TRR 167

How the gut microbiota controls CNS macrophages during aging and age-related neurodegenerative diseases (A07)

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Project description:

Accumulating evidence is linking host microbiota to brain homeostasis. Our aim is to understand how the host microbiome affects microglia and thereby modulates brain function under physiological and pathological conditions during different phases of aging. With the new findings of this project we will be able to verify, how the manipulation of host microbiota influences microglial cells, which actively contribute to cognitive processing. Targeting gut microbiota might provide a critical strategy to modify learning and memory decline associated with aging and neurodegenerative diseases.

Quelle:
https://gepris.dfg.de/gepris/projekt/324661612?language=en