

TRR 167



Definition of context-specific microglia states and the pathways involved by single-cell profiling (A01)

Speaker:

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Project description:

Local microglia diversity is essentially required to ensure their defined regulatory functions for neural cells in specialized brain regions during development, health and disease. To better understand how and when microglia multiplicity in the CNS occurs we will analyze the transcriptional landscape of these cells at conditions during ontogeny and in diseases. These transcriptional profiles will be compared with spatial and temporal aspects of microglia spreading in living animals during development and in disease models by using 2-Photon in vivo imaging.

Quelle:

<https://gepris.dfg.de/gepris/projekt/324641252?language=en>