of the Institute for Pathophysiology at the University of Essen, a position which he held until February 2024; he is currently emeritus professor there. From 1999 to 2000 he spent a sabbatical in the Department of Physiology at the University of Southern Alabama, Mobile with Drs. Jim Downey and Michael Cohen, and he is adjunct professor

there since. Gerd Heusch's major research interests are the control of coronary blood flow, myocardial ischemia/reperfusion injury and cardioprotective strategies. He has authored more than 650 original and review articles, his h-index is triple digit.

He has been president of the German Cardiac Society and of the European Section of the International Society for Heart Research; he has also been governor of the German Chapter of the American College of Cardiology and is currently councillor of the International Academy of Cardiovascular Sciences. He has served as speaker of the medical board of the German Research Foundation and currently serves as vice president of the Nordrhein-

Westphalian Academy of Sciences and Arts. He has been awarded the William Harvey Lecture and Silver Medal of the European Society of Cardiology, the Carl Ludwig award of the German Cardiac Society and the Carl Wiggers award of the American Physiological Society.

The Medical Academy of Nishnij Novgorod (2000) and the Semmelweis University Budapest (2023) have awarded him an honour's doctorate. He is editor of Basic Research in Cardiology since 1992 and serves as editorial board member of other prestigious journals. In 2012 he was awarded the cross of merit and in 2023 the cross of merit 1. class by the president of the Federal Republic of Germany.

### Jan Slezak Award: Dr. Saadeh Suleiman, Bristol, U.K.



*Dr. Saadeh Suleiman*

Dr. Saadeh Suleiman completed his undergraduate and postgraduate studies at Bir Zeit University, American University of Beirut, and Essex University. He joined An-Najah University in Palestine in 1980 where he promoted research and contributed to its early development and became the first Dean of Research and

Postgraduate Studies. Additionally, he was active in several national committees including in the council for higher education and the British Council in East Jerusalem. Dr. Suleiman moved to the University of Bristol in the U.K. in 1988, where he currently is the Chair of Cardiac Physiology at the Medical School.

His academic activities include teaching clinical and biomedical sciences to undergraduate and postgraduate students in both Health & Life Sciences Faculties. Dr. Suleiman's research has largely focused on investigating cellular mechanisms underlying the damaging effects of cardiac insults. To address this issue, he deployed an integrated comprehensive investigative approach from mitochondria to large animal models and to clinical trials in patients. Key discoveries include the finding that injury during the Ca-paradox is mediated by Na<sup>+</sup> loading through the L-type Ca<sup>2+</sup> channels which can be modulated by temperature and that the myocardial taurine is protective through its modulation of intracellular Na<sup>+</sup>.

His clinically based research involved investigating/designing novel cardio-protective interventions during adult and paediatric cardiac surgery which has resulted in change of clinical practice. This included the finding that unlike hearts with valve disease, hearts with coronary disease can be better protected by warm rather than cold blood cardioplegia. His team was the first to show direct correlation between metabolic stress, cardiac injury and clinical outcome in paediatric patients undergoing open heart surgery and that cyanotic patients sustain cardiac injury prior to cardioplegic arrest.

Dr. Suleiman is a founding member of the Bristol Heart Institute which has become one of the top cardiovascular research institutes in the UK. In 2003, the University of Bristol awarded him the higher degree of DSc in recognition of the distinction of his research. Other distinctions include being a member of the team that was awarded the U.K. Hospital Doctor Award for Team of the Year in Surgery and runners up for Cardiovascular Medicine and election to the executive committee of the British Society for Cardiovascular Research. Additionally, he has been elected as Fellow of the International Academy of Cardiovascular Sciences, Fellow of the European Society of Cardiology, Fellow of the Royal Society of Biology, and Fellow of the Physiological Society. He has published extensively and has been successful at attracting significant funding to support his research, students, and staff. Dr. Suleiman has organised and contributed as speaker to a large number of international meetings and has acted as a reviewer for grant giving bodies and journals as well as acting as an external examiner/assessor for national and international academic institutions. He has supervised, mentored, hosted, trained, and examined hundreds of students and researchers at all levels and from different countries worldwide.

## University of Kragujevac Awards Visiting Professorships to Four Fellows of the Academy

The University of Kragujevac and Serbian Physiological Society organized a scientific meeting on Advances in Cardiovascular Sciences and Medicine under the leadership of Prof. Dr. Vladimir Jakovljevic during March 27-29, 2024. One of the highlights of the meeting was the presentation of Visiting Professorship to four Fellows of the Academy, namely: Drs. Milos Stojiljkovic (Bosnia & Herzegovina), István Baczkó (Hungary), Devendra Agrawal (USA) and Danina Muntean (Romania). Both Drs. Ranko Skrbic, Dean Faculty of Medicine, University of Banja Luka, Bosnia & Herzegovina, and Dr. Dragan Djuric, Professor of Physiology, University of Belgrade, Serbia were invited guests at this meeting. The following individuals gave invited talks in their fields of expertise:

- Dr. Naranjan S. Dhalla, University of Manitoba, Canada
- Dr. Lorrie Kirshenbaum, University of Manitoba, Canada
- Dr. Devendra Agrawal, Western University, USA
- Dr. István Baczkó, University of Szeged, Hungary
- Dr. Danina Muntean, Victor Babeş University of Medicine and Pharmacy, Romania
- Dr. Milos Stojiljkovic, University of Banja Luka, Bosnia & Herzegovina

More than 50 participants attended the Symposium.



*Visiting Professorship Awardees L to R: Drs. Stojiljkovic, Baczkó, Agrawal and Muntean with Prof. Dr. Jakovljevic in the centre*



*Some meeting participants at the celebration dinner*



# The First Asian Branch Meeting of the International Academy of Cardiovascular Sciences



## International Forum on Cardiovascular Disease, Stem Cells and Tissue Engineering

### First Round Meeting Notice

The International Academy of Cardiovascular Sciences (IACS), together with the China Stem Cell Industry Alliance, will convene the International Forum on Cardiovascular Disease, Stem Cells and Tissue Engineering in Taiyuan, Shanxi Province, China, from June 14 to 17, 2024. The forum will cover topics related to cardiovascular diseases, stem cells, tissue engineering, and other related fields, including molecular, cellular, translational, and clinical research. Additionally, workshops on stem cell product development will be offered. The conference aims to invite authoritative experts from North America, Europe, Asia, and domestic institutions to showcase the latest achievements in these fields and promote academic exchanges and cooperation.

#### Contact Information:

Tel: +86-18515005603 (Registration and Payment), +86-13994202096 (Academic Matters), +86-13167369718 (Exhibition Recruitment)

E-mail: [conference-team@foxmail.com](mailto:conference-team@foxmail.com)

#### **A. Conference Dates:**

June 14-17, 2024 (Registration on June 14, Conference on June 15-17)

#### **B. Conference Venue:**

Hubin International Hotel (Shanxi International Convention Center), Taiyuan, Shanxi Province, China

#### **C. Organizers and Sponsors:**

##### **Organizers:**

International Academy of Cardiovascular Sciences  
China Stem Cell Industry Alliance

##### **Sponsors:**

Shanxi Medical University  
MOE Key Laboratory of Coal Environmental Pathogenicity and Prevention  
National Stem Cell Translational Resource Bank  
Shanxi Key Laboratory of Birth Defect and Cell Regeneration  
The Transformation Pilot-Base of Shanxi Clinical Cell Therapy  
Shanxi Society of Biochemistry and Molecular Biology

#### **D. Conference Content:**

1. Academic Exchanges: Plenary Sessions, Sub-forum Reports, Youth Forums, Poster Presentations, etc.
2. Special Events: Satellite Meetings by Companies, Job Recruitment Seminars, etc.

#### **E. Forms of Academic Exchanges:**

1. Plenary and Special Reports: Invited by the Academic Committee.
2. Youth Scientist Forum: Applications are open to outstanding young scientists (including excellent students) in China.

#### **Application Process:**

Submit an abstract and select "Youth Scientist Forum" for the report application. Applicants will be selected based on the abstract content after the submission deadline, and feedback will be provided to the participants.

#### **Poster Presentations:**

Application Process: Submit an abstract on the conference website before April 15 (about 250 words in English or 300-1000 words in Chinese).

#### **Poster Production and Display:**

The Academic Committee will select abstracts for poster presentations and provide feedback to participants. Selected poster presenters are required to submit an electronic version of their posters according to the poster production requirements published on the conference website (deadline: May 15). The conference organization committee will produce the posters free of charge. Designated poster areas and poster exchange times will be arranged according to the topics.

**Note:** Applicants must pay the registration fee before April 15, 2024. Failure to pay the registration fee on time will result in the forfeiture of the poster presentation.

**Remark:** Awards such as the Youth Scientist Forum Award and the Excellent Poster Award will be established at the conference.

#### **F. Exhibition Recruitment:**

Exhibitions will be held concurrently with the conference. Companies and manufacturers are welcome to participate. Please refer to the "Exhibition Recruitment Notice" on the conference website for details.

### G. Conference Fees:

1.Travel and accommodation expenses are to be borne by the participants themselves.

2.Registration Fee Standards:

participants	Participant Category Before April 15	April 16 to May 1	On-site registration from May 2nd
General Participant	250 USD	310 USD	350 USD
Student (must hold a valid student ID card)	170 USD	180 USD	200 USD
Enterprise representatives attending the conference	420 USD	500 USD	560 USD

**(Note: The above fees are based on the actual payment time. For organizations with more than 2 participants, the registration fee for the additional personnel will enjoy a 20% discount).**

3.Registration and payment for the conference should be completed on the conference website (sxmu2024.sciconf.cn).

### H. Accommodation:

Hubin International Hotel (Shanxi International Convention Center) and nearby hotels. Please stay tuned for updated accommodation information in subsequent conference notifications.

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# 11<sup>th</sup> Annual IACS-NAS

Meeting of the North American Section of the  
International Academy of Cardiovascular Sciences

September 19 - 21, 2024  
HOUSTON, TEXAS

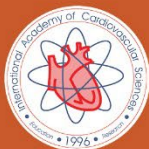
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Priyatansh Gurha, PhD  
Reza Ardehali, MD, PhD, FAHA  
Xander Wehrens, MD, PhD  
Junichi Sadoshima, MD, PhD  
Lorrie Kirshenbaum, PhD  
Yibin Wang, PhD



UTHealth Houston

THE TEXAS HEART INSTITUTE

# Organizing Committee

## Conference Chair

Ali J. Marian

- Professor of Molecular Medicine and Internal Medicine (Cardiology)
- Director, IMM-Center for Cardiovascular Genetics
- James T. Willerson Distinguished Chair in Cardiovascular Research
- McGovern Medical School, Houston, TX

## Conference Co-Chair

Joseph G. Rogers

- President and Chief Executive Officer
- O'Quinn/Willerson Endowed Chair
- The Texas Heart Institute
- Houston, TX

## Honorary Chair

Naranjan S. Dhalla

- Distinguished Professor
- University of Manitoba, Canada

## Scientific Advisors

Reza Ardehali, Houston, USA

John P. Cooke, Houston, USA

Priyatansh Gurha, Houston, USA

Lorrie Kirshenbaum, Winnipeg, Canada

James F. Martin, Houston, USA

Dianna M. Milewicz, Houston, USA

Jagat Narula, Houston, USA

Mehdi Razavi, Houston, USA

Leila Rouhi, Newark, USA

Junichi Sadoshima, Newark, USA

Heinrich Taegtmeier, Houston, USA

Xander H.T. Wehrens, Houston, USA

Darren Woodside, Houston, USA

Yibin Wang, Singapore

## Named Awards

- IACS Medal of Merit: This highest honor of the Academy is bestowed for outstanding Achievements in Cardiovascular Education and Research
- Howard Morgan Award for Distinguished Achievements in Cardiovascular Research
- Naranjan Dhalla Award for Innovation in Cardiovascular Sciences
- James Willerson Award for Excellence in Cardiovascular Sciences
- Makato Nagano Award for Distinguished Achievements in Cardiovascular Research
- Grant Pierce Award for Excellence in Cardiovascular Sciences
- Jawahar (Jay) Mehta Award for Clinical Scientist
- Amarjit Arneja Distinguished Lecture Award for Prevention of Heart Disease
- Paul Ganguly Distinguished Lecture Award in Cardiovascular Sciences
- Lifetime Achievement Award
- Distinguished Leadership Award
- Distinguished Service in Cardiovascular Science, Medicine & Surgery Award



## Poster Awards

- Morris Karmazyn Poster Awards (4)
- Margaret Moffat Poster Awards (4)

## Symposia Topics

1. Gary Lopaschuk Graduate Student Awards Symposium
2. Diabetic and Cardiovascular Complications
3. Advances in Cardiovascular Medicine Symposium
4. Heart Failure (HFpEF, HFrEF)
5. Cardiovascular Repair and Regeneration Medicine
6. Inflammation and Resolution in Cardiovascular Disease
7. Cardiovascular Metabolism and Abnormalities
8. Epigenetics, Genomics and Cardiovascular Disease
9. Small Molecule-based Drug Discovery for Cardiovascular Diseases
10. Roberto Bolli Award Competition for Young Investigator
11. Advances in Cardiovascular Sciences Symposium
12. Drug Delivery and Drug Targeting to Cardiovascular System, Nanotechnology
13. Clinically Relevant Large Animal Models in Cardiovascular Diseases
14. Buddha Dawn Award Symposium for Early-career Investigators
15. William Saunders Endowed Symposium for Geriatric Pharmacotherapy and Aging
16. Cardio-Oncology Platform for Discovery in Cardiovascular Medicine
17. Institute of Cardiovascular Sciences Symposium for Women Heart Health
18. Bioinformatics and Artificial Intelligence for Research and Clinical Applications

## Scientific Program Snapshot

### September 19, 2024

<b>Registration Starts:</b>	1.00 PM Onwards
<b>Tribute to Dr. James T. Willerson:</b>	4.00 PM Onwards
<b>Keynote Lectures:</b>	5.00 PM - 6.00 PM
<b>Hors d'oeuvre &amp; Beverages:</b>	6.00 PM - 7.30 PM
<b>Reception Dinner:</b>	7.30 PM - 9.00 PM

### September 20, 2024

<b>Breakfast:</b>	7.00 AM Onwards
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For Embassy Suites Guests Only

<b>Plenary Lectures:</b>	8.00 AM - 8.50 AM
<b>Scientific Sessions 1-3:</b>	9.00 AM- 10.30 AM

3 parallel sessions and 4 talks in each session.

Each speaker gets 20 minutes including a 15 min presentation and 3-4 minutes for Q&A

-- Coffee break --

<b>Scientific Sessions 4-6:</b>	10.45 - 12 PM
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**Lunch:** 12.00 - 1.30 PM

**Scientific Sessions 7-9:** 1.30 – 3.00 PM

-- Coffee break --

**Fire Side Chat 1 / Fire Side Chat 2:** 3.15 - 4.15 PM

**Poster Presentation:** 5.00 PM - 6.00 PM

## **September 21, 2024**

**Breakfast:** 7.00 AM Onwards

For Embassy Suites Guests Only

**Plenary Lectures:** 8.00 AM - 8.50 AM

**Scientific Sessions 10-12:** 9.00 AM - 10.30 AM

3 parallel sessions and 4 talks in each session.

Each speaker gets 20 minutes including a 15 min presentation and 3-4 minutes for Q&A

-- Coffee break --

**Scientific Sessions 13-15:** 10.45 AM - 12.00 PM

**Lunch:** 12.00 PM - 1.30 PM

**Scientific Sessions 16-18:** 1.30 PM - 3.00 PM

-- Coffee break --

**Scientific Writing and Grant Writing  
by Eminent Speakers:** 3.15 PM - 4.15 PM

**Poster Presentation:** 5.00 PM - 6.00 PM

30 -40 posters will be presented

**Awards and Gala Dinner:** 6.30 PM Onwards

## **Event Registration**

**Regular:** \$ 350 US (Before July 1, 2024)

**Student / Trainee / Staff:** \$ 200 US (Before July 1, 2024)

**Industry Participants:** \$ 650

## **Hotel Accommodation**

Embassy Suites Houston Downtown

1515 Dallas Street, Houston, TX

Book online or call +188 881 02843

## **Distinguished Speakers**

*Reza Ardehali, Houston, USA*  
*John P. Cooke, Houston, USA*  
*Thomas Cooper, Houston, USA*  
*Buddhadeb Dawn, Las Vegas, USA*  
*Anita Deswal, Houston, USA*  
*Naranjan Dhalla, Winnipeg, Canada*  
*Sanjiv Dhingra, Winnipeg, Canada*  
*Dragan M. Djuric, Belgrade, Serbia*  
*Nikolaos G. Frangogiannis, Houston, USA*  
*Priyatansh Gurha, Houston, USA*  
*Asa B. Gustafsson, La Jolla, USA*  
*Joshua M. Hare, Miami, USA*  
*Bradford G. Hill, Louisville, USA*  
*Jason Karch, Houston, USA*  
*Lorrie Kirshenbaum, Winnipeg, Canada*  
*Gary D Lopaschuk, Edmonton, Canada*  
*Na Li, Houston, USA*

*James F. Martin, Houston, USA*  
*Dianna M. Milewicz, Houston, USA*  
*Tamer Mahmoud Abdelfattah Mohamed, Houston, USA*  
*Sherif Nagueh, Houston, USA*  
*Vihang Narkar, Houston, USA*  
*Emerson Perin, Houston, USA*  
*William Pu, Boston, USA*  
*Leila Rouhi, Newark, USA*  
*Junichi Sadoshima, Newark, USA*  
*Philipp Scherer, Dallas, USA*  
*Ying H. Shen, Houston, USA*  
*Rhian Touyz, Montreal, Canada*  
*Yibin Wang, Singapore*  
*Xander Wehrens, Houston, USA*  
*Darren Woodside, Houston, USA*  
*Jay Zhang, Birmingham, USA*

**Conference Link:** <https://iacs-nas.com/>

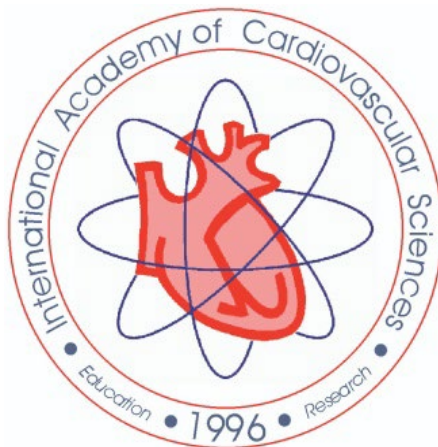
## **Conference Contacts:**

### **Conference Chair**

Dr. Ali J. Marian  
UTHealth Houston  
McGovern Medical School  
Houston, TX, USA  
Email: [Ali.J.Marian@uth.tmc.edu](mailto:Ali.J.Marian@uth.tmc.edu)

### **Conference Co-chair**

Dr. Joseph G. Rogers  
The Texas Heart Institute  
Houston, TX, USA  
Email: [jrogers@texasheart.org](mailto:jrogers@texasheart.org)



# 30<sup>TH</sup> SCIENTIFIC FORUM

INTERNATIONAL CONGRESS OF CARDIOVASCULAR SCIENCES

*Prof. Dr. Otoni Moreira Gomes*

ORGANIZATION: SÃO FRANCISCO DE ASSIS CARDIOVASCULAR INSTITUTE

TRUTH IS JESUS – JOHN 14:6

Vitoria, ES, Brazil 🇧🇷 **October 17-19, 2024**

Meridional Vitória Hospital Auditorium



**30<sup>TH</sup> INTERNATIONAL SCIENTIFIC FORUM ON  
CARDIOVASCULAR SCIENCES**



**22<sup>ND</sup> MEETING OF THE INTERNATIONAL ACADEMY OF  
CARDIOVASCULAR SCIENCES - SOUTH AMERICAN SECTION**



◇ Prof. Dr. Naranjan Dhalla Symposium – International Academy of Cardiovascular Sciences (IACS) South American Section

◇ Centrocór Clinic Symposium

◇ Rede Meridional Symposium

◇ Brazilian Society of Cardiology of Espírito Santo Symposium

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Registration and informations

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President of Congress: Prof. Dr. Melchior Luiz Lima

# 10th Annual Meeting of the European Section of the International Academy of Cardiovascular Sciences

OCTOBER 28 - 30, 2024

Bratislava, Slovakia



**Meeting Venue**



**Congress Centre**



**Accommodation**



**Bratislava**

The IACS-ES meeting will take place in the hotel TATRA in Bratislava, Slovakia. It is situated in the city centre and offers the congress premises with different space capacity which are equipped with the state-of-the-art technology. Hotel Tatra is one of the top accommodation facilities in Bratislava.

Bratislava is the capital city of Slovakia. Many attractions are within walking distance from the hotel.

[www.iacs2024.eu](http://www.iacs2024.eu)

## ***Welcome message***

### **Greetings from the chairperson**

On behalf of the local organizing committee, I would like to welcome all of you to Bratislava, Slovak Republic for the 10th Jubilee Meeting of the European Section of the International Academy of Cardiovascular Sciences on October 28th to October 30th, 2024. The International Academy of Cardiovascular Sciences (IACS) is a unique, scientific organization promoting cardiovascular science, networking and mobility of students, and fellows. The first meeting of the European Section of the International Academy of Cardiovascular Sciences (IACS-ES) was held in Balatongyörök, Hungary, October 8-11, 2015 and was organized regularly each year except for 2020 due to the COVID pandemic. In 2024, there will be the 10th Jubilee Meeting of the IACS-ES.

The 10th annual meeting of the IACS-ES will provide a platform for basic and clinical scientists to present their new findings. It will feature keynote lectures given by distinguished speakers and will also promote the young scientists in their careers through scientific discussion, interaction and networking. The motto of the 10th Jubilee Meeting of the IACS-ES conference is “Know the heart: novel insights into prevention and treatment of heart disease to live and promote a healthy lifestyle”

“We hope that all delegates will benefit through a fruitful exchange of views, discussions and networking. We also believe that we all together will make this meeting successful and that the 10th anniversary of the European Section Meeting of the International Academy of Cardiovascular Sciences will be an unforgettable experience”.

Adriana Duris Adameova, Prof. PharmD. PhD., FIACS  
Chair of the meeting

## ***The Scientific Topics of the 10th Meeting of the IACS-ES***

- Cardiac inflammation and immunology
- Women’s heart: when gender matters
- Cardiac ageing
- Inter-organ communication in heart disease
- Extracellular vesicles and the cardiovascular system
- Cardiac electrophysiology and arrhythmias
- Heart failure
- Bio-engineering in heart research
- Myocardial adaptation and novel targets of cardioprotection
- Healthy diet for healthy heart
- Cardiac toxicity of non-cardiovascular drugs
- Efficacy and safety of novel pharmacological interventions for treatment of cardiovascular diseases
- Aspects of clinical pharmacy in the management of heart disease

## ***Registration Fees***

The registration fee includes attendance at the meeting sessions, a congress bag with congress materials, coffee breaks, lunches, a welcome reception, and a gala dinner and awards ceremony. \*

	<b>before September 15, 2024</b>	<b>after September 15, 2024</b>	<b>On-site (Only cash in EUR)</b>
PhD student, Early career investigator *	170 €	190 €	200 €
Mid-career and senior researcher	250 €	270 €	300 €
Accompanying person	170 €	190 €	200 €

Early Career Investigator – a researcher within eight years of the award of the PhD; Fees include 20% VAT

## ***Important dates***

March 1, 2024: Registration Opening

September 15, 2024: Registration Deadline

September 15, 2024: Abstract Submission Deadline

September 15, 2024: Submission deadline for the Young Investigator Award Session

The meeting will take place in the Hotel TATRA in Bratislava, Slovak Republic which is situated just in the center of Bratislava. The congress premises with different space capacities are equipped with state-of-the-art technology. Further information on the congress center can be found on the hotel website: [hoteltatra.sk/en/congresses](http://hoteltatra.sk/en/congresses)



## ***Accommodation***

For congress participants, a certain number of hotel rooms in the congress **hotel TATRA** is pre-reserved. There are several types of hotel rooms which are spacious, tastefully furnished and equipped with the latest information technology.

Please make your reservation via either email at [rezervacie@hoteltatra.sk](mailto:rezervacie@hoteltatra.sk) or by phone at +421 2 592 71 111 and refer to a **congress promo code "IACS2024"** to get a special reduced price for the accommodation.

The special prices for the hotel rooms during the conference are as follows:

- Double room 110€ + city fee 3,50 €/night
- Single room 90€ + city fee 3,50 €/night
- Triple room 200€ + city fee 3,50 €/night

Please note that breakfast is included in the price for all room types. Check-in is allowed from 14:00 and the check-out is until 11:00.

More information about the accommodation in the hotel TATRA can be found on the hotel website: <https://hoteltatra.sk/en/accommodation/>

## ***Gala dinner & Awards ceremony***

On October 29, 2024, a gala dinner together with an awards ceremony will be held.

## ***Young Investigator Award Session***

Young investigators (PhD students and scientists within eight years of the award of the PhD) are highly encouraged to submit their CV, and a maximum 2-page summary of their research project constituting the basis of their talk to the e-mail of the congress: [iacs.es2024@gmail.com](mailto:iacs.es2024@gmail.com) Based on the quality of their projects, a scientific committee will choose 8 finalists who will present their work at the Young Investigator Award Session at the meeting and the best oral presentations will be awarded.

The submission **deadline** is September 15, 2024

## ***Poster Awards for Young Investigators***

Several poster awards will be available for young investigators (PhD students and scientists within eight years of the award of the PhD). The awardees will be selected by a two-member committee. During online registration, please indicate that you are interested in participating in the Poster Awards competition.

- The poster board format will be a portrait A0 size (841×1189 mm)
- Poster Awards for Young Investigators will be available for the young investigators.

## ***City Attractions***

There are several attractions and must-see places within walking distance from the hotel. Hodžovo square (Hodžovo námestie) is the closest square to the hotel (1-min walk) where the Grassalkovich Palace, a residence of the President of Slovakia, can be found.

Another brief walk can take you to the The Freedom Square (Námestie slobody), where a newly renovated huge fountain can be found. From here, you can walk to the Old Town of Bratislava and just wander around the streets. Shortly you will notice a tower of the Michael's Gate (Michalská brána) and find a compass underneath it, depicting the distance from the point where you are standing to several bigger cities.

If you get deeper into the streets of the Old Town, you can also come across the Blue Church (Modrý kostolík). In case you would like to see some art pieces, you can visit the recently renovated Slovak National Gallery which is situated near the Danube River. From there, if you walk along the riverside, you will see a UFO-like architecture above the Bridge of Freedom which functions as a restaurant.

From this point, if you do not mind climbing a few stairs, you can walk up to the Bratislava Castle which offers a walk-in tour, but also a nice garden with an impressive view on the city. In case you prefer less walking, you can take bus number 47 from "Hodžovo námestie" which will drop you off directly at the gate of the castle (the bus stop is called Castle -Hrad). From here you can either walk or catch again the bus number 47 and drop off at "Búdková" stop to walk up to Slavín – a memorial monument and military cemetery for the victims of WWII.





### ***Meeting contact***

[iacs.es2024@gmail.com](mailto:iacs.es2024@gmail.com)

### ***Conference Link***

[www.iacs2024.eu](http://www.iacs2024.eu)

#### *Chair of the meeting:*

**Adriana Duris Adameova, Prof. PharmD. PhD., FIACS**

[adriana.duris.adameova@uniba.sk](mailto:adriana.duris.adameova@uniba.sk)

[adriana.duris.adameova@savba.sk](mailto:adriana.duris.adameova@savba.sk)

#### *Vice-chairs of the meeting:*

**Tanya Ravingerova, MD, PhD, DSc,  
FIACS**

[tatiana.ravingerova@savba.sk](mailto:tatiana.ravingerova@savba.sk)

**Jan Slezak, Prof. MD, PhD, DSc,  
FIACS**

[jan.slezak@savba.sk](mailto:jan.slezak@savba.sk)

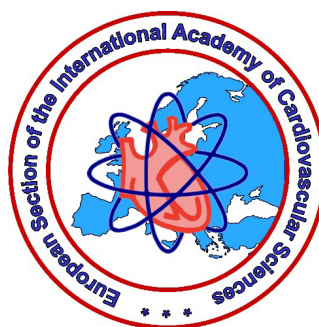
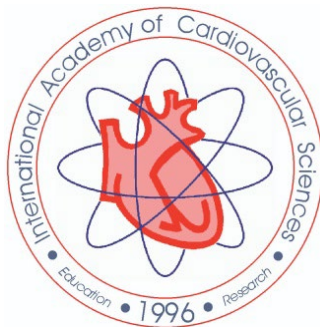
#### *Scientific Secretary:*

**Tomas Rajtik, Doc. PharmDr. PhD.**

[tomas.rajtik@uniba.sk](mailto:tomas.rajtik@uniba.sk)

**Csaba Horvath, PharmDr. PhD.**

[csaba.horvath@uniba.sk](mailto:csaba.horvath@uniba.sk)



**Officers, Advisory Board and Executive Council of International  
Academy of Cardiovascular Sciences**

**(Honorary Life President: Naranjan S. Dhalla)**

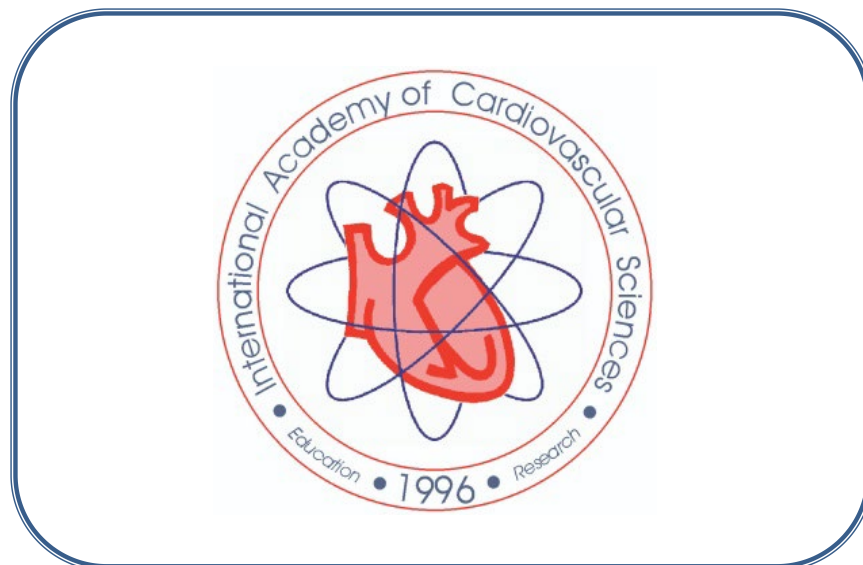
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**President-Elect:** Andras Varro, Szeged, Hungary  
**Past President:** Roberto Bolli, Louisville, USA  
**Executive Director:** Naranjan S. Dhalla, Winnipeg, Canada

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Ricardo J. Gelpi, Buenos Aires, Argentina	Jawahar L. Mehta, Little Rock, USA
Ramesh K. Goyal, New Delhi, India	Tatiana Ravingerova, Bratislava, Slovak Republic
Rhian M. Touyz, Montreal, Canada	



## Invitation to Become a Member of the IACS

Membership of the Academy are classified as follows:

- **Members:** Any individual at the rank of full professor, senior scientist, celebrated cardiologist or cardiovascular surgeon who has made substantial contributions in their field of expertise, can be nominated for membership of the Academy.
- **Fellows:** The Fellow of the Academy will be elected by membership with an 80% majority. The Fellow must be a member of the Academy. The number of Fellows will not exceed 250 at any given time.
- **Corporate Members:** Any corporation or organization which shares the mission of the Academy and is willing to support its activities will be invited to become Corporate Members.
- **Patrons and Supporters:** Any individual who shares the mission of the Academy and is willing to support its activities will be invited to become part of the Academy in an appropriate category

For the North American Section of the Academy, membership fees are as follows:

Lifetime Member	Student/Trainee Member	1-Year Member	3-Year Member
\$1,000.00	\$50.00/Year	\$100.00/Year	\$250.00/3 years

The benefits to being a valued member of the IACS- North American Section include:

- Discounted registration fee at annual meetings (paid membership by 31st December will be eligible for discounted registration in the following year)
- Priority registration and housing for scientific conferences
- IACS-NAS Leadership opportunities
- Consideration to become a Fellow of the IACS
- Eligible for IACS-NAS Council awards and travel grants
- Workshops
- Networking with colleagues and established investigators
- Complimentary access to the IACS CV Network

For enquiries, please contact Devendra Agrawal at [DAgrawal@WesternU.edu](mailto:DAgrawal@WesternU.edu) or call at 402-690-3667; for further information on membership of the Academy please visit: [www.iacsworld.com](http://www.iacsworld.com)

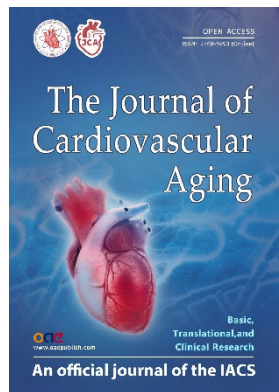
## Partnering Journals of the IACS



*Canadian Journal of Physiology and Pharmacology*  
**Impact Factor: 2.273**

**Editor:**  
**Dr. Lorrie A. Kirshenbaum**

**Editorial Office:**  
 Canadian Science Publisher  
 1840 Woodward Drive, Suite 1  
 Ottawa, ON K2C 0P7 Canada  
 Email: [cjpp@cdnsciencepub.com](mailto:cjpp@cdnsciencepub.com)



*The Journal of Cardiovascular Aging*  
**An Open Access Journal**

**Editor:**  
**Dr. Ali J. Marian**

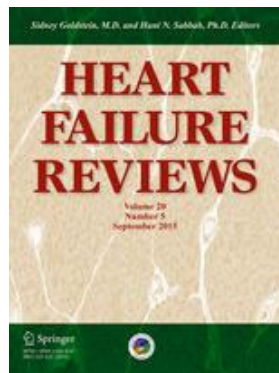
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 Email: [editorialoffice@cardiovascularaging.com](mailto:editorialoffice@cardiovascularaging.com);  
[cardiovascularaging@gmail.com](mailto:cardiovascularaging@gmail.com)



*American Journal of Cardiovascular Drugs*  
**Impact Factor: 3.0; CiteScore: 6.2**

**Editor:**  
**Dr. Amitabh Prakash**

**Editorial Office:**  
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*Heart Failure Reviews*  
**Impact Factor: 4.214**

**Editors:**  
**Dr. Sidney Goldstein**  
**Dr. Hani N. Sabbah**

**Editorial Office:**  
 233 Spring Street  
 New York, NY 10013-1578 USA

### IACS partnering journals:

1. *Canadian Journal of Physiology and Pharmacology*
2. *The Journal of Cardiovascular Aging*
3. *American Journal of Cardiovascular Drugs*
4. *Heart Failure Review*

Readers are encouraged to submit original research articles and reviews to these partnering journals.