

TRR 167



## **Circadian regulation of myeloid cell function in neurodegenerative diseases (B07)**

### **Speaker:**

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### **Funding period:**

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### **Project description:**

This project aims to elucidate the role of innate immunity in the pathogenesis of Huntington's disease. We shall generate novel animal models that specifically express mutant huntingtin in microglia versus peripheral myeloid cells in order to examine cell-autonomous effects and pathological cell-cell interactions. A potential role of microglia in intercellular transmission of mutant huntingtin will be examined. Finally, we shall determine the contribution of sterile inflammation to the neuronal damage in Huntington's disease.

### **Quelle:**

<https://gepris.dfg.de/gepris/projekt/324673062?language=en>