

TRR 167



Macrophage programming in cytomegalovirus encephalitis (B04)

Speaker:

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Project description:

The contribution of microglia (MG), as opposed to myeloid cells circulating in the blood, to meningoencephalitis caused by group B streptococci (GBS) remains unclear. Here, we propose to use mouse models, where MG number and function can be modulated and monitored in and ex vivo, in order to define, 1) the role of MG in GBS meningoencephalitis, 2) the role of GBS effectors, e.g. RNA and lipopeptides, in MG activation and blood brain barrier perturbation, and 3) the contribution of intestinal M, and circulating monocytes to GBS colonization and dissemination to the CNS

Quelle:

<https://gepris.dfg.de/gepris/projekt/324670281>