

TRR 167

Microglial control of obesity and diabetes (B10)



Speaker:

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Funding period:

from 2017 to 2019

Project description:

Currently about one half billion people are clinically obese. Obesity is not a disease of choice, rather the result of misregulation of neuro-regulatory circuitry controlling energy uptake and expenditure. Very poorly understood, microglial activation has surfaced as a potential causal element of obesity-associated metabolic disease. Here, we aim to genetically dissect first microglial metabolic and signaling machinery driving obesity-associated disease. We will characterize microglial activation to an unprecedented single cell and epigenomic level, define its energetic requirements, and map activation limiting constraints in vivo.

Quelle:

<https://gepris.dfg.de/gepris/projekt/324675664>