

Lea L. Friker, MD



Most Relevant Publications

1. Friker LL, Scheiblich H, Hochheiser IV, Brinkschulte R, Riedel D, Latz E, Geyer M, Heneka MT. γ -Amyloid Clustering around ASC Fibrils Boosts Its Toxicity in Microglia. Cell Rep 2020;30:3743-3754

2. Jünger ST, Pennig L, Schödel P, Goldbrunner R, Friker L, Kocher M, Proescholdt M, Grau S. The Debatable Benefit of Gross-Total Resection of Brain Metastases in a Comprehensive Treatment Setting. Cancers 2021;13:1435

Affiliation: University Hospital Bonn

Neuropathology resident and Researcher:

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Research Expertise

During her MD thesis, Lea Friker studied the immunoreaction of Microglia in response to ASC and ASC-Amyloid β ($A\beta$) composites exposure in the context of Alzheimer's disease. Now, together with Toshinobu Shida, she is focusing on the fibrillation mechanism of $A\beta$ and the cross-seeding reaction between $A\beta$ and ASC. She has expertise in primary cell culture, immunocytochemical stainings, Western Blot, ELISA and flow cytometry.

Education / Training

University of Bonn, Germany, Medicine, state examination, 2020

University of Strasbourg, France, Medicine, Erasmus Fellowship, 2014

Appointments / Positions Held

2021 - present
Guest researcher at the DZNE Bonn, Germany

2020 – present
Resident in Neuropathology, University Hospital Bonn, Germany

2017 - present
Doctoral student in the Dept. Neurodegenerative diseases and Gerontopsychiatry, University Hospital Bonn, Germany