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Sarah Schreier, M.Sc.

Otto-von-Guericke-Universität Magdeburg, Medizinische
Fakultät/Universitätsklinikum A.ö.R. (FME/UKMD)
Institut für Medizinische Mikrobiologie und Krankenhaushygiene
(IMMB)

Haus 44, Leipziger Str. 44, 39120 Magdeburg,

Tel.: +49 391 67-21834

✉ sarah.schreier@med.ovgu.de

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M1-project 1: Importance of the astrocytes activation in
neuropathological situations such as stroke and viral infections

Prof. Dr. rer. nat. › **Andrea Kröger**

(<http://www.immb.ovgu.de/Forschung/AG+Kr%C3%B6ger/Team.html>) (OVGU,
MED, IMMB)

Prof. Dr. rer. nat. › **Daniela Dieterich**

(<http://www.ipt.ovgu.de/Das+Team/Leitung.html>) (OVGU, MED, IPT)

Schreier S, Cebulski K, Kröger A. (2021). Contact-dependent
transmission of Langkat and tick-borne encephalitis virus in type I
interferon receptor-1 deficient mice. *J Virol.* 02039-20. **doi:**
10.1128/JVI.02039-20. (<https://pubmed.ncbi.nlm.nih.gov/33504602/>)

Cornelius ADA, Hosseini S, **Schreier S**, Fritsch D, Weichert L,
Michaelson-Preusse K, Fendt M, Kröger A. (2020). Langkat virus
infection affects hippocampal neuron morphology and function in
mice without disease signs. *J Neuroinflammation.* 17(1):278.

doi: 10.1186/s12974-020-01951-w.

(<https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-020-01951-w>)

Lindqvist R, Rosendal E, Weber E, Asghar N, **Schreier S**, Lenman A, Johansson M, Dobler G, Bestehorn M, Kröger A, Överby AK. (2020). The envelope protein of tick-borne encephalitis virus influences neuron entry, pathogenicity, and vaccine protection. *J Neuroinflammation*. 17(1):284. **doi: 10.1186/s12974-020-01943-w**

(<https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-020-01943-w>)

Heyner M, **Schreier S**, Kröger A. (2018). The brain-immune cells axis controls tissue specific immunopathology. *Cellular & Molecular Immunology* 16, 101–103. **doi.org/10.1038/s41423-018-0176-y** (<https://www.nature.com/articles/s41423-018-0176-y>)

Kurhade C, **Schreier S**, Lee YP, Zegenhagen L, Hjertqvist M, Dobler G, Kröger A, Överby AK. (2018). Correlation of Severity of Human Tick-Borne Encephalitis Virus Disease and Pathogenicity in Mice. *Emerg Infect Dis*. 24(9):1709-1712. **doi: 10.3201/eid2409.171825**. (https://wwwnc.cdc.gov/eid/article/24/9/17-1825_article)



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