

October 20th, 2021

9 ⁰⁰ - 10 ⁴⁵	Translational Session II <i>Christoph Schmitz, Karl-Ludwig Laugwitz</i> <i>„Latest TAVI trends“</i> <i>Sabine Bleiziffer</i> <i>(HDZ NRW, Bad Oeynhausen, Germany)</i> <i>„Right ventricle as outcome predictor for transcatheter valve procedures“</i> <i>Jakob Ledwoch</i> <i>(München Klinik Neuperlach, Germany)</i> <i>„Ventricular tachycardias - treatment options in prevention of sudden death“</i> <i>Petra Hoppmann (MRI, TU Munich, Germany)</i> <i>„Update SCAFFOLDS" - status quo resorbable stents in interventional therapies“</i> <i>Jens Martin (Biotronik, Berlin, Germany)</i> <i>„Novel tools and models for gene and cell therapy“</i> <i>Wolfgang Wurst</i> <i>(HelmholtzZentrum, Munich, Germany)</i> <i>„CUREPLaN: focus on treatment options“</i> <i>Pieter A. Doevendans (UMC Utrecht, Netherlands)</i>
10 ⁴⁵ - 11 ⁰⁰	Coffee break
11 ⁰⁰ - 12 ¹⁵	DFG/ANR Session II MIF proteins in other kingdoms: evolution, mechanisms & applications <i>Elias Lolis, Harald Keller</i> <i>„MIFs in fungal pathogenesis“</i> <i>Karlheinz Kogel (JLU Gießen, Germany)</i> <i>„Exploring functions and mechanisms of plant MIF“</i> <i>Ralph Panstruga (RWTH Aachen, Germany)</i> <i>„eIF3-mediated protein quality control promotes mitochondrial homeostasis and muscle health“</i> <i>Dieter Wolf (MRI, TU Munich, Germany & Xiamen University, China)</i>
12 ¹⁵ - 12 ³⁰	Closing remarks <i>Sabine Steffens, Jürgen Bernhagen, Christian Kupatt</i>
13 ⁰⁰ - 17 ⁰⁰	Business meeting of the ANR/DFG MIF-X-Kingdom Consortium <i>Panstruga, Bernhagen, Kogel, Keller and teams</i>

Official event organizer:

Klinikum rechts der Isar (TU Munich)
 Ismaninger Straße 22
 81675 Munich

Persons in charge:

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Hybrid event in cooperation with the LMU Munich and the Venice International University on-site.

Funded by public & industrial partners:



Sardocor Corp. (8.600 €), Edwards Lifesciences Corporation (5.000 €), Bristol-Myers Squibb (4.100 €), Alnylam Germany GmbH (4.000 €), Abiomed Europe GmbH (2.000 €), Lilly Deutschland GmbH (1.800 €), Biotronik SE & Co. KG (1.500 €), Siemens Healthcare GmbH (1.500 €), AstraZeneca GmbH (1.000 €), Zoll CMC GmbH (1.000 €), Eppendorf AG (300 €).

Approved as certificated training course for physicians by the the Bavarian Medical Board (<https://www.blaek.de/>);
 SNR 1130128.

Registration to online participation:

<https://entscheiderfabrik.com/form/code-login-9th-cardiac-regenerat>

9th Cardiac Regeneration and Vascular Biology Conference
 San Servolo, Venice
 on-site & online
 October 18th-20th, 2021



October 18th, 2021

12 ⁰⁰ - 12 ¹⁵	Opening remarks <i>Sabine Steffens, Jürgen Bernhagen, Christian Kupatt</i>
12 ¹⁵ - 14 ⁰⁰	Cardiovascular Session I <i>Rabea Hinkel, Christian Kupatt</i>
	<i>„Arteriogenesis by VEGF-titration“ Ferdinand LeNoble (KIT Karlsruhe, Germany)</i>
	<i>„Regulation of tertiary lymphoid structure formation by blood vessels“ Florian Limbourg (MH Hannover, Germany)</i>
	<i>„Microvesicles as signaling hubs“ Gianluigi Condorelli (Humanitas Milano, Italy)</i>
	<i>„Metabolic control of angiogenesis“ Massimo Santoro (University of Padua, Italy)</i>
	<i>„Cardiac stromal cells in fibrosis versus angiogenesis“ Jean-Sébastien Hulot (Paris Cardiovascular Research Center, France)</i>
14 ⁰⁰ - 15 ³⁰	IRTG 1123 Joined Session I Mechanisms of atherosclerosis <i>Sabine Steffens, Valentina Paloschi</i>
	<i>„Neutrophils – key players in atherosclerosis“ Carlos Silvestre-Roig (WWU Münster, Germany)</i>
	<i>„An unbiased view of inflammasomes in atherosclerosis“ Peter Duewell (UK Bonn, Germany)</i>
	<i>„The balance of life and death in the vessel wall“ Katey Rayner (Ottawa Heart Institute, Canada)</i>
	<i>„Adipose inflammation in diabetes and atherosclerosis“ Alexander Bartelt (LMU Munich, Germany)</i>
15 ³⁰ - 17 ⁰⁰	Coffee break and Poster Session I
17 ⁰⁰ - 18 ⁰⁰	IRTG 1123 Joined Session II Young investigator competition <i>Katey Rayner, Lars Maegdefessel & Alex Bartelt</i>
	<i>„Investigating the cellular and molecular mechanisms involving ADAMTS7 in atherosclerosis“ Amin Sharifi (LMU Munich, Germany)</i>
	<i>„The MIF homolog MIF-2/D-DT in atherosclerosis: causal player and role in metabolism“ Chunfang Zan (LMU Munich, Germany)</i>

	<i>„JAK2VF617-dependent clonal hematopoiesis leads to a prothrombotic phenotype in atherosclerosis by accelerated platelet-production and -neutrophil-interaction“ Ul Ain Quarrat (LMU Munich, Germany)</i>
	<i>„Mammalian Sterile-20 Like Kinase1 controls neutrophil homeostasis through regulation of G-CSF receptor signaling“ Sergi Masgrau-Alsina (LMU Munich, Germany)</i>
18 ⁰⁰ - 19 ⁰⁰	DZHK Keynote Lecture <i>Christian Kupatt</i>
	<i>„Modelling of complex genetics in iPSC models“ Alessandra Moretti (MRI, TU Munich, Germany)</i>

October 19th, 2021

9 ⁰⁰ - 10 ³⁰	DFG/ANR Session I MIF proteins in inflammation and cardiovascular disease <i>Session Chair: Seamas Donnelly</i>
	<i>„MIF proteins in health & disease“ Richard Bucala (Yale University, New Haven, USA)</i>
	<i>„MIF proteins, early age and innate immunity“ Thierry Roger (CHUV, Lausanne, Switzerland)</i>
	<i>„3D structures of MIF proteins, their receptors and inhibitor complexes“ Elias Lolis (Yale University, New Haven, USA)</i>
	<i>„MIF & the lung“ Seamas Donnelly (Trinity College Dublin, Ireland)</i>
10 ³⁰ - 10 ⁴⁵	Coffee Break
11 ⁰⁰ - 12 ³⁰	DZHK Session I New trends and technologies <i>Karl-Ludwig Laugwitz, Alessandra Moretti</i>
	<i>„Genetic risk in coronary artery disease – novel therapeutic targets“ Thorsten Kessler (German Heart Center, TU Munich, Germany)</i>
	<i>„The extracellular matrix protein Agrin improves MI outcome in pigs“ Andrea Bähr (MRI, TU Munich, Germany)</i>
	<i>„Engineered human myocardium for heart repair“ Malte Tiburcy (UMC Goettingen, Germany)</i>

	<i>„Targeting non-coding RNAs for vascular cell therapy“ Lars Maegdefessel (MRI, TU Munich, Germany)</i>
12 ³⁰ - 14 ⁰⁰	Lunch break and Poster Session II
14 ⁰⁰ - 15 ⁴⁵	Translational Session I <i>Nikolai Klymiuk</i>
	<i>„Novel vector systems for effective gene therapy“ Roger Hajjar (Flagship, Cambridge, MA, USA)</i>
	<i>„RNAi therapeutics for cardiac regeneration“ Mauro Giacca (King’s College London, UK)</i>
	<i>„Novel aspects in pacemaker cell and cardiomyocyte programming“ Robert David (RTC, University Rostock, Germany)</i>
	<i>„RNAi therapy – future-orientated approaches“ Eimo Martens (MRI, TU Munich, Germany)</i>
	<i>„Interplay of nervous and immune system in hypertension and heart failure“ Daniela Carnevale (Sapienza University of Rome, Italy)</i>
	<i>„Gene therapy in rare diseases“ Oliver Müller (UMC Kiel, Germany)</i>
	<i>„Thrombo-inflammation in cardiovascular disease“ Meinrad Gawaz (Medizinische Universitätsklinik Tübingen, Germany)</i>
15 ⁴⁵ - 16 ⁰⁰	Coffee break
16 ⁰⁰ - 17 ³⁰	Innovative reperfusion therapeutics Session I <i>Richard Bucala</i>
	<i>„CD98-mediated vascular cell proliferation“ William Boisvert (University of Hawaii School of Medicine, Honolulu, USA)</i>
	<i>„Tailored approaches to treat cardiac fibrosis“ Thomas Thum (IMTTS, Hannover Medical School, Germany)</i>
	<i>„miR-21 as a therapeutic target in heart failure“ Deepak Ramanujam (MRI, TU Munich, Germany)</i>
	<i>„Cardiac regenerative therapies - from animal models to clinical trials“ Eldad Tzahor (Weizmann Institute of Science, Rahot, Israel)</i>
19 ⁰⁰	Social event (all participants) venue: restaurant “Antica Locanda Montin”