

CHA Workshop

at the
Institute of Molecular Biology (IMB)
13 November 2025

Thursday, 13 November 2025

08:15 – 08:45	Registration	Foyer, IMB
09:00 – 09:10	Opening Remarks (Christof Niehrs, Peter Baumann, Philipp Drees)	Seminar Room, IMB
Keynote Lecture 1		Seminar Room, IMB
Chair: Peter Baumann		
09:10 – 10:10	João Pedro de Magalhães “Tackling the complexity of ageing with systems approaches”	
Session 1: Hallmarks of Ageing		Seminar Room, IMB
Chair: Christof Niehrs		
10:10 – 10:30	Brian Luke “Transient telomeric R-loops prevent replicative senescence”	
10:30 – 10:50	Thomas Hankeln “Adaptation to hypoxia: key to longevity and cancer resistance?”	
10:50 – 11:15	Coffee	Foyer, IMB
Session 2: Neurobiology of Ageing		Seminar Room, IMB
Chair: Hanna Kokko		
11:15 – 11:35	Ning Xia “Role of adipocyte eNOS in high-fat diet-induced hypertension”	
11:35 – 11:55	Dorothee Dormann “RNA-binding protein phase transitions and their relevance for amyloid formation in neurodegenerative diseases”	
Lunch talk in collaboration with SFB 1361 and SFB 1551		hybrid
12:00 – 13:00	Satpal Virdee “Activity-Based Probes: Unlocking Hidden Layers of the Ubiquitin System”	
13:00 – 14:15	Lunch	Foyer, IMB
Session 3: Systemic Ageing		Seminar Room, IMB
Chair: Peter Baumann		
14:15 – 14:35	Hanna Kokko “Fast species senesce less”	
14:35 – 14:55	Luisa Maria Jaimes Nino “Ageing in ants: the delay of the selection shadow”	
14:55 – 15:15	Ari Waisman “Aging-Associated Microbiota Drives Treg Dysfunction via TNF Signaling”	
15:15 – 15:35	Sara Vieira-Silva “Monitoring the role of the gut microbiome in ageing populations”	
15:35 – 15:50	Siyao Wang “The transgenerational impact of UV-induced DNA damage on development and ageing”	
15:50 – 16:15	Coffee	Foyer, IMB
Keynote Lecture 2		Seminar Room, IMB
Chair: Christof Niehrs		
16:15 – 17:15	Steve Horvath “Epigenetic Clocks: New Frontiers”	
17:15 – 19:30	Poster Session & Get Together with Finger Food	Foyer, IMB

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