

SMD Symposium

“Old age without fragility - Interplay of genes, nutrition and exercise“

Thursday April 27, 2023 (DIfE, Conference Center)

13.30 Opening/Introduction (Prof. Dr. F. Mayer/Dr. H. Vogel)

Session I

Chair: Maximilian Kleinert

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| 13.45 | Prof. Dr. S. Stricker
(FU Berlin) | Mesenchymal stromal cells in development, maintenance and regeneration of skeletal muscle |
| 14.15 | Leona Kovac | Differential effects of bariatric surgery on skeletal muscle transcriptome and DNA methylation in obese individuals with and without type 2 diabetes |
| 14.35 | Jasmin Gaugel | Picalm - a novel regulator of muscle function |
| 14.55 | Sonja Kuipers | Impact of a NASH-inducing high-cholesterol high-fat diet on the progression of NASH and sarcopenia in tissue-specific COX2-deficient mice |

15.15 - 15.30 *Coffee Break*

Session II

Chair: Andreas Heiel

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| 15.30 | Prof. Dr. N. Mller
(University of Potsdam) | Exercise and the brain - can you train it like a muscle? |
| 16.00 | Omar Baritello | Gene expression underscore the impact of impaired mobility on perioperative/interventional complications in older cardiac patients |
| 16.20 | Dominik Sonnenburg | Feasibility and effects of a home-based eccentric training in a group at risk for the development of sarcopenia |
| 16.40 | Sanne Houtenbous | The influence of exercise on bone health in a depressed population |

Closing Remarks Heike Vogel

Get Together (Snacks)