TRR 167

Dissecting differential functional contributions of parenchymal and non- parenchymal brain macrophages (A02)

Speaker:

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Project description:
Microglia are as long-lived cells subject to aging that compromises their fitness over time. Here we will investigate molecular scars that remain in the microglia compartment following acute immune challenges, either during development (in utero) or following postnatal pathogen encounter. Specifically, we will use mouse genetics to define microglia cells that persist following these episodes and profile the impact of the traumata on their gene expression and epigenome. Our studies aim to shed light on possible roles of microglia in age-related neurological disorders.

Quelle:
https://gepris.dfg.de/gepris/projekt/324642003?language=en