



# Paul Dudley White International Scholar Award

*Recognizing excellence in science from around the world*

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 2023 AHA Meetings

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## Basic Cardiovascular Scientific Sessions 2023

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	<b>Mark Pocock</b> , Rebecca Fitzsimmons, Mary Lor, Simon Foster, Michael R. Doran, Richard J. Mills, James E. Hudson	Functional Modelling Of Arrhythmias With Human Cardiac Organoids
Belgium	<b>Kasper Favere</b> , Manon Van Hecke, Sander Eens, Matthias Bosman, Peter L. Delputte, Johan De Sutter, Erik Fransen, Tania Roskams, Pieter-Jan Guns, Hein Heidbuchel	The Impact Of Endurance Exercise On Longer-term Myocardial Fibrosis Development And Ventricular Arrhythmogenicity In Murine Coxsackievirus B3 Myocarditis
Brazil	<b>Debora S. Faffe</b> , Diego Costa-dos-Santos, Bianca C. A. Cabral, Thayane Bottaro, Rosane Silva, Turan P. Urmenyi	Expression Of Circulating Atherosclerosis-associated Micrnas In Pre- And Post-menopausal Obese Women: Response To Physical Exercise
Canada	<b>Yena Oh</b> , Rimshah Abid, Saif Dababneh, David Cook, Jin Park, Barbara Vanderhyden, Nikhil Munshi, Kyoung-Han Kim	Transcriptional Heterogeneity Of The Postnatal Cardiac Conduction System
China	<b>Shiyu Gong</b> , Ming Zhai, Jiayun Shi, Guanye Yu, Zhijun Lei, Wenhui Peng	Trem2 Promotes Cardiac Repair In Myocardial Infarction Via Slc25a53 And Carbohydrate Metabolism After Improving Efferocytosis Of Macrophage
Denmark	<b>Spyridoula Kazantzi</b> , Lars Edvinsson, Kristian A. Haanes	Changes In Endothelin Signaling In A Long-term Rat Coronary Culture Resembles Chronic Coronary Syndrome
Egypt	<b>Sara Elshorbagy</b> , Ayman M. Ibrahim, Fiesal Mohamed, Jerome Fourre, Barrett Downing, Manar Osman, Hasnaa A. Elfawy, Mariam Fathy, Mona Allouba, Yasmine Aguib, Cesare M. Terracciano, Magdi Yacoub	Induced Pluripotent Stem Cell-Derived Cardiomyocytes Provide New Insights Of The Pathogenic Consequences Of The Novel Frameshift Variant (c.5769delG) In MYH7 Gene

Finland	<b>Minna Ampuja</b> , Sabina Selenius, Ilkka Paatero, Iftekhar Chowdhury, Jenna Villman, Martin Broberg, Amanda Ranta, Tiina Ojala, Markku Varjosalo, Riikka Kivelä, Emmi Helle	Novel Candidate Variant In The Gene Coding For Receptor Tyrosine-protein Kinase ErbB-2 Is Associated With Left Ventricular Outflow Tract Obstruction Defects In Human
France	<b>Rouault Paul</b> , Sarah Guimbal, Lauriane Cornuault, Ninon Foussard, Célia Bourguignon, Virginie Grouthier, Frank Choveau, David Benoist, Alain-Pierre Gadeau, Thierry Couffinhal, Marie-Ange Renault	Thrombosis In The Coronary Microvasculature May Be Responsible For Impaired Cardiac Relaxation And Diastolic Dysfunction
Germany	<b>Felix A. Trogisch</b> , Aya Abouissa, Merve Keles, Anne Birke, Manuela Fuhrmann, Gesine M. Dittrich, Julio Cordero, Adel El Sherbiny, Abel Martin Garrido, Steve Grein, Luka Nicin, Sophia-Iris Bibli, Rannar Airik, Andreas Kispert, Ralf Kist, Sun Quanchao, Sina W. Kürschner, Manuel Winkler, Norbert Gretz, Carolin Mogler, Thomas Korff, Philipp-Sebastian Koch, Stefanie Dimmeler, Gergana Dobрева, Joerg Heineke	The Fibrogenic Transcription Factor Sox9 Controls Mesenchymal Activation Of Endothelial Cells And Drives Fibrotic Disease
Hong Kong	Huilong Hong, Yalan Wu, <b>Xiao-Yu Tian</b>	Endothelial Ppar $\delta$ Deletion Exacerbates Endotoxemia-Induced Vascular Injury And Inflammation
India	<b>Kalyani Ananthamohan</b> , Akhil Baby, Anil Jegga, Sakthivel Sadayappan	Novel MicroRNAs Targeting Myosin Binding Protein-C3 Gene In Hypertrophic Cardiomyopathy
Israel	<b>Tal Caller</b> , Itai Rotem, Olga Shaihov-Teper, Daria Lendengolts, Yeshai Schary, Ruty Shai, Efrat Glick-Saar, Dan Dominissini, Alex Boomgarden, Crislyn D'Souza-Schorey, Nili Naftali Shani, Jonathan Leor	Cardiac Extracellular Vesicles Mediate The Neoplastic Properties Of Heart Failure

Italy	Luke Melo, Giuseppe Ciconte, Ashton Christy, Gabriele Vicedomini, <b>Luigi Anastasia</b> , Edward Grant, Carlo Pappone	A Deep Neural Network Algorithm For Accurate Detection Of Brugada Syndrome Features In Electrocardiograms
Japan	<b>Takahiro Hiraide</b> , Mizuki Momoi, Yoshiki Shinya, Masaharu Kataoka, Keiichi Fukuda	CXCL12/CXCR4 Signal Pathway In Development Of RNF213-associated Vasculopathy
Republic of Korea	Gwang Hyeon Eom, <b>Bitna Lim</b> , Somy Yoon, Mira Kim	Chronic Inhibition Of Protein Phosphatase 1 Exacerbates Cardiac Arrhythmia Via Retardation Of Potassium Channel Activity
Netherlands	<b>Herman Sillje</b> Nienke Stege, Tim Eijgenraam, Vivian Oliveira Nunes Teixeira, Anna Feringa, Marloes Schouten, Cat A. Makarewich, Rhonda S. Bassel-Duby, Eric N. Olson, Rudolf A. De Boer	Dwarf Diminishes Clustering Of The Sarcoplasmic Reticulum In A PLN-R14del Cardiomyopathy Mouse Model And Extends Life Span
Qatar	<b>Patrick G. Burgon</b> , Jonathon Weldrick, Rui Yi, Lynn Megeney	MicroRNA-205 Is Required For Normal Cell Cycle And Cardiac Growth In The Neonatal Mouse Heart
Rwanda	<b>Olutayo I. Ajayi</b> , Martha O. Obayuwana	Potassium Adaptation Down-regulates PSGL-1 And I-CAM-1 Gene Expressions In Salt -Induced Hypertensive Sprague Dawley Rats
Singapore	<b>Ee-Soo Lee</b> , Barnaby E. Young, Hannah Wee, Khang Leng Lee, Florence W. J. Chioh, Michelle C. Y. Law, Ivor Russel Lee, Rinkoo Dalan, Bingwen Eugene Fan, Lay Teng Ang, Kyle M. Loh, David C. Lye, Laurent Renia, Christine Cheung	Role Of Atypical Chemokine Receptor 1 In Endothelial Injury Among COVID-19 Survivors
South Africa	<b>Daniel W. Mutithu</b> , Jennifer A. Kirwan, Henry A. Adeola, Lubbe Wiesner, Richard Naidoo, Ntobeko A. B. Ntusi	Metabolic Biomarkers Associated With Cardiac Remodeling In Patients With Severe Rheumatic Heart Disease And Degenerative Aortic Stenosis

Spain	<b>Ana Paula V. Dantas</b> , Joaquim Bobi, Iolanda Lazaro, Heleen M. Van Beusekom, Alarcon Francisco, José Tomas Ortiz, Merce Roque, Manel Sabate, Salvatore Brugaletta	Extracellular Vesicles From Endothelial Progenitor Cells Limit The Development Of Ventricular Dysfunction In A Mouse Model Of Myocardial Infarction
Sweden	<b>Ermir Zulfaj</b> , Amirali Nejat, Abdulhussain Haamid, Aaron Espinosa, Shafaat Hussain, Ahmed Elmahdy, Yalda Kakei, Bjorn Redfors, Elmir Omerovic	Takotsubo Syndrome Model In Rats
Taiwan	<b>Kai-Ting Chang</b> , Hugo Y. Lin	Renal Tubular Mitochondrial Akt1 Modulates Cardiorenal Metabolic Syndrome
United Kingdom	<b>Matthew Stroud</b>	Lem2 Is Essential For Cardiac Development By Maintaining Nuclear Integrity
United States	<b>Jihyun Jang</b> , Deqiang Li	Endocardial Hdac3 Promotes Myocardial Trabeculation Through A MicroRNA Pathway

## EPI|Lifestyle Scientific Sessions 2023

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	<b>Rita-Maria Abdo</b>	Participation In Intensive Cardiac Rehabilitation Is Associated With Deteriorating Quality Of Life 24-months Following Acute Coronary Syndrome: A Concordance Registry Case-control Study
Austria	<b>Lena Tschiderer</b> , Peter Willeit	Association Of Intima-media Thickness Measured At The Common-carotid Artery With Incident Carotid Plaque
Brazil	<b>Mauro F. F. Mediano</b> , Oswaldo Cruz Fndn, Yejin Mok, Shoshana Ballew, Franklyn Gonzalez II, Daniela Sotres-Alvarez, Yasmin Mossavar-Rahmani, Robert Kaplan, Jordan A. Carlson, Sarah Alver, Martha L. Daviglus, Olga Garcia-Bedoya, Kelly R. Evenson, Jennifer Schrack, Kunihiro Matsushita	Physical Activity Fragmentation And Mortality In Hispanics/Latinos: The Hispanic Community Health Study / Study Of Latinos (HCHS/SOL)
Canada	Hannah Steinman De Visser, Nicole Brunton, Brenden Dufault, <b>Jonathan M. McGavock</b>	Early Life Adversity And Obesity Risk In Adolescence: A 9-year Population-based Prospective Cohort Study
China	<b>Han Han</b> , Geng Zong	Associations Of Individual And Area-based Socioeconomic Status With Cardiovascular Outcomes And Mortality: A Prospective Cohort Study
Colombia	<b>Ricardo A. Pena-Silva</b> , Ana Castrillon-Collazos, Jonathan Arango Junco, Julio Sanchez-Arevalo, Gustavo Villegas-Gomez, Julio Boada Martinez, Maria Artunduaga-Bocanegra, Leslie Vargas-Ramirez, Bellanid Rodriguez-Caceres, Walberto Buelvas, Jazmine Escobar-Perez	Assessment Of Health Literacy In Colombia: A First Step For A Cardiovascular Education Program For The Community

Denmark	<b>Sofie Taageby Nielsen</b> , Jesper Qvist Thomassen, Pia R Kamstrup, Borge G Nordestgaard, Anne-Sophie Sillesen, Anne Tybjaerg-Hansen, Henning Bundgaard, Kasper Iversen, Ruth Frikke-Schmidt	Impact Of Preeclampsia On Cardiovascular Risk Factors In Mothers And Newborns
Egypt	<b>Marina Sous</b> , Esraa Magdi, Nagwa Ebrahim, Irimi Samuel, Alaa Afify, Montasser Ahmed, Mahmoud AbdelNasser, Soha Hekal, Shehab Anwer, Mo'mena Tawfiq, Sherouq Elias, Manar Osman, Basma Shenouda, Abdullah Nouri, Amira Rateb, Arwa Mohamed, Mohamed Salah, John Locas, Eslam Abdelaziz, Dalia Shash, Dina Osama, Mohamed Zakaria, Ahmed M Elguindy, Yasmine Aguib, Magdi Yacoub	The Ballana Heart Study: Preliminary Results
Finland	<b>Nzechukwu M. Isiozor</b> , Setor K. Kunutsor, Ari Voutilainen, Jussi Kauhanen, Xavier Jouven, Bamba Gaye, Jari A Laukkanen	Life's Essential 8 And The Risk Of Stroke In Finnish Men: The Kuopio Ischaemic Heart Disease Risk Factor Study
France	<b>Aboubakari Nambiema</b> , Quentin Lisan, Julien Vaucher, Marie-Cécile Perier, Pierre Boutouyrie, Nicolas Danchin, Frederique Thomas, Geoffroy Solelhac, Raphael Heinzer, Xavier Jouven, Pedro Marques-Vidal, Jean-Philippe Empana	Change In Healthy Sleep Score And Incident Cardiovascular Disease: A Combined Analysis Of Two Independent Community-based Cohorts
Iceland	<b>Sigrídur Björnsdóttir</b> , Hildigunnur Ulfadóttir, Elias Freyr Gudmundsson, Kolbrun Sveinsdóttir, Ari Pall Isberg, Gudlaug Björnsdóttir, Sigurdur Sigurdsson, Saemundur Oddsson, Vilmundur Gudnason	Reduced Liver Fat And Improved Cardiometabolic Health In Individuals With Non Alcoholic Fatty Liver Disease After A 12 Week Digital Intervention - A Feasibility Study

India	<b>Samuel George Hansdak</b>	A 5-day Lifestyle Program For Tobacco And Paan Cessation In South India
Israel	<b>Yariv Gerber</b> , Kelley Pettee Gabriel, David R Jacobs, Jennifer Y. Liu, Jamal S Rana, Barbara Sternfeld, J. Jeffrey Carr, Paul D. Thompson, Stephen Sidney	The Relationship Of Cardiorespiratory Fitness, Physical Activity, And Coronary Artery Calcification To Incident Cardiovascular Disease Events In Cardia Participants
Italy	<b>Marialaura Bonaccio</b> , Augusto F. Di Castelnuovo, Simona Costanzo, Emilia Ruggiero, Simona Esposito, Mariarosaria Persichillo, Amalia De Curtis, Chiara Cerletti, Maria Benedetta Donati, Giovanni de Gaetano, Licia Iacoviello	Quality Of Plant-based Diets Is Differently Associated With Cardiovascular Mortality: A Longitudinal Analysis From The Moli-sani Study
Japan	<b>Sabrina Ahmed</b> , Yuichiro Yano, Zhang Hexun, Yukiko Okami, Nazar Mohd Zabadi Mohd Azahar, Keiko Kondo, Hisatomi Arima, Sayuki Torii, Mohammad Moniruzzaman, Aya Kadota, Akira Andoh, Akihiko Shiino, Kazuhiko Nozaki, Hirotsugu Ueshima, Katsuyuki Miura	Gut Microbiome Alteration And Structural Brain Features Among Healthy Japanese Men
Jordan	<b>Ahmed Aljabali</b> , Sarya Swed, Bisher Sawaf, Basel Abdelazeem	Hiv/hcv Co-infection And The Risk Of Cardiovascular Disease: A Meta-analysis Of 91,153 Patients
Republic of Korea	<b>Hokyoo Lee</b> , Hyeok-Hee Lee, Eunji Kim, So Mi Jemma Cho, Hyeon Chang Kim	Cumulative Ideal Cardiovascular Health During Young Adulthood And Premature Cardiovascular Events In Midlife
Mauritius	Balkiranjit Kaur Dhillon, Shaheen Sombans, <b>Kamleshun Ramphul</b> , Renuka Verma, Osama Abdur Rehman, Sailaja Sanikommu, Yogeshwaree Ramphul, FNU Arti, Stephanie G. Mejias, Petras Lohana, Nomesk Kumar	Predictors Of Cardiogenic Shock Among Patients With Alcohol Abuse Undergoing SAVR In The United States



Nepal	<b>Dayana Shakya</b> , Karin Flodin, Dip Raj Thapa, Jon Victor Bankler, Hua Bai, Ulf Wilhelmsson, Madhusudan Subedi, Nawi Ng, Natalia Oli, Abhinav Vaidya, Per Backlund, Alexandra Krettek	Gaming The Way To Cardiovascular Health In Nepal: A Digital Approach In Adolescents
Netherlands	<b>Joreintje D. Mackenbach</b> , Josine M. Stuber, Cédric N. Middel, Jeroen Lakerveld, Joline W. Beulens	Real-life Effects Of Nudging And Pricing Strategies In The Supermarket To Promote Healthy Diets And Cardiometabolic Health: The Supreme Nudge Parallel Cluster-randomized Controlled Trial
Rwanda	<b>Jean de Dieu Gatete</b> , M. Grace Duhuze Karera, Annemarie Wentzel, MC Sage Ishimwe, Ram Jagannathan, Margrethe Horlyck-Romanovsky, Anne E Sumner	A Review Of Trials Designed To Achieve Diabetes Remission With Lifestyle Intervention Alone: Implications For Sub-saharan Africa
Saudi Arabia	<b>Abdullah Alansare</b> , Joshua Paley, Tyler Quinn, Bethany Barone Gibbs	Paradoxical Associations Of Occupational And Non-occupational Sedentary Behavior With Cardiovascular Risk Factors In Desk Workers
Senegal	<b>Awa Ba</b> , Audrey Geoffroy, Elisabeth L. Sattler, Mor Diaw, Ibrahima Bara Diop, Sidy Seck, Abdoulaye Samb, Xavier Jouven, Bamba Gaye	Undiagnosed Cases Of Diabetes, Dyslipidemia And Hypertension In A Sub-saharan African Community: Prevalence And Determinants
Singapore	<b>Ling-Jun Li</b> , Ruochen Du, Marion Ouidir, Ruijin Lu, Zhen Chen, Natalie Weir, Michael Tsai, Paul Albert, Cuilin Zhang	Early Pregnancy Maternal Plasma Phospholipid Saturated Fatty Acids And Subsequent Fetal Growth Trajectories: The Nichd Fetal Growth Studies-singleton Cohort
South Africa	<b>Annemarie Wentzel</b> , Ruan Kruger, Wayne Smith, Esme Jansen van Vuren, Aruba Chowdry, Edmond Wonkamtingang, Niel A. Hanchard, Stephanie T Chung	Higher Allostatic Load Score Is Associated With Early Cardiovascular Risk In Young South Africans. The AfricanPREDICT Study

Spain	<b>Mercedes Sotos-Prieto</b> , Javier Maroto Rodriguez, Mario Delgado-Velandia, Aurora Perez-Cornago, Rosario Ortola, Fernando Rodriguez-Artalejo	Association Of A Mediterranean Lifestyle With All-cause And Cause-specific Mortality: A Prospective Cohort Study From UK Biobank
Taiwan	<b>Gen-Min Lin</b> , Kun-Zhe Tsai, Xuemei Sui, Carl Joseph Lavie Jr.	Estimated Power Output For A Distance Run And Maximal Oxygen Uptake In Young Adults
United Kingdom	<b>Abbas Dehghan</b> , Jian Huang, Natalie Hesbani, Palwende Romuald, Marjan Zare, Nora Franceschini, Paul de Vries, Ioanna Tzoulaki, Devendra Meena	Genome Wide Association Study And Multi-ancestry Meta-analysis Identify Common Variants Associated With Carotid Artery Intima Media Thickness
United States	<b>Xuan Wang</b> , Hao Ma, Xiang Li, Yoriko Heianza, Joann E. Manson, Oscar H Franco, Lu Qi	Life's Essential 8 And Life Expectancy Free Of Cardiovascular Disease, Diabetes, Cancer, And Dementia In Adults

## Hypertension Scientific Sessions 2023

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	<b>Brian J. Morris</b> , Randi Chen, Timothy A. Donlon, Webster Ross, Kalpana Kallianpur, Bradley J. Willcox, Richard C. Allsopp, Kazuma Nakagawa, Kamal H. Masaki	Association Of Foxo3 Longevity Genotype And Late-life Hypertension With Alzheimer'S Disease And Vascular Dementia
Brazil	<b>Tereza C. Buzinari</b> , Jaci A. Castania, Sergio L. Salvador, Rubens Fazan Jr, Helio C. Salgado	Periodontitis Accelerates The Onset Of Arterial Hypertension In SHR, While The Electrical Activation Of The Carotid Sinus Nerve Delays The Beginning Of The Increase In Blood Pressure.
Canada	<b>Amanpreet Kaur</b>	Sex Differences In The Relationship Between The Age Of Hypertension Diagnosis And Brain Structure In Midlife And Older Population: New Insights From The Uk Biobank
Chile	<b>Patricio A. Araos</b> , Sut'yam Cortés, Rafael Campos, Javier Reyes, Stefanny Figueroa, Eduardo Guzman, María José Fuenzalida, Rodrigo Pacheco, Cristián A. Amador	Renal Macrophages From Losartan Treated Mice Transfer The Hypertension
China	<b>Lingyan Fei</b> , Minze Xu, Honghong Wang, Shan Jiang, Andreas Patzak, Pratik khedkar, Zhihua Zheng	Piezo1 Mediates Vasodilation Induced By Acute Hyperglycemia In Mouse Renal Arteries And Microvessels
Denmark	<b>Igor Maciel Souza-Silva</b> , Augusto Peluso, Lucas Ribeiro, Andre Rodrigues, Lene Jakobsen, Pia Jensen, Colin Sumners, Michael Bader, Martin Larsen, Thiago Verano-Braga, Ulrike Muscha Muscha Steckelings	Phosphoproteomics Analysis Reveals That Angiotensin-(1-5) Inhibits MTOR Signalling Pathway In Endothelial Cells
France	<b>Ixchel Lima Posada</b> , Yohan Stephan, Matthieu Soulié, Roberto Palacios-Ramirez Sr., Benjamin Bonnard, Peter Kolkhof, Paul Mulder, Frederic Jaisser	The Non-steroidal Mineralocorticoid Receptor Antagonist Finerenone Improves Diastolic Dysfunction In Preclinical Non-diabetic Chronic Kidney Disease

Germany	<b>Kristin Kraeker</b> , Nadine Haase, Sarah Kedziora, Alina Frolova, Till Schuette, Florian Herse, Dominik N. Mueller, Ralf Dechend	Microvascular Imaging As Early Predictor For Cardiac Dysfunction After Preeclampsia
India	<b>Vishrant Amin</b> , Mohit Lakkimsetti, Venkata Sai Harshabhargav Chenna, Mahesh Gangannapalle, Charmy Patel, Devang Undaviya, Arushi Dhawan, Rohan Gajjar, Hardik Dineshbhai Desai	Global Burden Of Stroke Attributable To High Systolic Blood Pressure In 38 Oecd Countries: A Systematic Analysis For The Global Burden Of Disease Study 2019
Italy	<b>Marialuisa Perrotta</b> , Lorenzo Carnevale, Fabio Pallante, Agnese Migliaccio, Sara Perrotta, GIUSEPPE LEMBO, Daniela Carnevale	Angiotensin Ii Activates At 1a Receptors In Sfo-pvn-dmv To Modulate The Autonomic Nervous System And Immune System In Hypertension
Japan	<b>Kei Omata</b> , Yuta Tezuka, Yoshikiyo Ono, Fumitoshi Satoh	PO2- guided Adrenal Vein Sampling In Primary Aldosteronism
Republic of Korea	<b>Hyung Joon Joo</b> , Subin Lim, Ju Hyeon Kim, Yong Hyun Kim, Eung Ju Kim	Optimal Count And Threshold In Blood Pressure Variability For Cardiovascular Risk Estimation In Hypertensive Patients
Nigeria	<b>Osahon Jeffery Asowata</b> , Ifeoluwa Bodunde, David Kadan Danladi, Onoja Matthew Akpa, Adekunle Fakunle, Fred S. Sarfo, Albert Akpalu, Reginald Obiako, Kolawole W. Wahab, Godwin Osaigbovo, Godwin Ogbole, Joshua Akinyemi, Lukman Owolabi, Morenikeji Komolafe, Rufus Olusola Akinyemi, Bruce Ovbiagele, Akinkunmi Paul Okekunle, Mayowa Owolabi	Low Vegetable Consumption Doubles The Risk Of Stroke Among Hypertensives In West Africa
South Africa	<b>Nasheeta Peer</b> , Andre-Pascal Kengne	Greater Burden Of Chronic Kidney Disease Is Associated With Hypertension Prevalence And Management In South Africa
Spain	<b>Anna Oliveras</b> , Susana Vázquez, Carme Camps, Laia Fontdevila, Francisco J. Illana, Isabel Galceran, Laura Andolza, Ernest Vinyoles, Juanjo Hernandez, Marta Crespo	An Action Plan To Improve Biochemically Detected Non-adherence To Antihypertensive Treatment Results In A Short-term Reduction In Arterial Stiffness And A Long-term Reduction In Albuminuria (the ATHAN Clinical Trial)

Switzerland	<b>Raghvendra K. Dubey</b> , Giovanna Azzarito, Brigitte Leeners, Marinella Rosselli	Transcriptomic Profiling Of Sars-cov-2 Spike Protein S1 Subunit Mediated Changes In Human Vascular - pericytes, -endothelial Cells (ECs), - smooth Muscle Cells And Lymphatic ECs: Evidence For Differential Gene Regulation
Taiwan	<b>Pao Hsien Chu</b> , Chia-Pin Lin	Concomitant Hypertension And Dyslipidemia Patients Treated Bby Either Fixed-Dose Or Free-Combination Amlodipine And Atorvastatin
Thailand	<b>Weerapat Kositanurit</b> , John M. Giacona, Donglu Xie, Natalie Hoeting, Ann Marie Navar, Wanpen Vongpatanasin	Trends In Primary Aldosteronism Screening - An Underutilized Test In Hypertension
United Kingdom	<b>Jorg Taubel</b> , Akshay S. Desai, Maxwell Lasko, Tiffany Zee, Daniel Stiglitz, Sean Rhyee, Dion H. Zappe, George L. Bakris	Safety And Tolerability Of Zilebesiran, An RNA Interference Therapeutic Targeting Hepatic Angiotensinogen Synthesis, In Obese Patients With Hypertension
United States	<b>Hong Xue</b> , Pengyuan Liu, Mark Vanden Avond, Michael Grzybowski, Jingli Wang, Rong Ying, Justin Westhoff, Michael E Widlansky, Allen W Cowley Jr., Aron M. Geurts, Mingyu Liang	Deletion Of A Non-coding Genomic Segment Orthologous To The Human Rs1173771 Haplotype Region Attenuates Hypertension In Dahl Salt-sensitive Rats

## International Stroke Conference 2023

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Argentina	<b>Vignan Yogendrakumar</b> , Leonid Churilov, Prodipta Guha, James Beharry, Peter J. Mitchell, Timothy J. Kleinig, Nawaf Yassi, Vincent Thijs, Teddy Y. Wu, Helen Brown, Helen M. Dewey, Tissa H. Wijeratne, Bernard Yan, Gagan Sharma, Patricia Desmond, Mark W. Parsons, Geoffrey A. Donnan, Stephen Davis, Bruce Campbell	Tenecteplase Treatment And Thrombus Characteristics Associated With Early Reperfusion - An EXTEND-IA TNK Trials Analysis
Brazil	<b>Luiz Dalfior Jr.</b> , Michel Machado, Percilia Alves, Pablo Oliveira, Paola da Silva, Geovanna Augusto, Júlian Letícia de Freitas, Luiz Fernando R. Oliveira, Igor Terehoff, Nalcer Canedo, Luisa Avezum, Mariana Piva, Mateus Tolentino, Pedro Domingues, Gabriella Dousseau, Isabel Santos, Maria Sheila G. Rocha	Machine Learning Approach In Prediction Of Nasoenteral Tube In Acute Ischemic Stroke
Canada	<b>Nicole J. Sylvain</b> , Michael Pushie, Huishu Hou, Claire N. DuVal, Sally Caine, Mark J. Hackett, Michael E. Kelly	Imaging Markers Of Energy Metabolism In The Post-stroke Mouse Brain
Chile	<b>Marilaura Nuñez</b> , Carlos Delfino, Claudia Asenjo-Lobos, Francisca Gonzalez, Amy Riviotta, Francisca Urrutia, Andrea Schilling, Pablo M. Lavados, Craig Stuart Anderson, Paula Munoz Venturelli	Age And Sex Differences And Temporal Trend In Stroke Incidence In Latin America: A Systematic Review And Meta-analysis
China	Anxin Wang, Baixue Jia, Xuelei Zhang, Yilong Wang Sr., <b>Zhongrong Miao</b> , BAST Investigators	Butylphthalide Improves Functional Outcome In Patients With Acute Ischemic Stroke Receiving Intravenous Thrombolysis And/or Endovascular Treatment In Comparison To Placebo

Costa Rica	<b>Gabriel Torrealba-Acosta, Miguel A Barboza,</b> Antonio Arauz, Pablo F. Amaya, Sebastian F. Ameriso, Vanessa Cano, Alan Flores Flores, Pablo M. Lavados, Virginia A. Pujol Lereis, Fabiola Serrano, Thomas A Kent, Pitchaiah Mandava	Favorable Mechanical Thrombectomy Outcomes From The Latin American Stroke Registry (lase) And Resilient Trial Compared To A 90-day Functional And Mortality Predictive Model
Denmark	<b>Jesper Peter Bömers,</b> Michael Karlsson, Tiit Illimar Mathiesen, Lars Edvinsson, Kristian Agmund Haanes	Temporal Change Of Brain Mitochondrial Function In A Rodent Model Of Subarachnoid Hemorrhage
Finland	<b>Liisa Tomppo,</b> Brady Gaynor, Jukka Putaala, Daniel Strbian, Janika Kõrv, Riina Vibo, Frank-Erik de Leeuw, Giorgio Boncoraglio, Guillaume Pare, Hugh Markus, Tatjana Rundek, Kathryn M Rexrode, Sylvia Wassertheil-Smoller, Jonathan Rosand, Aki S Havulinna, Rainer Malik, Braxton D Mitchell, Steven J Kittner	Sex-stratified Transethnic GWAS Meta-analysis Identifies Novel Candidates For Early Onset Ischemic Stroke
France	<b>Candice Sabben,</b> Frederique Charbonneau, François Delvoe, Mikael Mazighi, Guillaume TURC, Pierre Seners, Acapulco investigators	Mechanical Thrombectomy Or Medical Management Alone For Isolated Posterior Cerebral Artery Occlusion. An International Multicentric Observational Study
Germany	<b>Sven Poli,</b> Timea Keller, Peter Martus, Khoulood Poli, Ulf Ziemann, Tobias Geisler	The ATTICUS Randomized Controlled Trial - Subgroup Analyses
Hong Kong	<b>Janita Pak Chun Chau,</b> Suzanne Hoi Shan Lo, Alexander Yuk Lun Lau, Vivian Wing Yan Lee, Kai Chow Choi, Edward Wai Ching Shum, Sheung Sheung Hung, Vincent Chung Tong Mok, Kee Chen Elaine Siow, Jessica Yuet Ling Ching, Simon Kwun Yu Lam	An Evaluation Of Stroke Survivors' Self-efficacy In Self-management Using A Stroke Telehealth Service
India	<b>Srijithesh P Rajendran,</b> EV Gijo, Pritam Raja, Ashok Vardhan Reddy, Mythirayee S, Girish Baburao B Kulkarni, Jitender Saini, HR Aravinda	Application Of Lean Six Sigma Principles In Initiation Of Acute Stroke Intervention Program In A Large Tertiary Care Academic Hospital In India

Italy	<b>Daive Bartoli</b> , Ercole Vellone, Gianluca Pucciarelli, Agostino Brugnera, Rosaria Alvaro, Andrea Greco	Quality Of Life Trajectory In Stroke Survivors And Their Effect On Caregivers, One Year After Discharged From Rehabilitation Hospitals: A Longitudinal Study
Japan	<b>Manabu Inoue</b> , Takeshi Yoshimoto, Kazunori Toyoda, Nobuyuki Sakai, Hiroshi Yamagami, Yuji Matsumaru, Yasushi Matsumoto, Kazumi Kimura, Reiichi Ishikura, Kazutaka Uchida, Mikiya Beppu, Fumihiro Sakakibara, Takeshi Morimoto, Shinichi Yoshimura	The Very Core Limit Of Endovascular Therapy For Acute Stroke With A Large Ischemic Region
Republic of Korea	<b>Minwoo Lee</b> , Byung-Chul Lee, Kyung-Ho Yu, Mi-Sun Oh, Beom Joon Kim, Jun Yup Kim, Jihoon Kang, Jong-moo Park, Kyusik Kang, Tai Hwan Park, Kyung Bok Lee, Keun-sik Hong, Hong-kyun Park, Yong-Jin Cho, Dong-Eog E Kim, Soo Joo Lee, Jae Guk Kim, Jun Lee, Jaekwan Cha, Dae Hyun Kim, Joon-Tae Kim, Kangho Choi, Jay Chol Choi, Sung-il Sohn, Jeong-Ho Hong, Sanghwa Lee, Kim Chul Ho, Dong Ick I Shin, Kyu Sun Yum, Juneyoung Lee, Ji Sung Lee, Hee-joon Bae	Impact Of Novel Oral Anticoagulant Use On Secular Trend Of Vascular Events Or Death After Atrial Fibrillation-related Acute Ischemic Stroke
Netherlands	<b>Anita van de Munckhof</b> , Afshin Borhani-Haghighi, Sanjith Aaron, Katarzyna Krzywicka, Sven Poli, Charlotte Cordonnier, Timothy J Kleinig, Robin Lemmens, Mayte Sanchez van Kammen, Adrian Scutelnic, Erik Lindgren, Joshua Mbroh, Alfonso Ciccone, Matthias Wittstock, Julian Zimmermann, Felix J. Bode, Mona Skjelland, Annemie Devroye, Jiengang Duan, Sini Hiltunen, Marco Petruzzellis, Johanna A. Kremer Hovinga, Albrecht Günther, Katarina Jood, Turgut Tatlisumak, Jukka Putaala, Mirjam Heldner, Marcel Arnold, Diana Aguiar De Sousa, Muhammad Wasay, Antonio Arauz, Adriana B Conforto, Jose M. Ferro, Jonathan M. Coutinho	Cerebral Venous Sinus Thrombosis Due To Vaccine-induced Immune Thrombotic Thrombocytopenia In Middle-Income Countries



New Zealand	<b>Joseph Donnelly</b> , Jae Beom Hong, Vivien T Yong, William Diprose, James Caldwell, Shane Lee, Ben McGuinness, Stefan Brew, P A Barber	Bridging Thrombolysis In Stroke Patients With Low Aspects Prior To Endovascular Thrombectomy
Norway	<b>Nedim Leto</b> , Conrad A Bjorshol, Martin Kurz, Øyvind Østerås, Annette Fromm, Thomas Lindner	Prehospital Identification Of Acute Ischaemic Stroke With Large Vessel Occlusion
Portugal	<b>Joao Andre Sousa</b> , Inês Alves, Helena Donato, Joao Freitas	The Twitter Factor: Twitter Correlates With Higher Citation Rates In Stroke Articles
Qatar	<b>Naveed Akhtar</b> , Rajvir Singh, Saadat Ilyas Kamran, Sujatha Joseph, Deborah Morgan, Ryan Ty Uy, Sarah Treit, Ashfaq Shuaib	The Impact Of Serum Triglycerides On Stroke Severity And Prognosis. Analysis In 6558 Patients (2014-2022)
Romania	<b>Bianca O Pirlog</b> , Asha P Jacob, Jose-Miguel Yamal, Stephanie Parker, Suja S Rajan, Ritvij Bowry, Alexandra L Czap, Patti Bratina, Michael O Gonzalez, Noopur Singh, Mengxi Wang, Jinhao Zou, Nicole R Gonzales, William J Jones, Anne W Alexandrov, Andrei V Alexandrov, Babak B Navi, May Nour, Ilana Spokoyny, Jason S Mackey, Matthew E Fink, Jeffrey L Saver, Joey D English, Nobl Barazangi, John J Volpi, Chetan P Rao, Joseph S Kass, Laura Griffin, David Persse, James C Grotta	Acute Stroke Treatment In Patients With Pre-existing Disability: A Secondary Analysis Of The BEST-MSU Trial
Singapore	<b>Enver De Wei Loh</b> , Keith Zhi Xian Toh, Gabriel Yi Ren Kwok, Claire Goh, Yao Hao Teo, Yao Neng Teo, Ching-Hui Sia, Benjamin YQ Tan, Leonard L Yeo	Efficacy And Safety Of Endovascular Therapy For Acute Ischemic Stroke With Distal Medium Vessel Occlusions: A Systematic Review And Meta-analysis
South Africa	<b>Struan Hume</b> , Aichi Chien, Malebogo Ngoepe, Wei Hua Ho, Thomas Peach	Clotting Analysis Of Computational Model Of Direct Thrombolysis In Cerebral Aneurysms

Spain	<p><b>Marc Rodrigo-Gisbert</b>, Manuel Requena, Marta Rubiera, Prudencio Lozano, Marta de Dios Lascuevas, Alvaro Garcia-Tornel Garcia, Marta Olive-Gadea, Carlos Piñana, Federica Rizzo, Sandra Boned, Marian Muchada, Noelia Rodriguez-Villatoro, David Rodriguez-Luna, Jesus Juega, Jorge Pagola, David Hernández, Carlos A Molina, Alejandro Tomasello, Marc Ribo</p>	<p>Intracranial Artery Calcifications As A Predictor Of Failed Mechanical Thrombectomy And Need Of Rescue Procedures In Endovascular Treatment Of Acute Ischemic Stroke</p>
Sweden	<p><b>Tommy Andersson</b>, Raul G. Nogueira, Albert J Yoo, Ricardo Hanel, Osama O Zaidat, Werner Hacke, Tudor Jovin, Jens Fiehler, Simon F De Meyer, Waleed Brinjikji, Karen Doyle, David S Liebeskind, Diogo C Haussen, Violiza Inoa, William E Humphries III, Keith B. Woodward, Pascal M Jabbour, Olivier Francois, Hormozd Bozorgchami, Elad I Levy, Stephan Boor, Jose Cohen, Shervin R Dashti, Muhammad A Taqi, Ronald F Budzik, Clemens M Schirmer, M. Shazam Hussain, Laurent Estrade, Reade A De Leacy, Ajit S Puri, Rohan V Chitale, Caspar Brekenfeld, Adnan H Siddiqui</p>	<p>First Pass Outcomes And Associated Clot Characteristics: Secondary Analysis Of The Excellent Registry</p>
Switzerland	<p><b>Adnan Mujanovic</b>, Omer Eker, Gaultier Marnat, Daniel Strbian, Petra Ijas, Cécile Preterre, Aude Triquenot, Jean-Francois Albucher, Maxime Gauberti, David Weisenburger-Lile, Marielle Sophie, Omid Nikoubashman, Anastasios Mpotsaris, Benjamin Gory, Vi Tuan Hua, Marc Ribo, David S Liebeskind, Tomas Dobrocky, Thomas Meinel, Lukas Bütikofer, Jan Gralla, Urs Fischer, Johannes Kaesmacher</p>	<p>Association Of Intravenous Thrombolysis And Pre-interventional Reperfusion: A Post-hoc Analysis Of The Swift Direct Trial</p>
Taiwan	<p><b>Hsin-Hsi C Tsai</b>, Ya-Chin Tsai, Chia-Ju Liu, Sheng-Sian Lin, Yu-Chen Chuang, Ya-Fang Chen, Jiann-Shing Jeng, Li-Kai Tsai, Ruoh-Fang Yen</p>	<p>Cerebral Amyloid Deposition Predicts Long-term Cognitive Decline In Intracerebral Hemorrhage Survivors</p>

Turkey	<b>Ibrahim Levent Gungor</b> , Ethem Murat Arsava, Mehmet Akif Topcuoglu, MASS Investigators	Determinants Of In-hospital Muscle Loss In Acute Ischemic Stroke - Results Of The Muscle Assessment In Stroke Study (MASS)
United Kingdom	John H McDermott, Lisa J Woodhouse, Dwaipayan Sen, Craig James Smith, William G Newman, <b>Philip M Bath</b> , TARDIS Investigators	Interaction Between CYP2C19 Allele Status And Outcome Following Ischemic Stroke In Patients Treated With Clopidogrel: A TARDIS Trial Substudy
United States	<b>Kent P. Simmonds</b> , Folefac Atem, Babu G Welch, Nneka L Ifejika	Racial Disparities In The Treatment Of Post-stroke Complications Among Acute Stroke Patients
Uruguay	<b>Maria Paz Rodriguez</b> , Shayandokht Taleb, Kaiser Permanente, Jenny Ji-hyun Lee, David S Liebeskind, Jeffrey L Saver	Ac-aspects And H-aspects: Imaging Scores To Assess Anterior Cerebral Artery Territory And Total Hemispheric Ischemia
Vietnam	<b>Chinh Quoc Luong</b> , Ton Duy Mai, Luu Dang Vu, Co Xuan Dao, 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 Thu Vuong, Hung Dinh Vu, Dong Duc Nguyen, Thanh Dang Vu, Dung Tien Nguyen, Anh Le Ngoc Do, Quynh Thi Pham, Nhung Hong Khuat, Ninh Van Duong, Cong Chi Ngo, Son Ngoc Do, Hao The Nguyen, Chi Van Nguyen, Anh Dat Nguyen, Tuan Anh Nguyen	Factors Associated With Intracerebral Hematoma In Patients With Aneurysmal Subarachnoid Hemorrhage In Vietnam: A Multicenter Prospective Cohort Study

## Vascular Discovery Scientific Sessions 2023

COUNTRY	AUTHOR BLOCK	PUBLISHING TITLE
Australia	<b>Sanuri Liyanage</b> , Anna Williamson, Thalia Salagaras, Mohammadhossein Hassanshahi, Aaron Long, Dang Tran, Sylvia Kulesza, Khalia Primer, Andrew Murphy, Sanuja Fernando, Joanne Tan, Claudine Bonder, Christina Bursill, Shiwani Sharma, Peter Psaltis	Inhibitory And Metabolic Effects Of Diabetes On Yolk Sac-derived Endothelial-macrophage Progenitors In Postnatal Murine Tissues
Belgium	<b>Kimberly Martinod</b> , Severien Meyers, Marilena Crescente, Stijn Van Bruggen, Mathias Stroobants, Patrick M Siegel, Katharina Glatz, Thilo Witsch	Involvement Of Peptidylarginine Deiminase 4 In Eosinophil Extracellular Trap Formation And Contribution To Citrullinated Histone Signal In Thrombi
Canada	<b>Adil Rasheed</b> , Taylor Dennison, Sabrina Robichaud, Hailey Wyatt, My-Anh Nguyen, Michele Geoffrion, Yacine Marouf, Adir Baxi, Richard Lee, Hilal Kazan, Coen van Solingen, Mireille I Ouimet, Katey J Rayner	Hyperlipidemia-induced Hematopoiesis Is Repressed By MLKL In Endothelial Cells Of The Splenic Niche
China	<b>Fengshi Li</b> , Zihua Rong, Changwei Liu	Inhibition Of Tirna-gly-gcc Ameliorates Neointimal Formation Via Cbx3-mediated Vascular Smooth Muscle Cells Phenotypic Switching
Dominican Republic	<b>Licurgo J Cruz Sr.</b> , Anthony Gutierrez, Ka Wu, Helio Grullon, Yanely Lopez	Ambulatory Percutaneous Coronary Angioplasty: A Resource For Low-income Countries
France	Angèle Frisdal, Serban Morosan, Christelle Enond, Stéphane Sylvain Marot, Anne-Geneviève Marcelin, Stéphane Hatem, <b>Sophie Nadaud</b>	Sars-cov2 Infection Leads To Pulmonary Vascular Remodeling In Transgenic Mice Expressing Human ACE2 In Vascular Cells

Germany	Maximillian Sausen, Robert Mertens, Luis Quintana, Marcia Rueckbeil, Paul Idel, Nadim Tabaza, Naresh Ganesh, Susanne Just, Maria Arrivas, Julia Moellmann, Jens Spießhoefer, Moritz B Biener, Evangelos Giannitsis, Hugo Katus, Daniel J Drucker, Nikolaus Marx, Michael Lehrke, <b>Florian Kahles</b>	Glp-2 Predicts Cardiovascular Outcomes In Patients With Myocardial Infarction And Increases Atherosclerosis In Mice
Hong Kong	<b>Xiao-Yu Tian</b> , Xiaoyun Cao, Wing T Wong	L-arginine Metabolism Regulated By Sirt3 During Endothelial Cell Dysfunction And Atherosclerosis
India	<b>Praveen Machiraju</b> , Arkasubhra Ghosh	Telomerase Reverse Transcriptase Protects Against Oxldl Induced Endothelial Dysfunction By Positively Regulating Autophagy
Ireland	<b>Sherif Sultan</b> , Yogesh Acharya, Niamh Hynes	Explantation Vs Graft Preserving Strategy Following Primary Endovascular Aneurysm Repair
Italy	Giulia Furini, Alessandro De Carli, Rossella Fonnesu, Pietro Giorgio Spezia, Mauro Pistello, Michele Lai, <b>Vincenzo Lionetti</b>	RNA Interference To Knock Down Endothelial Von Willebrand Factor Protects Against Endothelial Infection By SARS-CoV-2
Japan	<b>Nobuyuki Masaki</b> , Yuki Ishinoda, Takeshi Adachi	Effectiveness Of The Ratio Of L-cysteine To L-glutathione In Serum For Prediction Of Cardiovascular Events
Republic of Korea	<b>Hye Rin Choi</b> , Yoosoo Chang, Ria Kwon, Ga-young Lim, Eunkyo Park, Seungho Ryu	Association Between Vasomotor Symptoms And Arterial Stiffness Among Women In Menopausal Transition
Netherlands	<b>Arnout Mieremet</b> , Mitzi van Andel, Yousef Morcos, Gerhard Sengle, Dieter Reinhardt, Barbara Mulder, Aeilko Zwinderman, Maarten Groenink, Antoine Driessen, Dimitra Micha, Vivian de Waard	Development Of A Phenotypic Screen With 56 Marfan Syndrome Patient-derived Fibroblasts

Poland	<b>Zofia Wicik</b> , Mikołaj Marszałek, Andrzej Ciechanowicz, Disha Keshwani, Ceren Eyileten, Szczepan Wiecha, Lukasz Malek, Magdalena Kucia, Marek Antoni Postula	Ultramarathon Induces Metabolite Changes Associated With Pathophysiology Of Cardiovascular Diseases- In Silico And In Vivo Analysis
Qatar	<b>Isra Marei</b> , Binitha Thomas, Blerina Ahmetaj-Shala, Omar Chidiac, Tanwir Habib, El-Naas Ahmed, Anam Ehtesham, Azwa Dilawar, Leena Elsheikh Aboidris, Muhammed Jameesh Moidy, Amin Jayyousi, Jassim M Al suwaidi, Charbel A Abi Khalil, Jane A Mitchell, Chris R. Triggle	Altered Gene Expression And Impaired Repair Functions Of Circulating Endothelial Colony-Forming Cells From Diabetic Patients
Sweden	<b>Hong Jin</b> , Moritz Lindquist Liljeqvist, Zhiyuan Wu, Linda Micali, Bianca E Suur, Mariette Lengquist, Xiang Zhang, Malin Kronqvist, Jessica Pauli, Joy Roy, Ljubica Matic	Pcsk6 Ablation In Vascular Smooth Muscle Cells Promotes Abdominal Aortic Aneurysm Development And Rupture
Taiwan	<b>Fan-E Mo</b>	The Matricellular Protein Ccn1 Induces Aortic Aneurysms In Mice
United Kingdom	<b>Clare Macleod</b> , Allende Miguelez-Crespo, Elisa Villalobos, Homer Natalie, Mauro Giacca, Patrick Hadoke, Mark Nixon	Genetic Deletion Of Neutrophil Elastase Does Not Alter Lesions In Mice With Atherosclerosis Induced By Aav8-mediated Over-expression Of PCSK9
United States	<b>Rajat M Gupta</b> , Gavin R Schnitzler, Helen Kang, Ramcharan Singh Angom, Shi Fang, Vivian Lee-Kim, Tony Zheng, Rosa Ma, Aurelie Barry, Ronghao Zhou, Debabrata Mukhopadhyay, Jesse Engreitz	CRISPRi-Perturb-seq In Endothelial Cells Links Atherosclerosis Risk Loci To Novel Klf2/4 Regulatory Genes