





Dec 14 12:30 - Dec 15 12:30

## Programme

#### Thursday, 14.12.23, MDC.C Axon2

Arrival and Registration		
Wolf	Welcome Notes	12:30
Semtner	Constitution and data management of SPP2395	12:40
Project 1	Aberrant microglia function as driver of neuroaxonal degeneration in diseases of the white matter	13:00
Project 2	The continuum of microglial subpopulations to functional changes in multiple sclerosis	13:15
Project 3	The cytoskeleton as a signaling node that contributes to microglia activation and diversity	13:30
Project 4	The role of microglial cytoskeleton proteins ADF/Cfl1 in learning and memory	13:45
Project 5	Multidimensional analysis and therapeutic targeting of microglia fostering brain tumor relapse	14:00
Project 6	A humanized mouse model to analyse the age dependent impact of gut microbiota on microglial diversity in the brain	14:15
Coffee break		
Project 7	Myeloid cell diversity and ischemic stroke	15:00
Project 8	Elucidating the role of activated microglia in sculpting circuits after respiratory viral infections	15:15
Project 9	Microglial IL-10 expression and the impact of CNS-wide microglia responses on higher brain function	15:30
Project 10	Desialylation as trigger of microglia responses in the aging and degenerating retina	15:45
Project 11	T cells are modulators of microglial reactivity in Alzheimer's disease	16:00
Project 12	Microglia-neuron interaction during recovery after cerebral ischemia	16:15
Coffee break		

Project 13	Microglial lipid metabolism during physiological and pathological conditions	17:00
Project 14	Mikrogliale Immun-Surveillance von onkogenem IDH (CONVINCE-IDH)	17:15
Project 15	A novel in vivo human-mouse chimeric brain model to study human microglia specification and contributions to neuropsychiatric disease	17:30
Project 16	MacTrac - Tracking spatiotemporal trajectories of macrophage subtypes in inflammatory demyelination	17:45
Project 17	Epigenomic states of microglia driving central nervous system repair in humans	18:00
Project 18	The role of CYLD and A20 in microglia in aging and autoimmunity	18:15
Break and walk to the dinner place		
Dinner		
Transfer to the hotel by shuttle service		

#### Friday, 15.12.23, Dendrite 2/3

Pick up at the hotel by shuttle service		
Dr. Müller, DFG	Questions and Answers (Axon 2)	08:45
all Pl's	Networking and Coffee (Dendrit 2)	09:30
all Pl's	Discussion and Concluding Remarks (Axon 2) Aims 2024, Contribution to SPP2395, Challenges for the future	11:30
Departure		

# Location

MDC Berlin, Campus Buch, Robert-Rössle-Str.10, 13125 Berlin MDC.C, Gebäude 83

### **Campus Map Buch**

