

The Paul Dudley White International Scholar Award recognizes authors that contributed to the highest ranked accepted abstract from each country that submitted abstracts to an AHA scientific meeting. Dr. Paul Dudley White was one of the founders of the American Heart Association and championed global cardiovascular health strategies.

List of 2024 AHA Meetings

<u>Basic Cardiovascular Sciences Scientific Sessions</u>	2-4
<u>EPI Lifestyle Scientific Sessions</u>	5-7
<u>Hypertension Sciences Scientific Sessions</u>	8-11
<u>International Stroke Conference</u>	12-17
<u>Resuscitation Science Symposium</u>	18-20
<u>Scientific Sessions</u>	21-30
<u>Vascular Discovery Scientific Sessions</u>	31-33

Basic Cardiovascular Sciences Scientific Sessions 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	A.M. Parker , S. Song, M. De Blasio, R.H. Ritchie, J. Lees, J. Phang, S.Y. Lim	Using Human Cardiac Organoids to Elucidate the Cardioprotective Potential of Mitochondrial-Targeted Therapies in a Preclinical Model of Diabetic Cardiomyopathy
Austria	C. Dostal, R. Steiner, S. Baydar, J. Reiner, P. Pokreisz, N. Pilat, S. hallstrom, B. Podesser, A. Kiss , D. Abraham, H. Gong, J.A. Kirk, E. Ehler, L. Bakari, E. Wagner, B. Hackl, E.L. Liliu, X. Koenig, C. Riganti, A. Ghigo	Evidence for cardiomyocyte dysfunction in cancer-induced cachexia in mice
Belgium	B. Goovaerts , C. Civati, E. Feyen, G. De Keulenaer, V.F. Segers	A New Small-Molecule ErbB4 Agonist Attenuates Adverse Ventricular Remodeling After Myocardial Infarction In a Sex-Specific Manner
Brazil	A.D. Lorenzo , A. Arpini, L. Sabioni, M. Santos Fernandes, G. Dias	DNA Damage and Repair in Patients Undergoing Myocardial Perfusion Single-Photon Emission Computed Tomography
Canada	Q. Sun , C.S. Wagg, N. Wang, G.D. Lopaschuk, E. Ketema, L. Zhang	Increasing ketone supply to the heart has beneficial effects on the source of cardiac ATP production in heart failure with preserved ejection fraction (HFpEF)
China	L. Peng , Y. Guo, X. Han, S. Wang, Z. Luo, Y. Xia, H. Tan, X. Xu, Q. Liu, F. Ding, H. Zhao, Y. Wang, L. Tao, W. Yan	Macrophage Piezo1 exacerbates cardiac dysfunction through inhibiting clearance of apoptotic cardiomyocytes after myocardial infarction
Czech Republic	M. Miklovic , O. Gawrys, Z. Honetschlagerova, Z. Huskova, S. Kikerlova, Z. Vanourkova, M. Adamova, S. Jichova, P. Kala, H. Maxova, Department of Pathophysiology, G. Puertas-Frias, T. Mracek, M. Kitamoto, A. Kvasilova, D. Sedmera, V. Melenovsky	Renal denervation enhances right ventricular function, reduces myocardial damage, and restores myocardial sympathetic signaling in rats with heart failure induced by volume overload

France	A. Weiss, K. Sharkova, W.H. Zimmermann, N. Wiest-Daessle, P. Sommer, K. Gkatzis	Integration of deep learning assisted high-content screening and deep tissue-phenotyping to identify cardioprotective compounds in dilated cardiomyopathy
Germany	F. Senger , E. Haas, N. Frey, A. Remes, C. Tannert, O. Mueller	FYCO1 ameliorates cardiac remodeling in response to ischemia by amplifying autophagic flux
India	H. Chittora	Novel Structural and Biochemical Effects of Nexilin Associated Hypertrophic Cardiomyopathy
Italy	A. Tarantino , D. Melgari, I. Lavota, P. Rota, A. Frosio, C. Pappone, I. Rivolta, L. Anastasia	Restoring NaV1.5 Mutant Functionality in Arrhythmia with ManNAc Supplementation
Japan	N. Liu , A. Nakano	Contribution of local hematopoiesis to endocardial cushion remodeling during development
Republic of Korea	J. Kim , J. Park, H.J. Park, Y. Choi	3D spheroids composed by induced Skeletal Muscle Progenitor Cells and Mesenchymal Stem Cells derived from human Pluripotent Stem Cells can recapitulate embryonic niches in hindlimb ischemia model
Netherlands	Q. Yuan, J.W. Buikema , J. van der Velden, R. Kim, L.C. Zelarayan, E. Schoger, R. Boon, D.W. Kuster	Building Mass or Strength: Stage-specific Effects of Insulin and Wnt on Cell Fate Decisions in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes
New Zealand	J. Bellae Papannarao, S. Coffey, A. Gray, M. Williams, R. Katare	Serial measurement of circulating cardiovascular enriched miR-1 and -34a reflects the changes in cardiac function in patients with ischemic heart disease – a five-year follow-up study
Peru	J. Valdivia-Silva	Nitric oxide-dependent Vasodilation in Preeclampsia is impaired due to dysregulated L-arginine pathways and reduced cyclic Guanosine Monophosphate activity

Qatar	J. Alenbawi, U. Umlai, A. Kadhi, N. Hendi, G. Nemer , O. Albagha, Y. Al-Sarraj	Identifying Genetic Determinants of Phytosterol Levels: A Genome-Wide Association and Meta-Analysis Study Unveils a New Locus Influencing Campesterol Serum Concentrations
Singapore	S. Adusumalli, L. Yap , L. Ye, E. lim, S. Lim, S. Ren, Y. Wang, E. Petretto, K. Tryggvason	Hallmark Maturation of the Human Pluripotent Stem Cells-derived Cardiovascular Progenitors in Myocardial Infarcted Large Animal Model
Spain	M. Pricolo , M. López-Unzu, N. Vicente, C. Morales-Lopez, W. Perez-Franco, A. Dumitru, M. Oria-Muriel, R. Silva-Rojas, E. Herrero-Galan, J. Alegre-Cebollada, F. Espinosa Barea, R. Garcia-Garcia, M. Sanchez	Titin cleavage disrupts sarcomere-adhesion tensional homeostasis triggering cardiomyocyte arrhythmia in vitro
Taiwan	W. Chang , S. Fisch, C. Hsu	MiR-21 mitigated pulmonary hypertension induced right ventricular dysfunction through pulmonary circulating exosomes
United Arab Emirates	A.B. Elmoselhi , A. Bouzid, Z. Ibrahim, H. Al-Hroub, M. Harb, N. Soares, R. Hamoudi, M. Seif Allah, R. Siddiqui, N.A. Khan	Exploring Metabolomic Profiles in Vitamin D Deficient and Obese Individuals: Relevance to Arterial Stiffness
United Kingdom	J. Nunes Vieira , C. Roque Silva, M. Valenzuela Sanchez, H. Scheucher, T.P. Dias, M. Giacca, J. Kalisch-Smith, D. Sparrow, P. Riley	Noncoding regulation of epicardial gene expression and epithelial-to-mesenchymal transition during heart development
United States	H. Fonoudi , A. Negahi Shirazi, H. Kuo, J. Kotamarthi, C.G. Vanoye, J. Wilcox, X. Gao, M. Jouni, B. Lenny, A. Neupane, Y. Sapkota, A.L. George, P.W. Burridge	Novel Therapeutic Option for LMNA-related Cardiomyopathy

EPI|Lifestyle Scientific Sessions 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	Yaxing Meng , Feitong Wu, Juhani Koskinen, Markus Juonala, Katja Pahkala, Suvi P. Rovio, Jorma Viikari, Mika Kähönen, Olli T. Raitakari, Costan Magnussen	Low-Density Lipoprotein Cholesterol Estimation in Youth: Sampson and DeLong Equations Outperform Friedewald and Martin-Hopkins in Predicting Mid-Adult Carotid Plaque
Brazil	Victor Dourado , Agatha Matheus, Alan Barbosa, Marcello Romiti, Rodolfo Arantes	Is a Fixed Value of the Rate of Gas Exchange Appropriate to Indicate the Maximum Effort of Obese and Nonobese Adults Undergoing a Treadmill Cardiopulmonary Exercise Test?
Canada	Brian W. McCrindle , Silva Arslanian, Michele Mietus-Snyder, Elaine M. Urbina, Adam Ware, Jessica E. Teng, Felicia Trachtenberg, Mark Russell, Amy S. Shah, Mark Cartoski, Julie A. Brothers, Christine San Giovanni, Justin Zachariah, Sandra Pena, William T. Mahle, Amy Peterson, Sheela Magge, Geetha Raghuvier, Binu Sharma, Valiantsina Kazlova, Craig A. Sponseller, D'Andrea Freemon, Sarah Deferranti	A Randomized Placebo-Controlled Trial of Pitavastatin Calcium to Treat Combined Dyslipidemia of Obesity in Adolescents - The Pediatric Heart Network Dyslipidemia of Obesity Intervention in Teens (Do It!) Trial
China	Xuanwei Jiang , Victor W. Zhong	Early-Life Tobacco Exposure, Genetic Risk, and Incident Type 2 Diabetes
Colombia	Jorge A. Rios Duarte, Carlos O. Mendivil, Ricardo A. Pena-Silva	A Multinational Analysis of Perceptions of Non-Communicable Diseases
Denmark	Jiao Luo , Ida Juul Rasmussen, Borge G. Nordestgaard, Anne Tybjaerg-Hansen, Jesper Qvist Thomassen, Ruth Frikke-Schmidt	Cardiovascular Diseases and Risk of Dementia in the General Population: Observational and Genetic Studies

France	Daouda Seck , Mame Aminata Thiam, Sanam Shah, Ibrahima Bara Diop, Xavier Jouven, Nasser Laouali, Gustave Roussy, Elisabeth Lilian Sattler, Bamba Gaye	The Recommended Eating Patterns of the EAT-Lancet Commission and Type 2 Diabetes Risk: The E3N Prospective Cohort Study
Germany	Nuha Shugaa Addin , Fiona Niedermayer, Barbara Thorand, Jakob Linseisen, Jochen Seissler, Annette Peters, Susanne Rospleszcz	Association of Serum Magnesium With Metabolic Syndrome and the Role of Chronic Kidney Disease: Population-Based Cohort Study and Mendelian Randomization
Iceland	Sigridur Bjornsdottir , Hildigunnur Ulfisdottir, Elias F. Gudmundsson, Bartosz Dobies, Kolbrun Sveinsdottir, Ari Pall Isberg, Gudlaug Bjornsdottir, Sigurdur Sigurdsson, Saemundur Oddsson, Vilmundur Gudnason	Sustained Improvements in Liver Fat Reduction and Cardiometabolic Health at Nine Months After a 12 Week Digital Health Program in Individuals With Non-Alcoholic Fatty Liver Disease - A Feasibility Study
India	Paramesh Shamanna , Mala Dharmalingam, Arun Vadavi, Mohamed Thajudeen, Ashok Keshavamurthy, Suchitra Bhonsley, Shashank Joshi	Correlation Among A1c Improvement, Weight Reduction, and Decreased ASCVD Risk in Participants Enrolled for Type 2 Diabetes Remission: Outcomes at 1 Year From an RCCT Using Whole-Body Digital Twin Technology
Israel	Tomas Karpati , Tsafnat Test, Orna Reges	Variability in Predictive Error of Waist Circumference Models: A Stratified Analysis Based on Body Mass Index, Waist Circumference, and Their Ratio
Italy	Marialaura Bonaccio , Augusto F. Di Castelnuovo, Simona Costanzo, Claudia F. Martinez, Teresa Panzera, Chiara Cerletti, Maria Benedetta Donati, Giovanni De Gaetano, Licia Iacoviello	Life's Simple 7 for Cardiovascular Health is Associated With Lower Cancer Risk: Longitudinal Findings and Analysis of Potential Mechanisms From the Moli-Sani Study Cohort

Japan	Masaru Sakurai , Masao Ishizaki, Yuko Morikawa, Kazuka Yoneda, Katsuyuki Miura, Hideaki Nakagawa	Body Weight Change Mediates the Relationship Between Alcohol Intake and Incidence of Hypertension in Japanese Men
Netherlands	Maria Gabriela M. Pinho, Yvonne Koop, Joreintje Mackenbach, Jeroen Lakerveld, Mariana Simoes, Roel Vermeulen, Alfred Wagtendonk, Ilonca Vaartjes, Joline W. Beulens	Time-Varying Exposure to Food Retailers and Cardiovascular Disease Incidence and Mortality in the Netherlands: A Nationwide Prospective Cohort Study
Republic of Korea	Hokyoo Lee , Hyeok-Hee Lee, Jong Hyun Jhee, Eun Jin Kim, Hyeon Chang Kim, Donald M. Lloyd-Jones	Associations of Ideal Cardiovascular Health and Its Change With Cardiovascular-Kidney Outcomes in Young Adults
Saudi Arabia	Saja Alghamdi, Alawyah Alsaman, Om Kalthom Sowadi, Nada Khojah, Hadeel Saad, Abdullah Alansare	Prevalence of Meeting a Single versus Combined 24-Hour Movement Guidelines in Pregnant Women in Saudi Arabia
Singapore	Jie Jun Wong , Hongzhou Zhang, Fei Gao, Shuang Leng, Ru San Tan, Liang Zhong, Jean Paul Kovalik, Angela S. Koh	Favorable Ventricular-Arterial Mechanics Among Women is Associated With Better Mitochondrial Oxidation in the Left Ventricle
Taiwan	Pao Hsien Chu , Ying-Chang Tung	HDL-C Variability and Peripheral Artery Disease
United Kingdom	Jennifer L. Carter	Physical Activity and Dual Energy X-ray Absorptiometry Measured Body Composition in Global Multi-Ethnic Cohorts
United States	Ciaran N. Kohli-Lynch , Brandon K. Bellows, Andrew Edward Moran, Yiyi Zhang, John Thomas Wilkins, Norrina B. Allen, Donald M. Lloyd-Jones	Cost-Effectiveness of Intensive Lipid-Lowering in Young Adulthood

Hypertension Sciences Scientific Sessions 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Argentina	Mariano Duarte , Analia Aquieri, Silvia Rivas, Gimena Donth Leger, Valeria Pardo, Javier Coyle, Andrea Curia, Esteban Gonzalez Ballerga	Arterial Stiffness in Obese Normotensive Children: The First Cardiovascular Risk Biomarker?
Australia	Markus P. Schlaich , George L. Bakris, John M. Flack, Alberto Gimona, Krzysztof Narkiewicz, Mouna Sassi-Sayadi, Jiguang Wang, Michael A. Weber	A major effect of aprocitentan on albuminuria in patients with resistant hypertension
Brazil	Kamylle Ferraz , Adelson H. Monteiro, Sthefanie Chaves, Carolina F. Barros, Nicia Soares, Maria Jose Campagnole-Santos, Robson A. Santos	Identification Of Alamandine-(1-5) As A New Anti-Hypertensive Peptide of The Renin-Angiotensin System
Canada	Pierre Paradis , Ahmad Mahmoud, Antoine Caillon, Brandon Shokoples, Nathanne D. Ferreira, Kevin Comeau, Shinya Hatano, Yasunobu Yoshikai, Julia M. Lewis, Robert Tigelaar, Ernesto L. Schiffrin	Vy6+ $\gamma\delta$ T cells protect against angiotensin II-induced hypertension and vascular injury in male mice
Chile	Patricio Araos , Stefanny Figueroa, Gabriela Arenas, Javier I. Reyes Osorio, Javiera Saez, Jackeline Moya, Ruth Sepulveda, Joaquin Rojas, Maria Jose Fuenzalida, Luigi Gabrielli, Jorge Jalil, Maria Paz Ocaranza, Cristian Amador	The Heart Failure with Preserved Ejection Fraction Induced By High-Fat Diet and L-NAME in Mice Does not Induce a Renal Damage
China	Li Cai , Ling Yao, Qing Zhu, Shasha Liu, Duolao Wang, Jing Hong, Muralbek Heizhati, Nanfang Li	The effects of care by hypertension specialists on cardiovascular outcome, blood pressure control and cost-effectiveness among uncontrolled hypertensive patients
Germany	Anika Seniuk, Claudius Steffen, Helga Vitzthum, Christian A. Hubner, Heimo Ehmke	Targeted Deletion of NKCC1 in Vascular Smooth Muscle Cells Lowers Blood Pressure in Normotensive and Hypertensive Mice

India	Nikhil Srinivasapura Venkateshmurthy, Manisha Dubey, Reena Sehgal, Prashant Jarhyan, Rajesh Khatkar, Shiva Prasad Konkati, Manika Sharma, Nicole Ide, Dorairaj Prabhakaran, Sailesh Mohan	Co-Created Intervention Promotes Uptake of Low Sodium Iodized Salt Substitute to Control Hypertension: Results from a Large Community-based Quasi-Experimental Study from India
Ireland	Saif Syed , Ashwinikumar Shandilya, Nimrat Dhillon, Shruthi Katam, Darshine Venugopal, Ratan Pal Yadav, Danish Ahmed, Mohit Lakkimsetti, Juhi Patel, Vishrant Amin, Rohan Raj, Hardik D. Desai	Global Burden of Pulmonary Arterial Hypertension and Its Trends Across 204 Countries and Territories from 1990 to 2021: A Comprehensive Global Analysis
Israel	Benjamin Gavish, Michael Bursztyn , Luis M. Ruilope, Bryan Williams, Alejandro De La Sierra	Diastolic to Systolic Arterial stiffening has Greater Prognostic Power than Diastolic Stiffness in 20-60 Years Old Patients Undergoing 24-Hour Ambulatory Blood Pressure Monitoring
Italy	Gian Paolo D. Rossi , Teresa M. Seccia, Brasilina Caroccia, Alessandro Bressan, Giacomo Rossitto, Clement Byiringiro, Giulio Ceolotto, Ana M. Briones	Macrolides for KCNJ5-mutated Aldosterone-Producing Adenoma (MAPA): a Study for Personalized Management of Primary Aldosteronism
Japan	Wataru Fujii , Osamu Yamazaki, Yuta Kochi, Shigeru Shibata	Phosphorylation and regulation of URAT1 by insulin and NaCl: a possible mechanism linking insulin resistance and excessive salt intake to hyperuricemia
Jordan	Hadeel Al Kayed , Maryam Alqatawneh, Mahmoud Maaita, Awni Alsuradi, Husam Odaibat	Chromophobe Renal Cell Carcinoma Presenting as Hypertension in a Young Adult: A Case Report
Republic of Korea	YoungJae Ki	Effect of uncontrolled systolic blood pressure in hypertensive patients as a risk factor for CIN after coronary angiography with preventative management of CIN: single center prospective study
Netherlands	Edwyn O. Cruz-Lopez , Dien Ye, Richard Van veghel, Ingrid Garrelds, Anne Kasper, Kelly Wassarman, Ho-Chou Tu, Ivan Zlatev, Jan H. Danser	Persistent beneficial effects of angiotensinogen small interfering RNA (siRNA) and valsartan in spontaneously hypertensive rats after drug removal

Pakistan	Muhammad Yousuf , Muhammad Usman Almani	Gender Difference in the In-hospital Mortality for Hypertensive Heart Disease – United States Population-Based Survey Analysis
Philippines	Vikash Jaiswal, Christine Dawn Moral Daguipa, Sidra Naz, Deborah Tibon , Vamsikalyan R. Borra, Abhigan B. Shrestha, Akash Jaiswal, Muhammad Hanif, Jishanth Mattumpuram	Hypertensive disorders of pregnancy and the risk of Dementia, Alzheimer’s disease, and Vascular Dementia. A Systematic review and Meta-analysis of 25,03,538 women participants.
Poland	Marcin Ufnal , Lenka Tomasova, Mateusz Szudzik, Klaudia M. Maksymiuk	Differential Osmolyte Profiles in Hypertensive and Normotensive Rats.
Serbia	Tamara Gojkovic , Daniela Ardalic, Tamara Antonic, Gorica Banjac, Aleksandra Zeljkovic, Jelena Vekic, Milica Miljkovic Trailovic, Jelena Munjas, Snezana Jovicic, Marija Saric Matutinovic, Jasmina Ivanisevic, Sandra Vladimirov, Vesna Spasojevic Kalimanovska, Zeljko Mikovic, Aleksandra Stefanovic	Advanced Lipid Status Parameters in Women with Preeclampsia
South Africa	Sapna Ramdin , Sooraj Baijnath, Thajasvarie Naicker, Nalini Govender	Arginine Vasopressin-Induced Renal Dysfunction in a Rodent Model of Preeclampsia
Spain	Juan Luis Martinez, Albert Clara, Susana Vazquez, Isabel Galceran, Lidia Marcos, Maria Jose Perez Saez, Marta Crespo, Anna Oliveras	Blood Pressure and Renal Function Outcomes After Revascularization of Renal Artery Stenosis in Patients from 3 Different Clinical Settings
Switzerland	Marc Iglarz, Peter Blattmann, Roland F. Dreier, Parisa Danaietash, Mouna Sassi-Sayadi, Martine Clozel	Effect of the endothelin receptor antagonist aprocitentan on plasma endothelin, renin and aldosterone concentrations in patients with resistant hypertension. A biomarker analysis of the PRECISION study.
Thailand	Nutnicha Suntornlekha , Srun Kuanprasert, Chatree Chai-Adisaksopha, Panas Jesadaporn, Warangkana Mekara, Krit Leemasawat	The Comparison of Office Blood Pressure with Morning Home Blood Pressure: Self-Automated Measurement

Ukraine	Ashutosh R. Rangani , Ragavendar Saravanabavanandan, Shivani Sonani, Nimrat Dhillon, Saif Syed, Ratan Pal Yadav, Ashwinikumar Shandilya, Vishrant Amin, Juhi Patel, Rohan Raj, Khushbu Patel, Hardik D. Desai, Mohit Lakkimsetti	Global Statistics of Hypertensive Heart Disease and its Trend from 1990-2021: A Benchmarking Global Analysis from the Global Burden of Disease Study 2021
United Kingdom	Stefanie Lip , Tran QB Tran, Rebecca Hanna, Sarah Nichol, John D. McClure, Christian Delles, Lindsay McCallum, Colin Berry, Rhian M. Touyz, Sandosh Padmanabhan	Persistent Vascular Dysfunction and Blood Pressure Elevation Over 12 Months After COVID-19 Recovery in Non-Hypertensive Adults – LOCHINVAR Study
United States	Yang Yu , Baojian Xue, Alexander G. Bassuk, Alan K. Johnson, Shunguang Wei	Inhibition of ROR γ t Ameliorates Angiotensin II-Induced Blood-Brain Barrier Disruption and Microglia Activation by Reducing Interleukin-17A Production in Rats
Vietnam	Dung V. Nguyen, Hoai T. Nguyen, Pham Thai Giang, Pham Nguyen Son	Sacubitril-Valsartan in Hypertension Patients with End-Stage Kidney Disease undergoing Dialysis: A Meta-Analysis

International Stroke Conference 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	Claire Kelly , Jian Chen, Richard Beare, Belinda Stojanovski, Sebastian Grunt, Nedelina Slavova, Manuela Pastore-Wapp, Maja I. Steinlin, Mark T. Mackay, Joseph Yang	Towards Individualised Prediction of Neurodevelopmental Outcomes After Neonatal Stroke: A Brain Lesion Network Mapping Study Leveraging Large-Scale Datasets
Brazil	Patricia Viana, Jessica Hoffmann Relvas , Thamiris Dias Delfino Cabral, Artur Menegaz de Almeida, Jorge Eduardo Zanchi Persson, Marina Zanchi Persson, Marcos Vinicius Oliveira Marques	Dual Antiplatelet Therapy versus Alteplase in Adult Patients With Minor Ischemic Stroke: A Systematic-Review and Meta-Analysis
Canada	Raed A. Joundi , Jiming Fang, Amy Y. Yu, Peter Austin, Eric E. Smith, Aravind Ganesh, Luciano Sposato, Vladimir Hachinski, Mukul Sharma, Moira K. Kapral	Risk and Time-Course of Post-Stroke Dementia: A Population-Wide Cohort Study, 2002-2022
China	Shangqian Jiang , Xiaokun Geng, Yuchuan Ding	Neuroprotective Potential of Nitroglycerin (GTN) in Ischemic Stroke: Insights Into Glucose Metabolism and ER Stress Inhibition Through NO-CGMP-PKG Signaling
Czech Republic	Robert Mikulik , Rupal Sedani, Kaiz S. Asif, Natan M. Bornstein, Michael D. Hill, Pablo Lavados, Sheila Cristina Ouriques Martins, Sandy Middleton, Sung-il Sohn, Nijasri Suwanwela, P.N. Sylaja Jr., Huy Thang Nguyen, Georgios K. Tsivgoulis, H.B. Van Der Worp	Access to Acute Stroke Care: Global Perspective From Registry of Stroke Care Quality (RES-Q)
Denmark	Rolf Blauenfeldt , Janne K. Mortensen, Jan Valentin, David C. Hess, Soeren Johnsen, Claus Simonsen, Niels Hjort, Grethe Andersen	The Effect of Remote Ischemic Conditioning in Stroke Subtypes: A Subgroup Analysis From the RESIST Trial

Finland	Santtu Hellstrom , Antti Sajanti, Ying Cao, Romuald Girard, Janek Frantzen, Fredrika Koskimaki, Juzoh Umemori, Johannes Falter, Sean Lyne, Tomi Rantamäki, Kenneth Nazir, Bharat Gajera, Jussi Posti, Susanna Roine, Riikka Takala, Sulo Kolehmainen, Miro Jänkälä, Jukka Puolitaival, Mikko Kauppinen, Melissa Rahi, Jaakko Rinne, Anni Nieminen, Eero Castren, Janne Koskimaki	Common Molecular Biomarkers in Different Types of Acute Brain Injuries Predicting Outcome
France	Ahmad Nehme , Clothilde Isabel, Nelly Dequatre, Caroline Arquizan, Alexis Régent, Benoît Guillon, Jean Capron, Olivier Detante, Sylvain Lanthier, Alexandre Y. Poppe, Grégoire Boulouis, Sophie Godard, Benjamin Terrier, Christian Pagnoux, Achille Aouba, Emmanuel Touze, Hubert de Boysson, Cohort of Patients with PACNS study group	Functional Outcome Prediction in Primary Angiitis of the Central Nervous System
Germany	Love-Preet Kalra , Sabina Zylyftari, Kristaps Blums, Stephan Barthelmes, Sebastian Humm, Hannsjoerg Baum, Stephan Meckel, Sebastian Luger, Christian Foerch	Rapid Prehospital Diagnosis of Intracerebral Hemorrhage by Measuring GFAP on a Point-of-Care Platform
India	Kriti Kalra, Vikash Jaiswal , Akash Jaiswal, Jia Ee Chia, Song Peng Ang, Nishchita Raj, Zarghoona Wajid	Efficacy of Colchicine for Prevention of Stroke and Major Adverse Cardiovascular Events in Patients With Coronary Artery Disease: A Meta-Analysis of 15 Randomized Controlled Trials
Indonesia	Rissito C. Darumurti , Vita Widayarsi, Agus Taufiqurrohman	Connecting the Dots: Human Development Index and Stroke Burden in ASEAN
Ireland	Shannon Gray , Ciara Brennan, Pamela Gallagher, Brian Slattery	Variables Associated With Post-Stroke PTSD; a Systematic Review and Narrative Synthesis
Israel	Hen Hallevi , Oren Tene, Aviva Alpernas, Jeremy Molad, Einor Ben Assayag	CCR5 Polymorphism - A Possible Protective Factor for Post-Stroke PTSD Symptoms

Italy	Daide Bartoli , Gianluca Pucciarelli, Antonello Petrizzo, Ercole Vellone, Rosaria Alvaro	Outcomes of the Relationship Between Telehealth and Caregiver-Stroke Survivor Dyad, in the Rehabilitation Phase: A Systematic Review
Japan	Kanta Tanaka , Hiroshi Yamagami, Muhammad Qureshi, Kazutaka Uchida, James E Siegler III, Raul G Nogueira, Shinichi Yoshimura, Nobuyuki Sakai, Daniel Strbian, Simon Nagel, Jelle Demeestere, Volker Puetz, Diogo C Haussen, Mohamad AbdalKader, Marta Olive-Gadea, Mahmoud Mohammaden, João Pedro Marto, Anne Dusart, Simon M Winzer, Liisa Tomppo, Francois Caparros, Hilde Henon, Flavio Bellante, João Nuno Ramos, Santiago Ortega-Gutierrez, Sunil Sheth, Stefania Nannoni, Johannes Kaesmacher, Lieselotte Vandewalle, Nicolas Martinez-Majander, Sergio Salazar-Marioni, Mudassir Farooqui, Pekka Virtanen, Rita Ventura, Syed F Zaidi, Alicia Castonguay, Ajit S Puri, Behzad Farzin, Hesham Masoud, Piers Klein, Davide Strambo, Markus Möhlenbruch, Peter Ringleb, Osama Zaidat, Jean Raymond, Robin Lemmens, Marc Ribo, Patrik Michel, Thanh Nguyen	Outcomes of Endovascular Therapy for Late Large Vessel Occlusion in Patients With Pre-Stroke Disability
Republic of Korea	Dong-Wan Kang , Do Yeon Kim, Jonguk Kim, Nakhoon Kim, Yoona Ko, Jeongmin Cha, Jae Won Song, Jun Yup Kim, Sung Hyun Baik, Cheolkyu Jung, Moon-Ku Han, Hee-Joon Bae, Beom Joon Kim	Temporal Changes in Intracranial Arterial Diseases: A Longitudinal High-Resolution Vessel Wall Imaging Analysis
Libyan Arab Jamahiriya	Muhammed Khaled Elfaituri , Ala Khaled, Hazem Abdelkarem Abdelkarem Faraj, Ahmed Msherghi	Accuracy of Dual-Energy Computed Tomography for Differentiation Between Cerebral Hemorrhage and Contrast Extravasation Following Mechanical Revascularization in Acute Ischemic Stroke: A Diagnostic Accuracy Meta-Analysis

Mexico	Luis E. Martínez-Bravo , Diego A. Hidalgo-Díaz	The Association Between Frailty and Survival in Older Mexican Patients With Acute Ischemic Stroke
Netherlands	Shan Sui Nio , Leon A. Rinkel, Olivia N. Cramer, Z. B. Özata, Chiel Beemsterboer, Valeria Guglielmi, Berto Bouma, S. Boekholdt, Nick H. Lobé, Ludo Beenen, Henk Marquering, Charles B. Majoie, Yvo Roos, Adrienne van Randen, R. Nils Planken, Jonathan M. Coutinho	Slow-Flow in the Left Atrial Appendage on Cardiac CT in Patients With Acute Ischemic Stroke
New Zealand	James Diprose, William Diprose , Tuan-Yow Chien, Michael Wang, Andrew McFetridge, Gregory P. Tarr, Kaustubha Ghate, James Beharry, Jae Beom Hong, Teddy Y. Wu, P. A. Barber	Deep Learning on Pre-Procedural CT and Clinical Data Predicts Outcome Following Stroke Thrombectomy
Pakistan	Muhammad Sohaib , Muhammad T. Chaychi, Muhammad S. Mannan, Talha Shafiq, Haris Kamal, Muhammad K. Ahmed	Demographic Trends in Stroke-Related Mortality in Young Adults (Age:15-55 Year) With Concomitant Opioid Use in the United States From 1999-2020
Saudi Arabia	Ahmed Alkhiri , Aser Alamri, Ahmed A. Almaghrabi, Basil A. Alghamdi, Abdullah Alharbi, Fahad Alturki, Adel A. Alhazzani, Fahad S. Al-ajlan	Minimally Invasive Surgery for Intracerebral Hemorrhage: Meta-Analysis of High Quality RCTs
Singapore	Sethu Raman Boopathy Sr., Christensen Soren, Andras Nemes, Davor Pavlin-Premrl, Milad Mohammadzadeh, Bhogal Paul, Tommy Andersson, Leonard L. Yeo, Bruce Campbell, Bernard Chan	A CT Perfusion Based Computational Modeling for Improved Risk Stratification of Haemodynamically Significant ICAD
Spain	David Hernandez Morales, Manuel Requena , Marta de Dios Lascuevas, Marta Olive-Gadea, Laura L. Gramegna, Marian Muchada, Eila Rivera, Alvaro Garcia-Tornel, Federica Rizzo, Carlos Piñana, David Rodriguez-Luna, Jorge Pagola, Francesco Diana, Jesus M. Juega, Noelia Rodriguez-Villatoro, Marta Rubiera, Carlos A. Molina, Marc Ribo, Alejandro Tomasello	Radial versus Femoral Access for Mechanical Thrombectomy in Patients With Large Vessel Occlusion: A Randomized Clinical Trial

Switzerland	Johannes Kaesmacher , Fabiano Cavalcante, Manon Kappelhof, Kilian Treurniet, Leon A. Rinkel, Jianmin Liu, Bernard Yan, Wenjie Zi, Kazumi Kimura, Omer Eker, Yongwei Zhang, Eike Piechowiak, Wim van Zwam, Sheng Liu, Daniel Strbian, Maarten Uyttenboogaart, Tomas Dobrocky, Miao Zhongrong, Kentaro Suzuki, Zhang Lei, Robert Van V. Oostenbrugge, Thomas Meinel, Changwei Guo, David Seiffge, Congguo Ying, Lukas Bütikofer, Hester Lingsma, Peter J. Mitchell, Pengfei Yang, Charles B. Majoie, Yvo Roos, Urs M. Fischer, Jan Gralla	Time to Treatment and the Effect of Intravenous Thrombolysis Before Thrombectomy: An Individual Participant Data Meta-Analysis
Taiwan	Wen-Jung Chen , Tze-Yen Lin, Chia-Lang Hsu, Che-Feng Chang	Membrane Lipid-Sensing Receptor MS4A Modulates Microglial Reparative Phenotype in Acute Germinal Matrix Hemorrhage-Intraventricular Hemorrhage (GMH-IVH)
United Kingdom	Ramon Luengo-Fernandez , Linxin Li, Matthew Downer, Peter Rothwell	Association Between Socioeconomic Deprivation, Stroke Incidence and Long-Term Outcome: 10-year Follow-Up From a Population-Based Cohort Study of All Strokes in Oxfordshire, UK
United States	Kent P. Simmonds , Audrie Chavez, Nneka L. Ifejika	Bleeding Risks for Acute Ischemic Stroke Patients on Serotonergic Antidepressants and Anticoagulation/Dual Anti-Platelet Therapy
Uruguay	Maria Paz Rodriguez , Shayandokht Taleb, Kaiser Permanente, Jenny Ji-hyun Lee, David S. Liebeskind, Jeffrey L. Saver	The Hemispheric-Aspects Scale: An Expanded Scan Assessment System Appropriate for ICA Occlusions

Vietnam	Chinh Quoc Luong , Tuan Anh Nguyen, Ton Duy Mai, Luu Dang Vu, Hung Manh Ngo, Hai Bui Hoang, Tuan Anh Tran, Trang Quynh Pham, Dung Thi Pham, My Ha Nguyen, Linh Quoc Nguyen, Phuong Viet Dao, Duong Ngoc Nguyen, Hien Thi Vuong, Vietnam-Czechoslovakia Friendship Hosp, Hai Phong, Viet Nam; Hung Dinh Vu, Dong Duc Nguyen, Thanh Dang Vu, Dung Tien Nguyen, Anh Le Do, Cuong Duy Nguyen, Son Ngoc Do, Hao The Nguyen, Chi Van Nguyen, Anh Dat Nguyen, Co Xuan Dao	Predictive Validity of the Modified World Federation of Neurosurgical Societies Subarachnoid Hemorrhage Grading System (Modified WFNS Scale) for the Outcome of Patients With Aneurysmal Subarachnoid Hemorrhage
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Resuscitation Science Symposium 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	L.E. Oongu, J. Bray , G.D. Perkins, C. Smith, C. Vaillancourt, F. Folke, T. Olasveengen	The Impact of Locked Cabinets for Automated External Defibrillators (Aeds) on Cardiac Arrest Outcomes: A Scoping Review
Belgium	M. Stiers , J. Guldentops, C. Genbrugge, O. Hoogmartens, M. Sabbe, T. Schepens, J. Vercauteren, B. Marinus, A. Neyrinck	Resuscitation of Lungs after Cardiac Arrest with Ex-Vivo Lung Perfusion: A Bench Study to Minimize Ventilator-Induced Lung Injury through Flow Modulation
Brazil	C.T. Castro , J. Vaz, M. Oliveira Tripoli de Mattos, J.N. Barbisan	Effect Of A Visual Feedback Device On The Acquisition Of Cardiopulmonary Resuscitation Skills In Training Certified By The American Heart Association: Randomized Clinical Trial
Canada	I. Drennan , A. Lee, J. Heroux, M. Lee, J. Riches, S. Cheskes	The Impact of Real-Time Feedback on Ventilation Quality During Out-of-Hospital Cardiac Arrest: A Before-and-After Study
China	X. Sui, W. Xu, C. Yin, B. cui, T. Wu, C. Liu, F. Han	Protective effects of hemodilution in emergency cardiopulmonary bypass resuscitation after cardiac arrest
Denmark	F. Ettl, M. Krammel, P. Sulzgruber, K. Krychtiuk, R. Stieglis, H. van Schuppen, H.L. Tan, S. Schnaubelt, A.K. Ersboell, L.D. Flarup , C. Malta Hansen, S.H. Kjaerholm, F. Folke, A. Juul Grabmayr	Response Times and Survival for Out-of-Hospital Cardiac Arrest Patients in Public Housing
Finland	J. Kopra, E. Litonius, R. Oestman, M.B. Skrifvars, L. Mehtonen, M. Laitinen, J. Heinonen, P.T. Pekkarinen	Chest compression synchronized ventilation is associated with improved oxygenation but also with increased incidence of pneumothoraces in an experimental CPR model

France	N. Second , P. Pourzand, J.C. Moore, A. Metzger, M. Suresh, K.G. Lurie, B. Salverda, G.P. Debaty, K. Bachista	Optimizing Post-resuscitation Care after Resuscitative Endovascular Balloon Occlusion of the Aorta and Automated Head-up Position Cardiopulmonary Resuscitation.
Germany	S. Orlob , J. Wnent, J. Graesner, W.J. Kern, B. Hackl, M. Holler, A. Bohn, G. Putzer, J. Martini, M. Eichlseder, C. Klivinyi, N. Schreiber	Enhancing Cardiac Arrest Registries and Research – A Framework for Handling Defibrillator Data
Japan	T. Tamura , C. Cheng, J. Chen, A.B. Villasenor-Altamirano, K. Yamada, J. A. Menon, R. Baron, L. Merriam, E.Y. Kim, X.D. Chen, H. Chung, F. Chen, E.A. Bohula, D.A. Morrow, A. Weissman, M. Brenner, X. Chen, K. Hayashida, K. Ikeda, F. Ichinose, P. Lawler	Sulfatide-specific natural killer T cells regulate early inflammation and ameliorate post-cardiac arrest brain injury
Republic of Korea	S.Y. Jeon , J. Park, C. Kang, Y. You, W. Jeong, H. Ahn, J. Min	Neurological Prognostication in Cardiac Arrest Survivors: Correlation Between Biomarker Molecular Weight and Blood-Brain Barrier Disruption
Netherlands	R. Edgar , M. Brouwer, R. Beukema, A. Cetinyurek Yavuz, N. Royen, J. Bonnes, N. Scholte, S. Yap, N. Van Mieghem, E. Boersma, K. Ebrahimkheil, P. Stas, M. Mafi-Rad, K. Vernooy, E. Ronner	Automated cardiac arrest detection incorporated in a wristband: First experience with spontaneous cardiac arrest detection
Norway	V. Nordviste , M. Rehn, J. Brede, A. Kruger	Time difference between pad placement in double versus single external defibrillation: a live patient simulation model
Poland	M. Dudzikowska, Z. Siudak, M. Putowski	Cerebral Oxygen Saturation Measurement Using Near-Infrared Spectroscopy During In-Hospital Cardiac Arrest Predicts Early Outcome

Singapore	G. Wee , A.L. Blewer, M.E. Ong, C.B. Granger, N. Shahidah, C. Hansen, T. Ostbye, M.A. Starks, L. Hart	Sex Differences in Bystander Cardiopulmonary Resuscitation and Survival to Hospital Discharge for Public Out-of-Hospital Cardiac Arrests in North Carolina and Singapore
Slovenia	N. Fijacko , V.M. Nadkarni, B. Abella	Healthcare Students' Attitudes on Adult Basic Life Support Training via Virtual Reality: An Exploratory Study
Spain	J.K. Russell, M.R. Daya, J. Uriguen , J. Gutierrez, M. Leturiondo, K. Redondo	The Trend of Standardized ETCO ₂ After ROSC May Reveal Cellular Damage During Cardiac Arrest
Taiwan	C. Chen , C. Sung, Y. Chih, E. Huang	Predictive Model and Factors for Out-of-Hospital Cardiac Arrest in Geriatric Patients with insomnia: A Longitudinal Study
United States	J. Coult , S. Bhandari, J.A. King, H. Kwok, J.E. Blackwood, N.J. Johnson, M.R. Sayre, M.R. Daya, T. Rea, P. Kudenchuk	Feasibility and Implications of Electrocardiogram-based Prediction of Incessant Refractory Ventricular Fibrillation

Scientific Sessions 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Algeria	Zina Otmani , Noura Abdrabou, Hazem Ayman Elsayed, Mahmoud Diaa Hindawi, Ahmed K. Awad	Efficacy of Mavacamten on Echocardiographic Parameters and Cardiac Biomarkers in Hypertrophic Cardiomyopathy Patients: A Systematic Review and Meta-Analysis
Argentina	Bruno Linetzky , Sophia Kyoungah See, Xiaotian Zhang, Adam Stefanski, Jonathan Wilson, Giacomo Ruotolo	Body weight reduction-associated and -unassociated changes in lipid profile in people with obesity, with or without T2D, treated with tirzepatide: post-hoc analysis of SURMOUNT-1 and SURMOUNT-2
Australia	Zhen Zhou , Katherine Webb, Mark R. Nelson, Robyn Woods, Michael E. Ernst, Rory Wolfe	Short- and long-term impact of aspirin cessation in older adults: a target trial emulation
Austria	Mariann Gyongyosi , Emilie Han, Dominika Lukovic, Ena Hasimbegovic, Benjamin H. White, Artur Gynter, Veronika Mancikova, Imre Pavo, Ina Michel-Behnke	Central role of LIM domain binding 3 (LDB3) protein in Tetralogy of Fallot assessed by single-nuclei multiome profiling of paediatric right ventricular samples
Belgium	Jarne De Paepe , Paolo D'Ambrosio, Ruben De Bosscher, Rik Pauwels, Christophe Dausin, Youri Bekhuis, Kristel Janssens, Jan Bogaert, Adrian Elliott, Olivier Ghekiere, Caroline Van De Heyning, Prashanthan Sanders, Jonathan Kalman, Diane Fatkin, Lieven Herbots, Rik Willems, Tomas Robyns, Hein Heidbuchel, Andre La Gerche, Guido Claessen	The Interplay Between Exercise Load, Myocardial fibrosis, Ventricular Systolic Dysfunction and Ventricular Arrhythmias
Bosnia and Herzegovina	Buena Aziri , Edin Begic, Catalina Herran-Fonseca, Laura Jekov, Ana Gabriela Ponte Farias, Carlotta Persaud, Norma N. Gamarra, Maysa Vilbert, Fahad Alabbas	Risk of Cardiac Events of New-generation versus Old-generation Bruton Tyrosine Kinase Inhibitors in Patients with Hematological Malignancies: A Systematic Review and Meta-analysis of RCTs

Brazil	Rodrigo N. Campos , Dalmo Moreira, Gabriel M. Fonseca	Effect of the sodium-glucose co-transporter 2 inhibitor, Dapagliflozin, on ventricular repolarization electrocardiographic parameters: DAPA-ECG study
Canada	Chao Li , Aihua Liu, Solomon Bendayan, Liming Guo, Judith Therrien, Archer Yang, Robyn Tamblyn, Jay Brophy, Yue Li, Ariane J. Marelli	Multimorbidity Trajectories Across the Lifespan in Patients with Congenital Heart Disease
Chile	Maria Paz Ocaranza , Ruth Sepulveda, Jackeline Moya, Joaquin Rojas, Patricio A. Araos, Cristian Amador, Marcela Hermoso, Luigi Gabrielli, Jorge Jalil	Differential Cardiac Protective Resident Macrophages In Female Mice With Heart Failure With Preserved Ejection Fraction
China	Qinchun Jin , Xiaochun Zhang, Daxin Zhou	Transcatheter annuloplasty of tricuspid regurgitation with the K-Clip system: one-year results from the TRISTAR study.
Colombia	Isabella Casallas , Camilo Eduardo Perez Cualtan, Javier Navarro Rueda, Laura Acosta-Izquierdo, Julian Francisco Forero, Juan Manuel Perez, Juan Carlos Briceno, Carlos Guerrero	"Simple Arithmetic Representation to Classify of Right Ventricular Outflow Tract in Tetralogy of Fallot Patients "
Czechia	Lukas Poviser , Petr Stros, Jana Vesela, Karol Curila	A novel approach for LV delay evaluation: non-invasive QLV measurement using UHF ECG
Denmark	Anika Klein , Rasmus P. Beske, Christian Hassager, Lisette Okkels Jensen, Hans Eiskjaer, Norman Mangner, Amin Polzin, Christian Schulze, Carsten Skurk, Peter Nordbeck, Peter Clemmensen, Vasileios Panoulas, Sebastian Zimmer, Andreas Schaefer, Thomas Engstrom, Lene Holmvang, Anders Junker, Henrik Schmidt, Christian J. Terkelsen, Jacob Moller	Treating Elderly Cardiogenic Shock Patients with a Microaxial Flow Pump; Is It DANGEROUS?

Dominican Republic	Jose E. Fuentes , Karla M. Garcia Almonte, Claudia Suero, Ana Paula Urena Neme, Jorge Tarafa, Pedro Urena V.	Beyond Closure: A Case Report on Coronary Steal Syndrome by Previously Embolized Internal Mammary Artery Side Branch
Egypt	Kerollos H. Abdelsayed , Basma E. Amer, Michele Fouad, Khaled Elfert, Sittinun Thangjui, Sandi Banour, Basel Abdelazeem	Evaluating Perioperative Colchicine's Influence On New-Onset Heart Block After Transcatheter Aortic Valve Implantation: A US Multicenter Retrospective Analysis
Finland	Andrew O. Agbaje	Incidental and progressive tobacco smoking from childhood through young adulthood with premature structural and functional cardiac damage in 1931 children: A 14-Year Longitudinal Study
France	Guillaume Mahe , Adrien Chanteau, Pierre Jehannin, Mary Lynn Mimassi, Alan Donnelly, Marjolaine Talbot, Clement Hoffmann, Samir Henni, Estelle Le Pabic, Alessandra Bura, Adrien Kaladji, Damien Laneelle, Alexis Le Faucheur	Efficacy of calf neuromuscular electrical stimulation program on maximal walking distance in peripheral artery disease patients: results of the ELECTROPAD randomized controlled trial.
Germany	David Fueller , Chang Liu, David N. Boten, Oliver Ritter, Gesine Doerr, Vardhmaan Jain, Shivang Desai, Laurence Sperling, Yan Sun, Arshed A. Quyyumi	Comparative Effects of Education and Income Levels and Cardiovascular Risk Factors for the Risk of Ischemic Heart Disease, Ischemic Stroke, or Peripheral Artery Disease Associated Mortality
Ghana	Dzifa Ahadzi , Claudia Leung, Rahma I. Al-Hassan, Yabasin Iddrisu Baba, Abdul-Subulr Yakubu, Annette A. Cournooh, Scott Ikeda, Samuel Y. Alomatu, Patience Sakeah, Laud Boateng, Odalys Rivera Hernandez, Prosper Akanbong	Adaptive Cardiac Arrest Training Curriculum for Capacity Building in Northern Ghana: Addressing Contextual Challenges for Sustainability
Greece	Efstratios Karagiannidis, Andreas Papazoglou, Thomai Mouskeftara, Olga Deda, Theodoros Liapikos, Eleftherios Panteris, Barbara Fyntanidou, Nikolaos Fragakis, George Theodoridis, Helen Gika, George Giannakoulas	Combining novel lipid biomarkers with deep learning algorithms to develop an initial non-invasive screening approach for ruling out obstructive coronary artery disease

Hungary	Tamás Gergely , Zsafia D. Drobni, Tamás Kovacs, Nabil Sayour, Viktoria Eva Toth, Zsafia Onodi, Marton Kocsis, Nora Fekete, Eva Pallinger, Edit Buzas, Tomas G. Neilan, Peter Ferdinandy, Zoltan Varga	Abatacept prevents anti-PD-1-induced inflammatory heart failure development after myocardial ischemic injury in mice
India	Raman Puri, Kunal Mahajan , Rajeev Agarwala, Ashu Gupta, Aditya Batra, Aziz Khan, Vinod Vijan, Jai Bharat Sharma, Surender Himral	Aggressive LDL cholesterol lowering post ACS with triple combination therapy: Insights from the multicentric LAI-REACT study
Indonesia	Jesslyn N. Hariyanto , Catherine Jillian Hardi, Jessica Anastasia Setiawan, Sunanto Ng	Have Gender-Specific Outcomes After STEMI Improved? – A Meta-Analysis of the Past Decade
Islamic Republic of Iran	Asma Mousavi, Shayan Shojaei, Hamidreza Soleimani, Davood Semirani-Nezhad, Pouya Ebrahimi, Ali Zafari, Rasoul Ebrahimi, Khatere Roozbehi, Anil Harrison, Mushabbar Syed, Polydoros Kampaktsis, Toshiki Kuno, Sean Heffron, Marc Samsky, Mani Khorsand Askari, Kaveh Hosseini	Safety, Efficacy and Cardiovascular Benefits of Combination Therapy with Sodium-Glucose Co-Transporter-2 Inhibitors and Glucagon-Like Peptide-1 Receptor Agonists in Patients with Diabetes Mellitus: A Systematic Review and Meta-Analysis of Randomized Controlled Trials
Iraq	Hashim Talib Hashim , Ahmed Qasim Mohammed Alhatemi, Sania Riaz, Zahraa Hussein Ali, Mohamed K. Rifai, Humza Saeed, Shehroze Tabassum, Fatimah Abdullah Sulaiman, Ahmed Dheyaa Al-Obaidi, Omar Saab	Meta-Analysis of Efficacy and Safety in DAPT De-escalation: Transitioning from Ticagrelor to Clopidogrel in Acute Myocardial Infarction Following Percutaneous Coronary Intervention at twelve-Month Follow-Up
Ireland	Li Yen Ng , Colin McMahon, Adam James	The effect of homebase exercise training on single ventricle heart (SVH) function, exercise performance, body composition and quality of Life in children and adolescents living with a Fontan circulation
Israel	Ofir Brem , Elchanan Samuels, Tamir Bental, Ilan Richter, Ran Kornowski, Rafael Hirsch, Guy Witberg, Nili Schamroth Pravda	Early Findings on the Impact of Renin-Angiotensin-Aldosterone System Inhibitors on Bicuspid Aortic Valve Disease Progression: A Single Center Cohort Study

Italy	Lorenzo Santini , Jose Manuel Pioner, Cecilia Ferrantini, Chiara Palandri, Lucrezia Giammarino, Monica Musumeci, Chiara Tesi, Elisabetta Cerbai, Corrado Poggesi, Raffaele Coppini	Electrophysiological and Mechanical Characterization of Human Ventricular Myocardium from Patients with Primary or Secondary Cardiac Hypertrophy
Japan	Keimei Yoshida , Eszter Toth, Erik Duijvelaar, Beau Neep, Stuti Agarwal, Xiaoke Pan, Takayuki Sanada, Yu Yoshida, Jurjan Aman, Vinicio A. Dejesus, Louis Handoko, Kohtaro Abe, Xiao-Qing Sun, Harm J. Bogaard	Empagliflozin Improves Mitochondrial Biogenesis in Pulmonary Arterial Hypertension
Jordan	Ibrahim Al-Sawalha , Mohammad Al-Bdour, Abdel Qader Abu Salih, Rula Al-Shimi, Mohammad Al-Slehat, Suhel F. Batarseh, Nebras Jaloudi, Amjad Almansi	Transendocardial Stem Cell Therapy Improves Cardiac Parameters in Chronic Ischemic Heart Failure: A Meta-analysis of Randomized Controlled Trials
Republic of Korea	YongHun Lee , Jeffrey Feng, Al Rahrooh, Alex A. Bui, Christopher Cooper, Jeffrey J. Hsu	Maximal Oxygen Uptake Prediction From Resting and Submaximal Variables of Cardiopulmonary Exercise Testing by Using Machine Learning Methods
Libya	Ahmed Elfaituri , Hazem Abdelkarem Faraj, Alhasan Saleh Alzubi, Ala Khaled, Muhammed K. Elfaituri	Comparative Safety and Efficacy of Transfemoral versus Subclavian Approaches in Transcatheter Aortic Valve Implantation: A Meta-Analysis
Luxembourg	Melanie Vausort, Hassina Boubakeur, Lu Zhang, Guy Fagherazzi, Markus Ollert, Yvan Devaux	Long Noncoding RNAs to Predict COVID-19 Neuro-Cardio-Vascular Outcomes
Malaysia	Song Peng Ang, Jia Ee Chia , Jose Iglesias, Kwan S. Lee	Trends and Sociodemographic Disparities in Cardiovascular Mortality Among People Living with HIV: A Retrospective Analysis from 1999 to 2020

Mauritius	Jasninder S. Dhaliwal, Parampreet Johal, Nomesh Kumar, Rahul Singla, Kanwar Bir Singh Dhaliwal, Renuka Verma, Kamleshun Ramphul , Manraj S. Sekhon, Arush Rajotia, Hemamalini Sakthivel	Sex-Based Differences in In-Hospital Complications Among Older Patients With Prior Myocardial Infarction Undergoing Cardiac Resynchronization Therapy-Defibrillator Implantation; An Analysis of 13695 Procedures in the United States
Mexico	Braiana Diaz , Carlos Alan Castro García, Karen Gissel Velez Talavera, Edgar Roman-Rangel, Pilar Espinosa, Santiago March, Alexandra Arias, Diego Araiza	Derivation Of An Artificial Intelligence - Based Electrocardiographic Model For The Detection Of Acute Coronary Occlusive Myocardial Infarction
Nepal	Abhigan B. Shrestha , Tanzina Afroze, Vikash Jaiswal, Ravi Sankar Reddy Edara, Aman Goyal, Suman Kadariya, Soney Basnyat	New-onset Atrial Fibrillation and Associated Long-Term Cardiovascular Morbidity and Mortality in Patients with Type 2 Diabetes Mellitus; A Meta-analysis of 16 million patients.
Netherlands	Aida Lluçia-Valldeperas, Jessie Van Wezenbeek , Joanne Groeneveldt, Gonzalo Sanchez-Duffhues, Anton Vonk Noordegraaf, Harm J. Bogaard, Marie Jose Goumans, Frances S. De Man	BMP10 as novel marker for right atrial dilatation and pressure in precapillary pulmonary hypertension
Nigeria	Endurance O. Egbayekha, Eugene Omoike , Gabriel Alugba, Jayadev Sajja, Uthman Younis, Craig K. Reiss	Association Between Protein Energy Malnutrition and Transplant Rejection in the Heart Transplant Population. A Retrospective Inpatient Database Analysis
Norway	Lars-Egil Hammersboen , Espen A. Boe, Jurgen Duchenne, John Aalen, Hans Henrik Odland, Manuel Villegas-Martinez, Vette Christoffer Frostelid, Faraz Khan, Ole Jakob Sletten, Marit Witsoe, Helge Skulstad, Filip Rega, Olivier Gheysens, Jens-Uwe Voigt, Otto A. Smiseth, Marie Stugaard, Espen W. Remme	Pressure-Volume Analysis by Three-Dimensional Echocardiography: A Novel Method to Estimate Left Ventricular Efficiency

Oman	Fatma Y. Al Hadabi , Mohammed Al Hadhrami, Ahmed Al Saidi, Raheela A. AttaUllah, Muna Alshahri, Amal Al-Hashmi	Factors Associated with Delay Presentation of Acute Ischemic Stroke to Emergency Department in Oman
Pakistan	Khawaja Abdul Rehman, Rohab Sohail , Muhammad Ahsen Niazi, Ramsha Mumtaz, Faraz Arshad, Javeria Javeid, Ansab Godil, Salman Sani, Sameen Aftab, Bisma Akram, Sabin Zafar, Maham Zaman, Qazi Muhammad Zarlish	Sex, Race and Age Group Disparities in Pericardial Diseases Related Mortality Rates; Data from CDC Wonder 1999-2022
Paraguay	Esteban Rodriguez Ferreira , Maria Agustina Callizo Bedoya, Jesslyn N. Hariyanto, Gharira Batool, Maria Vargas, Jesse N. Medina, Bertrand Ebner, Raul A. Torres Heisecke, Rosario Colombo	Clinical and Angiographic Outcomes of Paclitaxel-Coated versus Limus-Coated Balloons for Coronary In-Sent Restenosis: A Systematic Review and Meta-analysis
Peru	Carlos Zavaleta Corvera , Caroline Dominguez-Herido, Zulema Mamani-Condori, Joaquin Chavez-Cano, Marina Atena Bustamante Ordoñez, Alexis Ccoyllo Mayhuasca, Ruth Campos-Ramos, Jose Caballero-Alvarado	Effect Of Renal Denervation In Combination With Cardiac Ablation On The Recurrence Of Atrial Fibrillation: A Systematic Review and Meta-Analysis
Philippines	Frederick B. Rivera, Marielle Nicole Chin , Jade Monica Marie Rugeras, Wailea Faye Salva, Rajiv Hans Menghrajani, Drashti Desai, Sarang Choi, Gerard Francis Mangubat	Glucagon-like Peptide 1 Receptor Agonists Effect on Low-Density Lipoprotein Cholesterol and Total Cholesterol Levels Independent of Weight Reduction: A Meta-analysis and Meta-regression of Placebo-controlled Randomized Controlled Trials
Poland	Piotr Szczepaniak , Tomasz Mikolajczyk, Ewelina Jozefczuk, Diana Hodorowicz-Zaniewska, Joanna Streb, Jakub Jurczyk, Katarzyna Gara, Mateusz Siedlinski, Jaroslaw Krolczyk, Joanna Sulicka-Grodzicka, Iwona Laksa, Tomasz Grodzicki, Tomasz Guzik	Menopausal Status Protects Against Vascular Dysfunction Induced by Breast Cancer Chemotherapy

Qatar	Alaa Rahhal , Hashim Mohammad, Sham AlKodmani, Firas Hamsho, Wael Hamam, Nawras Al-Tikrety, Noor Moustafa, Yamane Chawa, Barakat Aladwan, Mohamad Wajeh Dulli, Dana Alomari, Mohanad Shehadeh, Ahmed Mahfouz, Sumaya Alyafei, Abdulrahman Arabi, Khaled Mohamed	Safety of Sodium-Glucose Cotransporter-2 Inhibitors Peri- Percutaneous Coronary Intervention: A National Experience
Russian Federation	Elena Rimskaya , Olga Aparina, Olga Stukalova, Semen Kormilitsyn, Nataliia Mironova, Petr Chumachenko, Sergey Ternovoy, Sergey Golitsyn	Relation of focal and diffuse myocardial fibrosis to left bundle branch block in patients with dilated cardiomyopathy and structurally normal heart
Senegal	Aliou Alassane Ngaide, Ngone D. Gaye , Abdoul Kane	Patient education in cardiovascular disease in Sub-Saharan Africa: the "Heart School" pilot project at IPMS/Cheikh Anta Diop University of Dakar, Senegal
Singapore	Yi Hui Ou , Juliana Colpani, Crystal Cheong, Wei Qiang Loke, As Tar Thant, E. Ching Shih, Siew-Pang Chan, Calvin Chin, Pipin Kojodjojo, Yan Yee Mark Chan, A. Richards, Peter Cistulli, Ronald C. Lee	Title: Mandibular advancement device versus CPAP on cardiovascular health and quality of life in OSA a pre-specified 12 months follow up of outcomes
Slovenia	Gregor Poglajen , Rok Zbačnik, Sabina Frljak, Gregor Zemljic, Andraz Cerar, Bojan Vrtovec	CD 34+ Cell Therapy is Associated With Improved Myocardial Perfusion in Heart Failure With Preserved Ejection Fraction
South Africa	Mamotabo R. Matshela	Age-, Sex- and/or Ethnic- specific disparities; Biventricular systolic and diastolic strain, and biomarker, prognostic implications in Acute Tuberculous Pericarditis.
Spain	Gino Freddy Sena F. Ganse , Cristina Rodriguez, Lena M. Ernst, Marisol Ruiz-Meana, Javier Inserte, Jose Martinez-Gonzalez, Begona Benito, Victor Puentes, Ignacio Ferreira-Gonzalez, Antonio Rodriguez-Sinovas	ROS-Detoxifying Cerium Oxide Nanoparticles Attenuate the Pro-Arrhythmic Effect of Diesel Exhaust Particles in Isolated Rat Hearts

Sweden	Julia Aulin , Karl Sjolin, Johan Lindbäck, Alexander P. Benz, John W. Eikelboom, Jonas Oldgren, Lars C. Wallentin, Joachim Burman	Neuro-specific biomarkers for risk assessment of ischemic stroke and death in patients with atrial fibrillation not receiving oral anticoagulation
Switzerland	Miriam Barbieri , Simona Casini, Julien Louradour, Tanja M. de Waal, Philip Sager, Saumya Das, Arthur A. Wilde, Katja Odening, Carol Ann Remme	SGK1 inhibition shortens action potential duration in LQT3 mice and LQT2 rabbits via inhibition of late sodium current
Taiwan	Chien-Yi Hsu , Chia-Te Liao, Yen-Wen Wu, Chi-Cheng Huang, Tao-Wei Chang, Hung-Yu Chang	Impact of the American Heart Association Get-With-The-Guidelines Heart Failure A.S.I.A. Program in Taiwanese hospitals
United Republic of Tanzania	Pedro Pallangyo , Zabella Mkojera, Makrina Komba, Peter Richard Kisenge	Feto-maternal outcomes of subsequent pregnancy among women with Peripartum Cardiomyopathy in Tanzania.
Thailand	Narathorn Kulthamrongsri, Napat Suriyathumrongkul, Nisha Wanichwecharungruang, Prachawanee Nuchpramool, Kritpong Kulthamrongsri, Smuch Siramongkholkarn, Chutawat Kookanok, Thanaboon Yinadsawaphan, Phuuwadith Wattanachayakul, Sakditad Saowapa, Pojsakorn Danpanichkul, Sorawit Ongsupankul, Adivitch Sripusanapan, Nicha Wareesawetsuwan, Koravich Lorlowhakarn, Natee Deepan, Nopavit Mohpichai , Phatsawut Siritongtaworn, Ekamol Tantisattamo	Association between Age at Menopause and Age at Onset of Myocardial Infarction: An Analysis of NHANES Data from 2017-2020
Turkey	Muhammed Melih Dogan , Lokman Hekim Tanriverdi	Efficacy and Safety of Vorapaxar in Patients with Peripheral Arterial Disease: A Meta-Analysis of Randomized Controlled Trials
Uganda	Joselyn Rwebembera , Jafesi Pulle, Emma Ndagire, Emmy Okello, Daniel Engelman, Anneke Grobler, Craig A. Sable, Andrew Steer, Andrea Z. Beaton	Safety of Discontinuing Secondary Antibiotic Prophylaxis After Echocardiographic Normalization in Early Rheumatic Heart Disease, GOAL-Post Study

United Arab Emirates	Muna Hammash , Martha J. Biddle, Terry A. Lennie, Misook L. Chung, Debra K. Moser	Food Security, Depression, and the Association of Depression with Adherence to Cardiovascular Disease Risk Reduction Measures among Rural Caregivers of Patients with Chronic Diseases
United Kingdom	Nikhil Paliwal , Albert Henry, Chris Finan, Rhodri Davies, Alun Hughes, Bryan Williams, Anders Malarstig, Tom Lumbers, Aaron Hingorani	Genome-wide association study of aortic stiffness derived from deep learning in CMR images of 45,789 individuals identifies loci linked with cell-matrix structure
United States	Sundar Natarajan , Andrew Nicholson, Nicholas Illenberger, Preethi Kumar, Yunika Khamcha Magar, Leah Haley, Kevin Stroupe, Tim Bigdeli, Sherene Sharath, Panagiotis Kougias	Effect Of A Comprehensive Personalized Behavioral Intervention On Cardiovascular Event-free Survival And All-Cause Event-free Survival In Veterans With Diabetic Neuropathy - The PATRIOT Randomized Clinical Trial
Vietnam	Loc Vu , Minh Mai, Thuan Huynh, Chinh D. Nguyen, Thanh Tam Pham, Huan Pham, Hien Q. Nguyen, Thien Tan Tri Tai Truyen, Khiem D. Ngo, Pham Thao Vy Le, Hieu Nguyen, Vinh Sieu Lam, Dung Ho, Thach N. Nguyen	Quantifying the Coronary Artery Slow Flow Phenomenon: Insight from Dynamic Angiography and Deep Learning

Vascular Discovery Scientific Sessions 2024

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	Sian P. Cartland, Elaina Kelland, Christopher P. Stanley, Madeleine Murphy, Natalie Le, Malathi S. Dona, Lauren Boccanfuso, Christina A. Bursill, Polina E. Nedoboy, Manisha Patil, Sergey Tumanov, Alexander R. Pinto, Jacky Loa, Sarah J. Aitken, David A. Robinson, Mary M. Kavurma	Sex Differences In Endothelial Cell Function(s) In Diabetes-associated Peripheral Artery Disease
Belgium	Caroline P. Martens, Mathias Stroobants, Sara Zalgout, Marleen Lox, Marijke Peetermans, Peter Verhamme, Thomas Vanassche, Kimberly Martinod	Neutrophilic Mice Are Protected Against Staphylococcus Aureus Sepsis And Immunothrombosis Through Peptidylarginine Deiminase 4-mediated Neutrophil Extracellular Trap Formation
Brazil	Douglas Ricardo De Souza Junior , Amanda Ribeiro Martins Silva, Livia Rosa Fernandes, Giuseppe Palmisano, Graziella Eliza Ronsein	Quantitative Proteomic Analysis Of HDL Shows Apolipoprotein M (ApoM) As A Possible Marker For COVID-19 Mortality
Canada	Katrina Besler , Vittoria Baht, Pinhao Xiang, Sima Allahverdian, Elaine Ling, Teddy Chan, Gordon A. Francis	Overexpression Of Lysosomal Acid Lipase
Canada	Yann Grobs , Charlotte Romanet, Sarah-Eve S. Lemay, Alice Bourgeois, Charlie Theberge, Melanie Sauvaget, Sandra Breuils-Bonnet, Sandra Martineau, Reem El Kabbout, Francois Potus, Pierre Voisine, Steeve Provencher, Olivier Boucherat, Sebastien Bonnet	Acly Inhibition As A Novel Therapeutic Approach For Vascular Remodeling In Coronary Artery Disease
China	Jian Shen , Xiangqin He, Kunzhe Dong, Guoqing Hu, Jian-Kang Chen, Zheng Dong, Huabo Su, David Fulton, Meixiang Xiang, Jiliang Zhou	Pik3c3 Safeguards Smooth Muscle Identity By Promoting Lysosome-mediated Yap1 Degradation

Colombia	Santiago Uribe-Ramirez , Alejandro Velandia-Sánchez, Camilo A. Polania-Sandoval, José V. Álvarez-Martínez, Juliana Tello-Pirateque, Carlos J. Pérez-Rivera, Juan P. Ávila-Madrigal, Danna L. Cruz-Reyes, Juan C. Briceño, Sebastián Gómez-Galán, Michel M. Reijnen, Jaime Camacho-Mackenzie, Juan G. Barrera-Carvajal	Progressive Structured Simulation-based Surgical Training Program (PROCESS) – Open Vascular Surgery: Study Protocol For A Cross-over, Randomized, Double-blinded Clinical Trial
Germany	Nadja Sachs , Ankit Sinha, Elena Kratz, Jessica Pauli, Marie-Luise Engl, Hanna Winter, Hans-Henning Eckstein, Matthias Mann, Lars Maegdefessel	Lesion Site-specific Mass Spectrometry Analysis Of Human Carotid Plaques Reveals Strongest Association Of The Necrotic Core And Fibrous Cap Proteome With Plaque Stability
India	Shrey Goel , Priyatha Vemparala, Dhruval Patel, Nihar Vavaliya, Krupa Madhu, Mohit Lakkimsetti, Kushagrita Singh, Juhi Patel, Vishrant Prafulchandra Amin, Hardik Dineshbhai Desai	Evolving Burden Of Aortic Aneurysm Attributable To High Systolic Blood Pressure In 204 Countries And Territories From 1990-2019: A Comprehensive Global Assessment
Italy	Sara Rega, Nadia Fanotti, Manuel Casaburo, Paolo Poggio, Martina Vescio, Linda Pattini, Luca Lambroia, Montserrat Climent, Leonardo Elia, Giorgia Bonalumi, Ilaria Giambuzzi, Nathasha Udugampolage, Alessandro Pini, Giulio Pompilio, Gianluca Lorenzo Perrucci	AlphaV Integrins Inhibition Downregulates Pro-fibrotic Events In Human Aortic Smooth Muscle Cells And Limits Thoracic Aortic Aneurysm Progression In Marfan Mice
Japan	Mari Ishida , Chiemi Sakai, Yusuke Kobayashi, Takafumi Ishida	Activation Of Cgas-sting Axis By DNA Double-strand Breaks In Atherosclerosis: A Possible Link From DNA Damage To Inflammation And Cell Senescence
Republic of Korea	Yujin Jin , Kyung-Sun Heo	Relationship Between Stat3 And Endoplasmic Reticulum Stress Induces Lipopolysaccharide-induced Endothelial To Mesenchymal Transition In Vascular Endothelial Cell
New Zealand	Sonja Hummel , Peter Larsen, Kathryn Hally	The Effects Of Dual Antiplatelet Therapy On Neutrophil Function

Pakistan	Priyatha Vemparala, Rabia Islam , Mihir Vanodia, Prashantkumar Savaliya, Mandeepsinh Vashi, Mohit Lakkimsetti, Dhruval Patel, Shrey Goel, Hamza Islam, Juhi Patel, Vishrant Prafulchandra Amin, Hardik Dineshbhai Desai	Assessing The Global Burden And Trends Of Stroke Attributable To Smoking In 38 Oecd Countries From 1990 To 2019: A Benchmarking Analysis
Philippines	Kimberly Co	Prevalence Of Erectile Dysfunction And Its Associated Factors Among Filipino Adult Patients In A Tertiary Hospital: A Cross-sectional Study
Qatar	Jasni V. Ashraf , Hend S. Fayed, Ayman Al Haj Zen	Atxn2 Inhibition Enhances The Contractile Phenotype Of Vascular Smooth Muscle Cells
Sweden	Aida Collado, Rawan Humoud, Eftychia Kontidou, Jiangning Yang, Tong Jiao, Ali Mahdi, Zhichao Zhou, John Pernow	Erythrocyte Derived Extracellular Vesicles From Patients With Type 2 Diabetes Induce Endothelial Dysfunction Through Increased Vascular Oxidative Stress
Taiwan	Wei-Tien Chang , Shih-Wei Meng, Hsinyu Tseng, Mao-Shin Lin, Liu-Chun Wang, Hsu Min-Hsuan, Kally Chang, Hung Ji Huang, Ian Liao, Cheng-Shan Yeh	Percutaneous Optofluidic Catheter-guided Photo-triggered Nanogoldsomes Reduce Infarct Size And Mitigate Myocardial Dysfunction In A Swine Model Of Acute Myocardial Infarction
United Kingdom	Jennifer Nash , Samuel Debono, Krithika Loganath, Beth Whittington, Evangelos Tzolos, Maaz Syed, Tijana Mitic, Adriana Tavares, Mark Macaskill, Tim Clark, Scott Semple, Edwin Van Beek, Damini Dey, Piotr Jan Slomka, Rachael Forsythe, Michelle Williams, Marc Dweck, Niki Walker, David E. Newby, Alexander J. Fletcher	¹⁸ F-Sodium Fluoride Positron Emission Tomography To Assess Thoracic Aortopathy In Bicuspid Aortic Valve Disease
United States	Zhiyu Dai , Bin Liu, Dan Yi, Karina Ramirez, Xiaomei Xia, Ruslan Rafikov, Vinicio A. Dejesus, Sarah-Eve S. Lemay, Sebastien Bonnet, Olivier Boucherat	Endothelial Fatty Acid-binding Proteins Contribute To The Pathogenesis Of Pulmonary Hypertension