

ESM-EVBO 2017 Poster Guided Tours



Tuesday, 30 May 2017: 17h30 - 19h00

1A + 1C

Chair: Sandrine Morel

Abstract No.	Presenting Author	Title
PoA-02	Dutzmann, Jochen	Adventitial fibroblasts are key regulators of neointima formation
PoA-03	Foldes, Gabor	3D culture conditioning modulates arterial specification of human pluripotent stem cells-derived endothelial cells
PoA-18	Casanova, Francesco	Association Between Renal Function and Matrix Metalloproteinases in Type 2 Diabetes
PoA-19	Houben, Alfons J.H.M.	Hyperglycemia is the Main Mediator of Prediabetes- and Type 2 Diabetes-Associated Impairment of Microvascular Function: The Maastricht Study
PoA-20	Bach Steffensen, Lasse	Type 1 Diabetes Increases Retention of Low-Density Lipoprotein at Atherosclerosis-Susceptible Sites in the Mouse Vasculature.
PoA-21	Bassino, Eleonora	In vitro protocols to test the effects of metabolic dysfunctions on endothelial cells
PoA-22	Hadjadj, Leila	Vitamin D deficiency and androgen excess causes impaired testosterone and insulin induced relaxation in coronary arterioles of fertile female rats
PoA-24	Gooding, Kim	Exploring the Relationship Between Retinal Microaneurysms With Plasma Levels of Matrix Metalloproteinases and Growth Factors in Type 2 Diabetes
PoA-25	Rudnicki, Martina	FoxO1 Deficiency in Endothelial Cells Promotes Vascular Remodeling and Prevents Metabolic Complications During Obesity
PoA-26	Tudorica, Cornel Cezar	Cardiovascular Evaluation Of Patients With Type 2 Diabetes Mellitus
PoA-27	Kaur, Amandeep	The Effect of Imatinib and Selective Inhibition of Abl-related Gene on Endothelial Transport of Fatty Acids
PoA-28	Box, Camiel	The Effect of Imatinib on Muscle Perfusion and Insulin Sensitivity

1B

Chair: Marijana Licina

Abstract No.	Presenting Author	Title
PoA-05	Munaron, Luca	Activation of P2X7 and P2Y11 purinergic receptors inhibits migration and normalizes tumor-derived endothelial cells via cAMP signaling.
PoA-06	Stalin, Jimmy	OLFML3 constitute a new therapeutic target for colorectal carcinoma therapy
PoA-07	Fiorio Pla, Alessandra	TRPM8 Inhibits Endothelial Cell Migration Via A Non-Channel Function By Trapping Small Gtpase, Rap1
PoA-08	Gkika, Dimitra	TRP Expression Signature In Tumour-Derived Endothelial Cells: Functional Roles In Prostate Cancer Angiogenesis
PoA-09	O'Connor, Marie	LRG1 is a Novel Determinant Of Dysfunctional Neovascularization In Disease
PoA-10	Bussolati, Benedetta	Distinct Effects of Stem Cell-Derived Extracellular Vesicles on Tumor Angiogenesis
PoA-11	Brossa, Alessia	Effect of the Endoglin Monoclonal Antibody (mAb) TRC105 on Renal Tumor-Derived Endothelial Cells
PoA-12	Blot-Chabaud, Marcel	Secretion of soluble CD146 by tumors stimulates vascularization, growth and survival: targeted therapy with a specific antibody
PoA-13	Adjuto-Saccone, Marjorie	Endothelial-Mesenchymal-Transition Induced By TNF-alpha: Implication In Cancer-Associated-Fibroblasts (CAFs) Formation
PoA-14	G. Marques, Filipa	Low Doses of Ionizing Radiation Induce Angiogenesis: Therapeutic Implications
PoA-15	Yoysungnoen, Bhornprom	Effects of Cell Wall-Short Chain Carbohydrate (CW-SCC) on Tumor Growth and Angiogenesis in Cervical Cancer Cells-Implanted Nude Mice
PoA-16	Pagès, Gilles	Sunitinib Stimulates Expression of VEGFC by Tumor Cells and Promotes Lymphangiogenesis in Clear Cell Renal Cell Carcinomas
PoA-17	Sidibe, Adama	The Kinase Inhibitor Pyrazolyl-Urea Gege3 Inhibits Angiogenesis And Reveals Dystrophia Myotonica Protein Kinase (DMPK)1 As A Novel Angiogenesis Target

2A

Chair: Ruth Lyck

Abstract No.	Presenting Author	Title
PoA-29	Fava, Marika	The Role of ADAMTS-5 in Extracellular Matrix Remodelling of Thoracic Aortic Aneurysms
PoA-30	Enzmann, Gaby	ICAM-1null C57BL/6 Mice Are Not Protected From Experimental Ischemic Stroke
PoA-33	van der Pluijm, Ingrid	PGC1alpha Regulates Decreased Mitochondrial Respiration in Aneurysmal Aortas of Fibulin-4 Mutant Mice
PoA-34	Matic, Ljubica	PCK6 is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Remodelling
PoA-35	Cao, Jiahui	VEGFR2/Notch controlled cell elongation induces polarized VE-cadherin and actin dynamics at endothelial junctions and drive angiogenesis
PoA-36	Doronzo, Gabriella	TFEB is involved in VEGFR2 Expression and Function in the Developing Vasculature
PoA-37	Qiu, Jiehua	The AMP-Activated Protein Kinase (AMPK) Reduces Calcium Sensitivity And Causes Vasodilation By Altering Actin Filament Dynamics In Microvascular Smooth Muscle
PoA-38	Bogunovic, Natalija	Transdifferentiation of Human Dermal Fibroblasts into Smooth Muscle Like Cells: a Novel Method to Study the Effect of Pathogenic Variants in Aortic Aneurysms
PoA-39	Sidgwick, Gary	Glycomimetics Reduce Vascular Calcification In Vitro via Regulation of CREB Phosphorylation

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2B

Chair: *Jenny Gamble*

Abstract No.	Presenting Author	Title
PoA-40	Chakraborty, Ananya	Vascular remodeling in Alzheimer's disease
PoA-41	Baranyi, Ulrike	The mega-aortic syndrome: Progression of ascending aneurysm or a disease with different origin?
PoA-42	Viboolvorakul, Sheepsumon	Age-Related Microvascular Rarefaction Could be Prevented by Exercise Training: in Situ Investigation of Brain, Bone and Skin Microvascular Networks in Rats
PoA-43	Koller, Akos	Age determines the contractile capacity of arteries, magnitude of Ang II-induced contraction, and mRNA and protein expression of AT1 receptors
PoA-45	Tarantini, Stefano	IGF-1 Deficiency Exacerbates Hypertension-Induced Cerebral Microhemorrhages in Mice, Mimicking the Aging Phenotype
PoA-46	Barkaway, Anna	Aged Vasculature Supports Enhanced and Aberrant Neutrophil-Vessel Wall Interactions in vivo
PoA-47	Zhang, Huayu	Loss of Netrin 4 Results in Endothelial Cell Senescence

2C + 3A

Chair: *Marie-Luce Bochaton*

Abstract No.	Presenting Author	Title
PoA-49	Boudaka, Ammar	Impairment of Transient Receptor Potential Vanilloid 4-Mediated Dilation in the Mesenteric Arteries of Spontaneously Hypertensive Rats
PoA-50	Tudorica, Cornel Cezar	The Impact Of Hyperuricemia On The Outcome Of Patients With Long Standing Hypertension
PoA-51	Tahir, Sibgha	Role of Zyxin Family Proteins in Hypertension-Induced Arterial Remodelling
PoA-52	van Bavel, Ed	Thrombospondin 4 Knockout in Hypertension Induces Aortic Dissection and Cardiac Hypertrophy
PoA-53	De Mey, Jo G. R.	Structure and Contractile Function of Pericardial Resistance Arteries from Cardiothoracic Surgery Patients; Effects of Anti-Hypertensive Treatments
PoA-82	Szuchman-Sapir, Andrea	Paraoxonase-1 Reduces Vasodilation in the Microcirculation by Regulating Arachidonic Acid-Derived Lactone Metabolites
PoA-55	Kim, Mi-kyoung	Gastrin-Releasing Peptide Induces Monocyte Adhesion to Vascular Endothelium by Upregulating Endothelial Adhesion Molecules
PoA-56	Piechota-Polanczyk, Aleksandra	Heme Oxygenase-1 Deficiency Reduces Angiotensin II-Induced Abdominal Aortic Aneurysm Appearance in Non-Hypercholesterolemic Mice
PoA-57	Boyle, Joseph J	AMP-Activated Protein Kinase-Mediated Chromatin Remodelling Redirects Activating Transcription Factor 1 From Cyclic-AMP Response Genes to Heme-Response Genes
PoA-59	Boyle, Joseph J	Hematoma Resolution In Vivo is Mediated by AMP-Activated Kinase (AMPK) and Activating Transcription Factor 1 (ATF1) Via Coregulation of Tissue Homeostatic Genes
PoA-60	Drenjancevic, Ines	Seven Days of High Salt Diet (4% NaCl) Changes the Peripheral Blood Leukocytes' Subpopulations Distribution in Sprague-Dawley Rats
PoA-61	Vreeken, Dianne	The Role of Human Genetic Variations in Neuronal Guidance Cues in Premature Atherosclerosis
PoA-62	Chaabane, Chiraz	Apelin Is A Proatherogenic Factor Promoting Vascular Smooth Muscle Cell Phenotypic Transition
PoA-63	Leroyer, Aurelie	Atherosclerosis is accelerated in CD146-deficient mice

3B

Chair: *Sylvia Tietz*

Abstract No.	Presenting Author	Title
PoA-01	Prangsaengtong, Orawin	Aspirin Pretreatment Suppressed Cord Formation, Adhesion and Migration Abilities of Human Lymphatic Endothelial Cells.
PoA-64	Szöke, Dániel	Organ Specific Induction of Lymphatic Growth with Nanoparticle-Encapsulated Nucleoside-Modified VEGFC mRNA (VEGFC mRNA-LNP) Complexes In Vivo
PoA-65	Nadarajah, Noeline	Splice Site Mutation in VEGFC is Associated With Milroy-Like Primary Lymphoedema
PoA-66	Martin Almedina, Silvia	Investigating the Role of KIF11 in the Lymphatic Function of MCLID Patients
PoA-67	Sigmund, Elena Caroline	Elucidating the Role of ACKR3 for Lymphatic Vessel Function and Immune Cell Migration Towards Draining Lymph Nodes
PoA-68	Schineis, Philipp	CD155 (PVR) is Expressed in Afferent Lymphatic Vessels and Modulates Lymphatic Endothelial Cell Biology in Vitro
PoA-69	Friess, Mona	Investigating the Role of ACKR4 on Leukocyte Trafficking Within Lymphatic Vessels and on Lymphatic Vessel Biology
PoA-70	Styevková Dinnyés, Andrea	3D Characterization of Spatial and Temporal Lymphatic Growth in Decolorized Tissues
PoA-71	Karapoulidou, Christina	Functional Studies on the EPHB4 Signalling Pathway in Patients With Generalised Lymphatic Dysplasia

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3C

Chair: Gaby Enzmann

Abstract No. Presenting Author

PoA-72 Cracowski, Jean-Luc

PoA-73 Allen, John

PoA-74 Hellmann, Dr Marcin

PoA-75 Silva, Henrique

PoA-77 Allen, John

PoA-78 Silva, Henrique

PoA-79 Allen, John

PoA-80 Clough, Geraldine

PoA-81 Silva, Henrique

Title

Vascular Effects Of Treprostinil Cutaneous Iontophoresis On The Leg, Finger And Foot

Pilot Assessment Of Heel Perfusion Changes With Simple Tissue Loading Using Spectrophotometry Based Tissue Oxygen Saturation Measurements

Validation of Flow Mediated Skin Fluorescence: a New Technique to Assess Microvascular Function in Coronary Artery Disease

Exploring the impact of massage on peripheral microcirculation with the wavelet transform

Optimising A Multi-Site Photoplethysmography Measurement Protocol For Rapid Lower Limb Vascular Assessment In A Primary Care Setting

About the in vivo effects of hyperoxia in human

Pilot Assessment Of The Utility Of Tissue Oxygenation Spectrophotometry Measurements In Patients With Systemic Sclerosis

Time-Dependent Behaviour of Microvascular Blood Flow and Oxygenation: a Predictor of Functional Outcomes

Comparing the in vivo spectral components of Laser Doppler Flowmetry and Photoplethysmography by the wavelet transform to assess microcirculation