



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 2024 AHA Meetings

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| <u>International Stroke Conference</u> | 2-7 |
| <u>EPI Lifestyle Scientific Sessions</u> | 8-10 |
| <u>Vascular Discovery Scientific Sessions</u> | 11-13 |

International Stroke Conference 2024

| COUNTRY | AUTHOR BLOCK | PUBLISHING TITLE |
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| 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 |

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| 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 Widyasari, 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 |

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| Italy | Davide 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 |

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| 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 |

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| 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 |

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| Vietnam | <p>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</p> | <p>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</p> |
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EPI|Lifestyle Scientific Sessions 2024

| COUNTRY | AUTHOR BLOCK | PUBLISHING TITLE |
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| 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 |

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| 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 |

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| 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 Alsalman, 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 |

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 |

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| 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-Madrugal, 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 |

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| Pakistan | Priyatha Vemparala, Rabia Islam , Mihir Vanodia, Prashantkumar Savaliya, Mandeesinh 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, Hsingyu 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 |