

Curriculum Vitae Dr. rer. nat. Annika Schneider

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Academic education and employment

2021- Postdoctoral Research Fellow, Chair of Proteomics and Bioanalytics, Technical University Munich
2020-2021 Postdoctoral Research Fellow, Institute of molecular immunology and experimental oncology, University hospital rechts der Isar,
2016 - 2020 Doctoral Thesis, Institute of molecular immunology and experimental oncology, University hospital rechts der Isar, Munich
2013 - 2016 Master of Science, Molecular Biotechnology, Technical University Munich
2010 - 2013 Bachelor of Science, Biology, University Rostock

Selected Publications

1. **Schneider A***, Kurz S*, Manske K, Janas M, Heikenwälder M, Misgeld T, Aichler M, Weissmann SF, Zischka H, Knolle PA, Wohlleber D.: Single organelle analysis to characterize mitochondrial function and crosstalk during viral infection. *Sci Rep* 9, 8492 (2019), doi: 10.1038/s41598-019-44922-9
2. Zecha J., Bayer F.P., Wiechmann S., Woortman J., Berner N., Müller J., **Schneider A.**,The M., Wilhelm M. , Kuster B.: Decrypting drug actions and protein modifications by dose- and time-resolved proteomics. *Science* 380 (2023), doi: 10.1126/science.ade3925
3. Dudek M, Pfister D, Donakonda S, Filipe P, **Schneider A.**, ..., Heikenwälder M, Knolle PA: Auto-aggressive CXCR6+ CD8 T cells cause liver immune pathology in NASH. *Nature* 593, E14(2021), doi: 10.1038/s41586-021-03233
4. Lampl S, Janas MK, Donakonda S, Brugger M, Lohr K, **Schneider A.**, ..., Knolle PA, Wohlleber D.: Reduced mitochondrial resilience enables non-canonical induction of apoptosis after TNF receptor signaling in virus-infected hepatocytes. *J Hepatol* (2020),doi: 10.1016/j.jhep.2020.06.026
5. Manske K, Kallin N, König V, **Schneider A.**, Kurz S, Bosch M, Welz M, Cheng RL, Bengsch B, Steiger K, Protzer U, Thimme R, Knolle PA, Wohlleber D.: Outcome of Antiviral Immunity in the Liver Is Shaped by the Level of Antigen Expressed in Infected Hepatocytes. *Hepatology* 68, 2089-2105 (2018), doi: 10.1002/hep.30080