



Day 2 | Friday, 18 September 2020 – 01:00 pm to 05:00 pm

- 01:00 pm – 01:20 pm** **Keynote**, Chair: Lars Mägdefessel,
Immuno-imaging and immunotherapy in atherosclerosis, Zahi Fayad
(Icahn School of Medicine at Mount Sinai, New York)
- 01:30 pm – 02:35 pm** **2nd Session: Flash Talks Paper of the Month**, Chairs: Shirin Doroudgar, Eileen Moritz
- 01:35 pm – 01:38 pm Midkine drives cardiac inflammation by promoting neutrophil trafficking and NETosis in myocarditis, Ulrich Grabmaier, Munich
- 01:40 pm – 01:43 pm ApoE attenuates unresolvable inflammation by complex formation with activated C1q, Changjun Yin, Munich
- 01:45 pm – 01:48 pm High-throughput single-cell rheology in complex samples by dynamic real-time deformability cytometry, Bob Fregin, Greifswald
- 01:50 pm – 01:53 pm Cardiovascular disease burden from ambient air pollution in Europe reassessed using novel hazard ratio functions, Andreas Daiber, Rhine-Main
- 01:55 pm – 01:58 pm Externalized histone H4 orchestrates chronic inflammation by inducing lytic cell death, Carlos Silvestre-Roig, Munich
- 02:00 pm – 02:03 pm The translational landscape of the human heart, Jana Felicitas Schulz, Berlin
- 02:05 pm – 02:08 pm Magnetic resonance perfusion or fractional flow reserve in coronary disease, Eike Nagel, Rhine-Main
- 02:10 pm – 02:13 pm Application of high sensitivity troponin in suspected myocardial infarction, Johannes T. Neumann, Hamburg/Kiel/Lübeck
- 02:15 pm – 02:18 pm TIP30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation, Jörg Heineke, Heidelberg/Mannheim
- 02:20 pm – 02:23 pm Cardiac alpha-Actin (ACTC1) gene mutation causes atrial-septal defects associated with late-onset dilated cardiomyopathy, Derk Frank, Hamburg/Kiel/Lübeck
- 02:25 pm – 02:28 pm Ticagrelor or prasugrel in patients with acute coronary syndromes, Stefanie Schüpke, Munich
- 02:30 pm – 02:33 pm Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium, Fabian Brunner (Hamburg)
- 02:35-02:50 *Break*



02:50 pm – 05:00 pm 3rd Session: Targeting the inflammasome in clinical practice,
Chairs: Tommaso Gori, Lucia Natarelli

- 02:55 pm – 03:15 pm Targeting the NLRP3 inflammasome in inflammatory diseases, Eike Latz, (Bonn)
- 03:25 pm – 03:35 pm Do we need sex specific therapeutic adaptation? Elke Dworatzek, Berlin
- 03:40 pm – 03:50 pm Phenotyping myocarditis to guide therapy, Valentina Puntmann, Rhine-Main
- 03:55 pm – 04:05 pm Pleiotropic effects and inflammation: Targeting the comorbidities,
Stephan von Haehling, Göttingen
- 04:10 pm – 04:20 pm Rhythm control therapy in patients with atrial fibrillation: a translational update,
Paulus Kirchhof, Hamburg/Kiel/Lübeck
- 04:25 pm – 04:35 pm Addressing inflammation by lipid reduction – novel molecular therapies,
Ulf Landmesser, Berlin
- 04:40 pm – 04:45 pm Wrap-up and introduction of the new DZHK Workshop series
- 04:45 pm – 05:15 pm Some words of gratitude to Thomas Eschenhagen und Joachim Krebs**