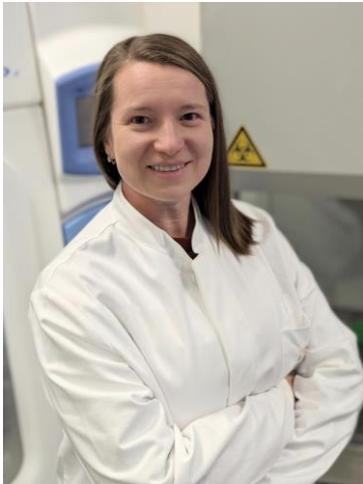


14th Summer Academy “Infection and Immunity”
Lecture 19 on Friday, 29 August, 2025

Dr. rer. nat. Anna Malyshkina



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<https://www.uni-due.de/physiologie/personal-ag-fandrey.shtml>

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Interplay between Hypoxia and Viral Infections

Publications for seminar preparation:

Richard Huang, Melissa Huestis, Esther Shuyi Gan, Eng Eong Ooi and Michael Ohh

[Hypoxia and viral infectious diseases](#)

JCI Insight. 2021 Apr 8; 6(7): e147190., Published online 2021 Apr 8. doi: 10.1172/jci.insight.147190

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8119216/>

Sara Shayan, Arash Arashkia, and Kayhan Azadmanesh

[Modifying oncolytic virotherapy to overcome the barrier of the hypoxic tumor microenvironment. Where do we stand?](#)

Cancer Cell Int. 2022; 22: 370. Published online 2022 Nov 24. doi: 10.1186/s12935-022-02774-w

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9686061/>

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