



MEDIZINISCHE  
FAKULTÄT

# Publikationsbericht 2023

Institut für Inflammation und Neurodegeneration

# INSTITUT FÜR INFLAMMATION UND NEURODEGENERATION

## 1. LEITUNG

Prof. Dr. rer. nat. Ildiko Rita Dunay

## 2. VERÖFFENTLICHUNGEN

### BEGUTACHTETE ZEITSCHRIFTENAUFsätze

**Demuth, Hendrik; Hosseini, Shirin; Düsedau, Henning Peter; Dunay, Ildikò Rita; Korte, Martin; Zagrebelsky, Marta**

Deletion of p75<sup>NTR</sup> rescues the synaptic but not the inflammatory status in the brain of a mouse model for Alzheimer's disease

Frontiers in molecular neuroscience - Lausanne : Frontiers Research Foundation, Bd. 16 (2023), Artikel 1163087, insges. 17 S.

[Imp.fact.: 4.8]

**Garza, Alejandra P.; Morton, Lorena; Pállinger, Éva; Buzás, Edit I.; Schreiber, Stefanie; Schott, Björn H.; Dunay, Ildikò Rita**

Initial and ongoing tobacco smoking elicits vascular damage and distinct inflammatory response linked to neurodegeneration

Brain, behavior, & immunity - health - [Amsterdam]: Elsevier B.V., Bd. 28 (2023), Artikel 100597, insges. 12 S.

**Morton, Lorena; Arndt, Philipp; Garza, Alejandra P.; Henneicke, Solveig; Mattern, Hendrik; Gonzalez, Marilyn; Dityatev, Alexander; Yilmazer-Hanke, Deniz; Schreiber, Stefanie; Dunay, Ildikò Rita**

Spatio-temporal dynamics of microglia phenotype in human and murine cSVD - impact of acute and chronic hypertensive states

Acta Neuropathologica Communications - London : Biomed Central, Bd. 11 (2023), Artikel 204, insges. 23 S.

[Imp.fact.: 7.1]

**Raschick, Matthias; Richter, Anni; Fischer, Larissa; Knopf, Lea; Schult, Annika; Yakupov, Renat; Behnisch, Gusalija; Guttek, Karina; Düzel, Emrah; Dunay, Ildikò Rita; Seidenbecher, Constanze; Schraven, Burkhard; Reinhold, Dirk; Schott, Björn H.**

Plasma concentrations of anti-inflammatory cytokine TGF- $\beta$  are associated with hippocampal structure related to explicit memory performance in older adults

Journal of neural transmission - Wien [u.a.]: Springer, Bd. 130 (2023), Heft 8, S. 989-1002

[Imp.fact.: 3.3]

**Räuber, Saskia Janina; Nelke, Christopher; Schroeter, Christina Barbara; Barman, Sumanta; Pawlitzki, Marc; Ingwersen, Jens; Akgün, Katja; Günther, René; Garza, Alejandra P.; Marggraf, Michaela; Dunay, Ildikò Rita; Schreiber, Stefanie; Vielhaber, Stefan; Ziemssen, Tjalf; Melzer, Nico; Ruck, Tobias; Meuth, Sven G.; Herty, Michael**

Classifying flow cytometry data using Bayesian analysis helps to distinguish ALS patients from healthy controls

Frontiers in immunology - Lausanne : Frontiers Media, Bd. 14 (2023), Artikel 1198860, insges. 9 S.

[Imp.fact.: 7.3]

**Schreiber, Stefanie; Bernal, Jose; Arndt, Philipp; Schreiber, Frank; Müller, Patrick; Morton, Lorena; Braun-Dullaes, Rüdiger Christian; Valdés-Hernández, Maria D. C.; Duarte, Roberto; Wardlaw, Joanna M.; Meuth, Sven G.; Mietzner, Grazia; Vielhaber, Stefan; Dunay, Ildikò Rita; Dityatev, Alexander; Jandke, Solveig; Mattern, Hendrik**

Brain vascular health in ALS is mediated through motor cortex microvascular integrity

Cells - Basel : MDPI, Bd. 12 (2023), Heft 6, Artikel 957, insges. 23 S.

[Imp.fact.: 6.0]

**Wagner, Tina; Bangoura, Berit; Wiedmer, Stefanie; Dauschies, Arwid; Dunay, Ildikò Rita**

Phytohormones regulate asexual *Toxoplasma gondii* replication

Parasitology research - Berlin : Springer, Bd. 122 (2023), Heft 12, S. 2835-2846

[Imp.fact.: 2.0]

**Weichert, Loreen; Düsedau, Henning Peter; Fritzsich, David; Schreier, Sarah; Scharf, Annika; Grashoff, Martina; Cebulski, Kristin; Michaelsen-Preusse, Kristin; Erck, Christian; Lienenklaus, Stefan; Dunay, Ildikò Rita; Kröger, Andrea**

Astrocytes evoke a robust IRF7-independent type I interferon response upon neurotropic viral infection

Journal of neuroinflammation - London : BioMed Central, Bd. 20 (2023), Artikel 213, insges. 15 S.

[Imp.fact.: 9.3]

## DISSERTATIONEN

**Figueiredo, Caio Andreeta; Dunay, Ildikò Rita [AkademischeR BetreuerIn]**

Immune response to *Toxoplasma gondii* at the choroid plexus and the immunomodulatory impact of the neuropeptide PACAP

Magdeburg: Universitätsbibliothek, Dissertation Otto-von-Guericke-Universität Magdeburg, Fakultät für Naturwissenschaften 2023, 1 Online-Ressource (VI, 89 Blätter, 12,98 MB) ;

[Literaturverzeichnis: Blatt 80-88]