

Jun-Prof. Dr. Jens Hör

Group Leader

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Education

2020	Dr. rer. nat., University of Würzburg, Germany
2013	MSc, Life and Medical Sciences, University of Bonn, Germany
2011	BSc, Molecular Biomedicine, University of Bonn, Germany

Positions

2024 - present	Junior Professor (W1), Faculty of Medicine, University of Würzburg, Germany
2024 - present	Group Leader, Helmholtz Institute for RNA-based Infection Research (HIRI), Würzburg, Germany
2021 - 2024	Postdoc, Weizmann Institute of Science, Rehovot, Israel
2020 - 2021	Postdoc, Institute for Molecular Infection Biology (IMIB), University of Würzburg, Germany
2013 - 2015	Academic Staff, Furtwangen University, Villingen-Schwenningen, Germany

Awards & Honors

ERC Starting Grant (2025), Fellowship from the Council for Higher Education and Israel Academy of Sciences and Humanities (CHE/IASH) Excellence Fellowship Program for International Postdoctoral Researchers (2023), Walter Benjamin Fellowship from the German Research Foundation (2021), PhD award of the Lower Franconian Memorial Year Foundation for Science and the University of Würzburg (2021)

Selected Publications

- **Hör J** (2025)
Advancing RNA phage biology through meta-omics
Nucleic Acids Research 53(8):gkaf314
- **Hör J**, Wolf SG, Sorek R (2024)
Bacteria conjugate ubiquitin-like proteins to interfere with phage assembly
Nature 631(8022):850-856
- Stokar-Avihail A, Fedorenko T, **Hör J**, Garb J, Leavitt A, Millman A, Shulman G, Wojtania N, Melamed S, Amitai G, Sorek R (2023)
Discovery of phage determinants that confer sensitivity to bacterial immune systems
Cell 186(9):1863-1876.e16
- **Hör J**, Jung J, Đurica-Mitić S, Barquist L, Vogel J (2022)
INRI-seq enables global cell-free analysis of translation initiation and off-target effects of antisense inhibitors
Nucleic Acids Research 50(22):e128
- **Hör J**, Garriss G, Di Giorgio S, Hack LM, Vanselow JT, Förstner KU, Schlosser A, Henriques-Normark B, Vogel J (2020)
Grad-seq in a Gram-positive bacterium reveals exonucleolytic sRNA activation in competence control
The EMBO Journal 39(9):e103852