

SEPTEMBER 15TH, 2022
THURSDAY

Retreat CRC/TRR 167



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|------------|---|------------|--|
| 09.00 a.m. | Welcome / Miscellaneous | 01.00 p.m. | Macrophage programming in cytomegalovirus encephalitis (Henneke) |
| 09.10 a.m. | Definition of context-specific microglia states and the pathways involved by single cell profiling (Prinz) | 01.20 p.m. | Dynamic compartmentalization of myeloid cell responses in neuroinflammation (Böttcher) |
| 09.30 a.m. | Dissecting differential functional contributions of parenchymal and non-parenchymal brain macrophages (Jung) | 01.40 p.m. | The role of microglia during immunotherapy-induced neuroinflammation (Zeiser) |
| 09.50 a.m. | Study of microglia and their interaction with other cells in the brain in animal models of neurodegenerative diseases and in human by single cell genomic technologies (Amit/Keren-Shaul) | 02.00 p.m. | Circadian regulation of myeloid cell function in neurodegenerative diseases (Priller) |
| 10.10 a.m. | Impact of gut microbiota on function, gene expression and metabolic state of microglia and CNS-associated macrophages during aging and age-related neurodegenerative disorders (Erny/Blank) | 02.20 p.m. | Role of myeloid cells in autoreactive CNS antigen-specific B-cell responses and delayed cognitive decline in stroke (Meisel) |
| 10.30 a.m. | Coffee Break (15 min) | 02.40 p.m. | Role of microglia in homeostatic adaptation following denervation (Vlachos) |
| 10.45 a.m. | Innate immune receptors in damage-induced CNS Macrophage activation (Groß) | 03.00 a.m. | Coffee Break (30 min) |
| 11.05 a.m. | Deciphering molecular recruitment mechanisms of microglial progenitors during development (Kierdorf) | 03.30 p.m. | USP18 as an immune checkpoint regulator for microglia activation (Knobeloch/Beling) |
| 11.25 a.m. | Importance of microglia-neuron interactions for neuronal development and function in health and disease (Madry) | 03.50 p.m. | Sympathetic nervous system-mediated regulation of myeloid cells in a mouse models of inflammatory bowel disease (Klose) |
| 11.45 a.m. | MicroRNAs as modulators of microglial function in neurodegeneration (Lehnardt) | 04.10 p.m. | Regulation of CNS Lupus by brain macrophages (Triantafyllopoulou) |
| 12.05 p.m. | Lunch buffet (55 min) | 04.30 p.m. | Bioinformatics Core (Yusuf) |
| | | 04.50 p.m. | NeuroMac School (Priller) |
| | | 05.10 p.m. | Board Meeting (Board only) |
| | | 07.00 p.m. | Dinner |

