THE INTERNATIONAL SYMPOSIUM ON RESISTANCE ARTERIES

ISRA 2-5 DECEMBER 2024 ELSINORE - HELSINGØR - DENMARK

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ORGANIZING COMMITTEE

Thomas Jepps (University of Copenhagen)

Christian Aalkjaer (Aarhus University)

Ulrike Muscha Steckelings (University of Southern Denmark

lain Greenwood (St. George's University of London)

Ed van Bavel (Amsterdam University Medical Centers)

Manuel Navedo (University of California, Davis)

Miranda Good (Tufts Medical Center)



POSTER OVERVIEW

It is a pleasure to welcome you to the 14th International Symposium on Resistance Arteries (ISRA 2024) in Helsingør, Denmark!

This year marks the 40 year anniversary since the first ISRA, when ~30 prominent resistance artery researchers met in Sandbjerg, Denmark. This conference has gone on to become a mainstay for vascular researchers across the world to meet and present their latest findings.

It is hard to overstate the importance of the vascular network and, in particular, the resistance arteries when it comes to ensuring the appropriate regulation of blood flow to each organ of the body and the arterial pressure. Ultimately, healthy resistance arteries are essential to a healthy life. However, understanding the role of resistance arteries in the development and progression of multiple diseases is difficult given the complex mix of endothelial cells, smooth muscle cells, elastic and connective tissue, fibroblasts, inflammatory cells, perivascular adipose tissue and nerves that make up the arterial wall.

Combining knowledge and expertise on vascular health across groups studying different cell types and diseases is a challenge. This conference will unite basic and clinical scientists from around the world, and industry leaders that are focused on cardiometabolic diseases involving dysregulated resistance arteries.

Together with the organizing committee, we have created a programme to showcase the importance of resistance arteries within several focused sessions. We have 13 world-leading invited speakers who will present their latest research on a myriad of topics centered on resistance arteries. Additionally, this year we have focused on filling the programme with communications selected from abstracts. We believe this structure will result in more unpublished, novel data being presented, stimulate constructive, vibrant discussions and support collaborations across disciplines to close the gaps in knowledge between vascular physiology and the many diseases that have vascular complications.

We would like to extend our thanks to all of you for supporting ISRA, as well as our sponsors, without whom this meeting would not be possible.

Besides an excellent scientific programme, we hope you will discover the beauty, charm and hygge of Copenhagen and Helsingør at Christmas time.

We hope you will enjoy ISRA2024 and the wonderful, cozy Danish Christmas spirit.

Thomas Jepps and Christian Aalkjær



GENERAL INFORMATION

CONFERENCE WEBSITE

www.isra2024.org

ISRA 2024 CONFERENCE SECRETARIAT

CAP Partner Nordre Fasanvej 113, 1 floor 2000 Frederiksberg Denmark Tel.: +45 70 20 03 05 info@cap-partner.eu www.cap-partner.eu

ACCOMMODATION & CATERING

Room check-in at Konventum is available from 14:00 (2 pm), and check-out is at 09:00 (9 am).

Breakfast is served Monday to Friday from 07:00 to 09:00 (7 am–9 am) Lunch & dinner is included in your registration and will be in Konventums restaurant – please see the programme for dining times.

NOTE: Dinner on the 5th of December is not included because of the Gala Dinner.

CERTIFICATES OF ATTENDANCE

After the conference, all participants will receive an email with a link to download their certificate of attendance.

INFORMATION FOR SPEAKERS

The format of presentations should be 16:9 (widescreen format) in Microsoft PowerPoint, and the language should be English. Please use a USB stick to transfer your presentation to the computer in the plenary room. Make sure you upload your presentation no later than the break or session before your session. At the end of the conference, all presentations will be deleted to prevent any copyright issues from arising.

WI-FI ACCESS

Free WI-FI access is provided at the conference venue and hotel rooms.

BADGES

Conference name badges must be worn during the conference. Access to the plenary room will not be granted without a name badge issued by the conference secretariat.

Important! Before you leave the conference, please return your badge at the registration desk.



SOCIAL EVENTS



WELCOME RECEPTION

Sponsored by Sophion

Date	2 December 2024
Time	20:00-21:00
Place	The bar at Konventum, also called 'Mødestedet'

The reception is included in the registration fee.



GALA DINNER

Date	5 December 2024
Time	18:30-22:00
Place	M/S Maritime Museum of Denmark
Address	Ny Kronborgvej 1, 3000 Helsingør

The Gala Dinner is not included in the registration fee and only accessible to those who have purchased a ticket.

Note: Buses have been arranged to transport attendees to and from the venue.

- Bus departure from Konventum to M/S Maritime Museum at 18:10
- > Bus departure from M/S Maritime Museum to Konventum at 22:10

XPLORE HELSINGOR AND COPENHAGE

HELSINGØR (ELSINORE)







COPENHAGEN

Kronborg Castle

Explore the UNESCO World Heritagelisted castle, famously known as Hamlet's Castle.

Christmas Markets

at Kronborg Castle, Værftets Madmarked and around the city - Enjoy a cozy and festive market with local crafts, gifts, and seasonal treats.

Louisiana Museum of Modern Art

Just a short drive from Helsingør, this iconic museum offers world-class art, stunning Øresund views, and a cozy café for warm beverages.







Nyhavn Christmas Market

A smaller but charming market along the iconic harbor, offering mulled wine (aløga) and holiday souvenirs.





The Little Mermaid Visit this iconic statue inspired by Hans Christian Andersen's fairy tale.

Amalienborg Palace Square

See the royal guards and enjoy the Christmas decorations around the roval residence.

Denmark is renowned for its fantastic food scene, offering countless restaurants to explore and enjoy.



HELSINGØR (ELSINORE)

Café Kronborg

A cozy spot offering Danish classics near the castle.

Culture Yard Café (Kulturværftet)

Enjoy simple and delicious meals with a view of the harbor.

Strejf

Located in the heart of Helsingør, Strejf offers a cozy dining experience with stunning views of Kronborg Castle and the Øresund.

COPENHAGEN

Cofoco Restaurants

Affordable, high-quality dining across several trendy locations. (e.g., Vækst, Høst, Spuntino).

Madklubben Restaurants

Stylish and accessible dining with options for every taste (e.g., Madklubben København, Bistro Royal, Madklubben Grill).

Torvehallerne Food Market

While partially outdoors, it's a fantastic spot for seasonal Danish treats and warm drinks.

Nimb Brasserie

Inside Tivoli Gardens, this elegant spot offers a luxurious dining experience with views of the Christmas lights.

12:00-12:45

12:45

MONDAY 2 DECEMBER Registration & Sandwich Welcome Thomas Jepps & Christian Aalkjær

		Ghi istian Aatkjæi
	FUNDAMENTALS OF RESISTANCE ARTERIES	Chairs: Camilla Wenceslau & Thomas Jepps
13:00-13:35	lon channels – key regulators of resistance arteries	Manuel Navedo (University of California, Davis)
13:35-13:55	Physiologically specific roles for post- translational modifications of Pannexin 1 in vasoconstriction	Brooke O'Donnell (University of Virginia)
13:55-14:15	6-Nitrodopamine is a Potent Vasodilator of Mouse Mesenteric Arteries In Vitro	Gilberto De Nucci (University of Campinas)
14:15-14:35	Vascular smooth muscle BK channels limit ouabain-induced vasocontraction: dual role of the Na/K-ATPase as a hub for Src-kinase and the Na/Ca-exchanger	Rudolf Schubert (University of Augsburg)
14:35-14:55	Influence of G-protein Receptor Kinases on CGRP-mediated Relaxations of Cerebral Arteries	Skye Lau (St George's University of London)
14:55-15:30	Break & Check in at the hotel if not already done	
15:30-16:20	9 x 5 min Poster Flash talk (Plenary room)	Chairs: Iain Greenwood & Kim Dora
16:30-18:00	Poster Session 1 (Exhibition area)	
18:00	Dinner	
19:15-20:00	Plenary talk with Ed van Bavel (Amsterdam UMC) The resistance vasculature in acute ischemic stroke	Chair: Christian Aalkjaer
20:00-21:00	Welcome reception - in the bar area	

TUESDAY 3 DECEMBER

	VASCULAR IMAGING	Chairs: Chris Garland & Brant Isakson
09:00-09:35	Seeing light at the end of the tunnel: how leukocytes cross the vascular endothelial barrier	Jaap van Buul (University of Amsterdam)
09:35-09:55	Real-time in vivo images of the microcirculation using superresolution ultrasound imaging	Charlotte Mehlin Sørensen (University of Copenhagen)
09:55-10:15	Vascular heterogeneity determines leukocyte transendothelial migration efficiency	Merel Tebbens (University of Amsterdam)
10:15-10:35	Imaging pulsatility along the microvascular network: from arterioles to capillaries to venules	Dmitry Postnov (Aarhus University)
10:35-11:00	Break	

	NOVEL VASCULAR PHARMACOLOGY	Chairs: José Lopez-Lopez & Neena Kalia
11:00-11:35	Sexual dimorphism in arterial function: Recent insights	lain Greenwood (St. George's, University of London)
11:35-11:55	IP2015, a monoamine reuptake inhibitor, increases peripheral flow in genitalia of anesthetized female rats	Simon Comerma Steffensen (Aarhus University)
11:55-12:15	Renal TRPM3 Channels in Blood Flow and Blood Pressure Regulation	Jorge Rojo Mencía (Valladolid University)
12:15-12:35	Colchicine as a novel treatment for hypertension	Thomas Jepps (University of Copenhagen)
12:35-12:55	Pravastatin enhances impaired endothelium- dependent dilation of uterine radial arteries from women with pre-eclampsia	Tim Murphy (University of New South Wales)
12:55-14:00	Lunch	
	INFLAMMATION & PHENOTYPIC SWITCHING	Chairs: Sophie Saxton & Teresa Perez Garcia
14:00-14:35	Immune Dysregulation in Cardiovascular Disease: From Novel Mechanisms to Therapeutic Targeting	Pasquale Maffia (University of Glasgow)
14:35-14:55	pH-sensing GPR68 promotes the contractile phenotype in vascular smooth muscle cells	Madison Williams (East Carolina University)
14:55-15:15	Smooth muscle-specific deletion of YAP/ TAZ via Itga8-Cre leads to pan-aneurysmal disease with chondrogenic differentiation and severe inflammation	Sebastian Albinsson (Lund University)
15:15-15:35 Kv1.3 channel is a key player in uremia-induced Pilar Cidad vascular calcification (Valladolid Uni		Pilar Cidad (Valladolid University)
15:35-15:55	The alpha7 nicotinic acetylcholine receptor agonist PHA 568487 dampens inflammation in PBMCs from patients with newly discovered coronary artery disease	Rebecka Wilhelmsson (University of Gothenburg)
15:55-16:10	:55-16:10 Symposium – Sponsored by MaxCyte Dr. Peer Heine; Rapid Development of Membrane Physiology Assays using Scalable Electroporation	
16:10-16:30	Break	
16:30-18:00	Poster Session 2 (Exhibition area)	
18:00	Dinner	
	PULMONARY CIRCULATION	Chairs: Swapnil Sonkusare & Russel Richardson
19:15-19:50	Potassium channels in pulmonary vascular physiology and pathophysiology	Angel Cogolludo (Universidad Complutense Madrid)
19:50-20:10	The loss of mitochondrial acid-sensing ion channel 1a is associated with mitochondrial dysfunction in pulmonary arterial smooth muscle cells following chronic hypoxia	Megan Tuineau (The University of New Mexico School of Medicine)
20:10-20:30	Targeting SK-channels in the 'pulmonary vein sleeve-myocardium' as a strategy to reduce atrial ectopies	Luca Soattin (University of Copenhagen)

WELCOME

WEDNESDAY 4 DECEMBER CEREBROVASCULAR DISEASE Chairs: Susanne van Veluw & Jaap van Buul 08:30-09:05 Cerebrovascular mechanosensation and blood Osama Harraz flow control in health and disease (University of Vermont) 09:05-09:25 Importance of cerebrovascular endothelial cell Sohom Mookherjee autophagy in acute ischemic stroke (University of Utah) 09:25-09:45 Cellular senescence contributes to vascular Melanie Lambert coanitive impairment in male but not female (Montreal Heart Institute) atherosclerotic mice 09:45-10:05 The differential expressions of enzymes Akos Koller correspond to the opposite flow-induced (Semmelweis University) responses of basilar and middle cerebral arteries 10:05-10:25 A Protective Role of the Calcium-Activated Christian Aalkiær Chloride Channel, TMEM16A, in Acute Ischemic (Aarhus University) Stroke Outcome 10:25-11:00 Break THE CORONARY CIRCULATION AND HEPEF Chairs: Jo de Mey & **Ed Eringa** 11:00-11:35 Imaging the coronary microcirculation Neena Kalia in vivo - preventing damage caused by (University of Birmingham) hyperglycaemia 11:35-11:55 Phosphodiesterase 9A Inhibition Improves Zsolt Bagi Coronary Microvascular Disease in Heart (Augusta University) Failure with Preserved Ejection Fraction through Peroxiredoxin 5 Antioxidant Pathways 11:55-12:15 Asymmetric dimethylarginine (ADMA) and small Chris Garland coronary artery vasospasm (University of Oxford) 12:15-13:15 Lunch HYPERTENSION Chairs: William Jackson & Ed van Bavel 13:15-13:50 Reprogramming endothelial cells to prevent Camilla Ferreira Wenceslau and treat hypertension (University of South Carolina) 13:50-14:10 Synergistic cardiorenal injury by combined high Holger Schneider (University salt diet and endogenous aldosterone excess Hospital LMU Munich) 14:10-14:30 Role of TRPM8 channels in vascular tone and Teresa Perez-Garcia blood pressure regulation (Valladolid University) 14:30-14:50 Sianalina from smooth muscle to endothelium Swapnil Sonkusare via TNF elevates blood pressure in obesity (University of Virginia) 14:50-15:10 Proteomic profiling identifies shared exosome Joakim Bastrup dysregulation in hypertensive rats and human (University of Copenhagen) Alzheimer's Disease progression 15:10-15:30 P2Y6 and AT1 Receptor Crosstalk in essential José Lopez-Lopez (Valladolid hypertension: A Novel Therapeutic Target University) 15:30 Free afternoon 18:00 Dinner Dinner is INCLUDED in your registration. Please let us know if you plan to eat elsewhere to prevent food waste

WELCOME

Chairs: Ulrike Stecklings

& Tim Murphy

Ed Eringa

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PROGRAMME

POSTER OVERVIEW

	cause of cardiometabolic disease	(Amsterdam UMC)	
09:35-09:55	Effect of transglutaminase 2 modulation in resistance arteries from diabetic and non- diabetic patients	Ulf Simonsen (Aarhus University)	
09:55-10:15	Manipulating the immune system to improve cardiovascular function in obesity	Sophie Saxton (University of Manchester)	
10:15-10:30	Symposium – Sponsored by University of California Davis Prof. Manuel Navedo; Postdoc Opportunities at UC Davis		
10:30-11:00	Break		
	AGEING	Chairs: Vladimir Matchkov & Eric Thorin	
11:00-11:35	Endothelial Dysfunction and Mitochondrial Dysregulation: Mechanisms of Microvascular Aging and Vascular Fragility	Stefano Tarantini (University of Oklahoma Health Sciences Center)	
11:35-11:55	Exploring the Interaction Between Erythrocytes and the Vascular Wall	Tasnim Mohaissen (University of Copenhagen)	
11:55-12:15	Targeting vascular senescence and inflammation with the senolytic quercetin is more beneficial in men than in women atherosclerotic patients	Pauline Mury (Montreal Heart Institute)	
12:15-12:35	Sex-specific differences in ischemia- reperfusion outcomes in aged mice	Line Mathilde Hansen (Aarhus University)	
12:35-12:50	Symposium – Sponsored by Blue Cell Therapeutics Dr. med. Søren P. Sheikh; Allogeneic cell therapy for Erectile Dysfunction		
12:50-14:00	Lunch		
	EXERCISE & SEX DIFFERENCES	Chairs: Osama Harraz & Madeline Nieves-Cintron	
14:00-14:35	Exercise and oxygen delivery to skeletal	Russell Richardson	
14.00	muscle: The ultimate vascular challenge in health and disease	(University of Utah)	
14:35-14:55	muscle: The ultimate vascular challenge in		
	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington	
14:35-14:55	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole Conduction Sex-Dependent Effects of Adiposity-Driven	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington	
14:35-14:55 14:55-15:15	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole Conduction Sex-Dependent Effects of Adiposity-Driven Hypertension on Mesenteric Arterial Mechanics E-cigarette Exposure Alters cAMP Signaling in Vascular Smooth Muscle: Sex-Specific Effects	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington University in St. Louis) Madeline Nieves-Cintron	
14:35-14:55 14:55-15:15 15:15-15:35	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole Conduction Sex-Dependent Effects of Adiposity-Driven Hypertension on Mesenteric Arterial Mechanics E-cigarette Exposure Alters cAMP Signaling in Vascular Smooth Muscle: Sex-Specific Effects and Implications for Cardiovascular Health	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington University in St. Louis) Madeline Nieves-Cintron	
14:35-14:55 14:55-15:15 15:15-15:35 15:35-16:00	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole Conduction Sex-Dependent Effects of Adiposity-Driven Hypertension on Mesenteric Arterial Mechanics E-cigarette Exposure Alters cAMP Signaling in Vascular Smooth Muscle: Sex-Specific Effects and Implications for Cardiovascular Health Break Plenary Talk with Susanne van Veluw (Harvard University) Mechanisms of Microvascular Injury in	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington University in St. Louis) Madeline Nieves-Cintron (University of California Davis)	
14:35-14:55 14:55-15:15 15:15-15:35 15:35-16:00 16:00-16:45	muscle: The ultimate vascular challenge in health and disease Oxygen Signalling in Mouse Skeletal Muscle: Mechanism of Capillary-to-Arteriole Conduction Sex-Dependent Effects of Adiposity-Driven Hypertension on Mesenteric Arterial Mechanics E-cigarette Exposure Alters cAMP Signaling in Vascular Smooth Muscle: Sex-Specific Effects and Implications for Cardiovascular Health Break Plenary Talk with Susanne van Veluw (Harvard University) Mechanisms of Microvascular Injury in Cerebral Amyloid Angiopathy	(University of Utah) Mohammed El-Lakany (Western University Ontario) Dillon McClintock (Washington University in St. Louis) Madeline Nieves-Cintron (University of California Davis) Chari: Manuel Navedo	

THURSDAY 5 DECEMBER

DIABETES

09:00-09:35 Perivascular adipose tissue dysfunction as a

ISRA2024

POSTER OVERVIEW

No.	Poster session	Abstract title	Presenter	Country
1	Poster session 1	Novel IDO-1 generated Tryptophan deriva- tive, cis-WOOH, mediates vasorelaxation of murine mesenteric arteries via BKCa.	Samuel Baldwin	DK
2	Poster session 2	Effect of altered miRNA processing on the anticontractile function of perivascular adipose tissue in the aorta and small mesenteric arteries	Geiza Rafaela Bobato	BR
3	Poster session 1	Impact of ceramides produced by cere- brovascular endothelial cells on acute ischemic stroke outcomes	Sohom Mookherjee	US
4	Poster session 2	KCNQ Channel Deficiency impairs Adipo- se-Vascular-Coupling independent from structural and physiological Parameters	Mario Kassmann	DE
5	Poster session 1	Endothelial Cell-Selective Adhesion Molecule Modulates Pulmonary Vascular Resistance through NO-Mediated Me- chanosensing	Vadym Buncha	US
6	Poster session 2	Vascular CaV1.2 remodeling in HFpEF	Miguel Martin Aragon Baudel	US
7	Poster session 1	Myocardin related transcription factor and galectin-3 drive lipid accumulation in human blood vessels	Johan Holmberg	SE
8	Poster session 2	The Impact of Coexistence of Undernu- trition and Obesity on the Pancreatic and Mesenteric Resistance Arteries	Ana Paula Davel	BR
9	Poster session 1	Purinergic Receptor Activation Constricts Urinary Bladder Arterioles Independent of P2X1 and P2X3 Receptors	Alexis Boron	US
10	Poster session 2	Therapeutic potential of colchicine in coronary microvascular dysfunction: mechanistic insights from human and rat arteries	Jessica Meades	DK
11	Poster session 1	Edema compression and contractile disturbances of parenchymal arterioles following ischemia-reperfusion.	Line Mathilde Hansen	DK
12	Poster session 2	Microvascular pulsatility of the ageing brain and confounding effects of anaest-hesia	Mia Skøtt	DK
13	Poster session 1	Potassium channel mediated NO-induced vasodilation during maturation: dominance of Kv7 channels	Rudolf Schubert	DE
14	Poster session 2	Estrus cycle regulation of mesenteric and cerebrovascular myogenic tone via Kv7, a potential mechanism underlying menstru- al migraine	Amalie Sørensen	DK
15	Poster session 1	Glucose-Induced Endothelial Gene Expression in Simulated Microgravity and Static Conditions	Augusta Volkevičiūtė	LT
16	Poster session 2	The role of NALCN in arterial contraction	Ugochukwu Ejiegbu	UK
17	Poster session 1	Characterization of microvascular impair- ment in patients with angina symptoms	Markus Baun- Mikkelsen	DK

No.	Poster session	Abstract title	Presenter	Country	2
8	Poster session 2	Liver microcirculation studied by laser speckle contrast imaging in vivo	Oleg Zhukov	DK	
9	Poster session 1	Vascular smooth muscle-specific YAP/ TAZ deletion triggers cerebral aneurysm development and cognitive impairment in mice	Olivia Ritsvall Losand	SE	
20	Poster session 2	Sex-specific differences in Alzheimer's di- sease across Braak stages and in a novel model based on hypertensive rats	Pelle Munck	DK	
21	Poster session 1	Microvascular pulse transfer function: A minimally-invasive approach to characterize microvascular resistance heterogeneity	Rasmus Juul Jensen	DK	ATION
22	Poster session 2	Oestrus cycle regulation of cere- brovascular ion channel function, a po- tential mechanism underlying menstrual migraine.	Olivia Schaub	DK	
23	Poster session 1	Novel Method for Investigating the Arteri- al Secretome in Hypertension	Sophie Olesen	DK	
24	Poster session 2	Dietary nicotinamide mononucleotide (NMN) reduces stiffness and restores myogenic tone in skeletal muscle arteries from aged male mice	Tim Murphy	AU	
25	Poster session 1	Acid Sensing Ion Channel 1a Deletion Leads to Endothelial Dysfunction Asso- ciated with Hyperglycemia and Insulin Deficiency	Xavier DeLeon	US	
26	Poster session 2	The alpha7 nicotinic acetylcholine recep- tor agonist PHA 568487 dampens inflam- mation in PBMCs from patients with newly discovered coronary artery disease	Rebecka Wilhelmsson	SE	
27	Poster session 1	Vascular heterogeneity determines leuko- cyte transendothelial migration efficiency	Merel Tebbens	NL	
28	Poster session 2	6-Nitrodopamine is a Potent Vasodilator of Mouse Mesenteric Arteries In Vitro	Gilberto De Nucci	BR	
<u>29</u>	Poster session 1	Oxygen Signalling in Mouse Skeletal Mus- cle: Mechanism of Capillary-to-Arteriole Conduction	Mohammed El-Lakany	CA	
30	Poster session 2	The loss of mitochondrial acid-sensing ion channel 1a is associated with mitochondri- al dysfunction in pulmonary arterial smoo- th muscle cells following chronic hypoxia	Megan Tuineau	US	
31	Poster session 1	IP2015, a monoamine reuptake inhibitor, increases peripheral flow in genitalia of anesthetized female rats	Simon Comerma Steffensen	DK	
32	Poster session 2	Importance of cerebrovascular endothelial cell autophagy in acute ischemic stroke	Sohom Mookherjee	US	
33	Poster session 1	pH-sensing GPR68 promotes the contrac- tile phenotype in vascular smooth muscle cells	Madison Williams	US	
34	Poster session 2	Proteomic profiling identifies shared exosome dysregulation in hypertensive rats and human Alzheimer's Disease progression	Joakim Bastrup	DK	
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