

**TRR 167**



## **Regulation of CNS Lupus by brain macrophages (B18\*)**

**Funding Period:**  
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**Project Leader**

**Professorin Dr. Antigoni Triantafyllopoulou**

Charité - Universitätsmedizin Berlin

Campus Charité Mitte

Medizinische Klinik mit Schwerpunkt

Rheumatologie und Klinische Immunologie

Charitéplatz 1

10117 Berlin

Telephone: +49 30 28460734

E-Mail: [antigoni.triantafyllopoulou@charite.de](mailto:antigoni.triantafyllopoulou@charite.de)

**Project Description:**

CNS Lupus is a clinical entity that includes conditions as diverse as cognitive dysfunction and psychosis. Diagnosing CNS lupus is challenging and treatment options are limited. Despite these unmet clinical needs, our knowledge of its pathogenesis is scarce. Here, we aim to shed light to the role of type I interferons, microglia and CNS-associated macrophages in the pathogenesis of CNS lupus at single cell resolution. Our goal is to uncover basic pathogenetic principles underlying the spectrum of clinical presentations of neuropsychiatric lupus and thus identify new diagnostic tools and treatment targets.

Reference: <https://gepris.dfg.de/gepris/projekt/452451365?language=en>