

Wednesday, 11 October 2023

08:00 – 09:00	Registration		<i>IMB Foyer</i>
Welcome Address			<i>IMB Seminar Room</i>
09:00 – 09:15	Christof Niehrs	Institute of Molecular Biology (IMB), DE	
Session 1			<i>IMB Seminar Room</i>
Chair: Christof Niehrs, Institute of Molecular Biology (IMB), DE			
09:15 – 09:45	Kyle Gaulton	University of San Diego, US	<i>Age-dependent changes in pancreatic cell type regulation and role in diabetes risk using single-cell multiomic profiling</i>
09:45 – 10:05	Barbara Thorand	Helmholtz Munich, DE	<i>Sarcopenia, sarcopenic obesity and healthy ageing</i>
10:05 – 10:35	Siddhartha Jaiswal	Stanford, US	<i>Clonal haematopoiesis in human ageing and disease</i>
10:35 – 11:15	<i>Coffee Break</i>		<i>IMB Foyer</i>
Session 2			<i>IMB Seminar Room</i>
Chair: Annette Peters, Helmholtz Munich & Ludwig-Maximilians-University, DE			
11:15 – 11:45	Melike Dönertaş	Fritz-Lippmann Institute Jena, DE	<i>Machine learning and -omic data analysis to understand, predict and counteract ageing and age-related diseases</i>
11:45 – 12:15	Heiko Runz	Biogen Inc., US	<i>Leveraging large biobanks for CNS drug discovery and development</i>
12:15 – 12:35	Monique Breteler	German Center for Neurodegenerative Diseases (DZNE), Bonn, DE	<i>The Rhineland Study: A systems approach to help understand the determinants of healthy ageing</i>
12:35 – 13:30	<i>Lunch</i>		<i>IMB Atrium</i>
Session 3			<i>IMB Seminar Room</i>
Chair: Philipp Wild, University Medical Center Mainz, DE			
13:30 – 14:00	Kári Stefánsson	deCODE genetics, IS	<i>The genetics of human diversity</i>
14:00 – 14:20	Annette Peters	Helmholtz Munich, DE	<i>Healthy ageing and multimorbidity – avenues to prevention based on the KORA and the NAKO cohorts</i>
14:20 – 14:50	Tim Nawrot	Hasselt University, BE	<i>The air we breathe, health and ageing from early life</i>
14:50 – 15:45	<i>Coffee Break and Poster Session</i>		<i>IMB Foyer</i>
15:45 – 20:30	<i>Excursion to Kloster Eberbach</i>		
20:30	<i>Departure from Kloster Eberbach (Transfer to IMB/Hotel)</i>		

Thursday, 12 October 2023

Session 4

Chair: Christof Niehrs, Institute of Molecular Biology (IMB), DE

IMB Seminar Room

09:00 – 09:30	Jonathan Marchini	Regeneron, US	<i>Computational efficient statistical methods for exome-wide association studies</i>
09:30 – 10:00	Patricia Munroe	Queen Mary University of London, UK	<i>Integrated genetics for cardiovascular risk prediction</i>
10:00 – 10:20	Philipp Wild	University Medical Center Mainz, DE	<i>Subclinical and multi-omics phenotyping to investigate age-related disease</i>
10:20 – 10:40	Stefan Blankenberg	University Heart & Vascular Center, Hamburg, DE	<i>Cardiovascular risk prediction in the Hamburg City Health Study</i>

10:40 – 11:20 *Coffee Break*

IMB Foyer

Session 5

Chair: Annette Peters, Helmholtz Munich & Ludwig-Maximilians-University, DE

IMB Seminar Room

11:20 – 11:50	Maria-Cruz Villa-Uriol	University of Sheffield, UK	<i>Time-based clustering of multimorbidity trajectories using longitudinal healthcare data</i>
11:50 – 12:10	Marcus Scholz	University of Leipzig, DE	<i>Sex-specific causal effects of hormones on obesity and coronary artery disease – results of the LIFE Research Centre for Civilization Diseases</i>
12:10 – 12:30	Henry Völzke	University of Greifswald, DE	<i>SHIP – The Usefulness of Comprehensiveness</i>

Closing Remarks

12:30 – 12:45 **Philipp Wild** University Medical Center Mainz, DE

12:45 – 14:00 *Lunch and Departure*

IMB Atrium