

Lukas Hofmann



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• Languages •

German	●●●●●	Mother tongue
English	●●●●●	C2
French	●○○○○	A2
Russian	●○○○○	A1
Latin	●●●●●	Latinum

• Personality •

- High learning aptitude
- Great project dedication
- High sense of responsibility
- Team-oriented
- Honest
- Empathic

• Social work & volunteering •

- Tutor for Biology, Chemistry, Physics, Math and English since 2016
- Volunteer for Tafel Deutschland e.V.

Education

- December 2023 – dato Max Planck Institute for Terrestrial Microbiology & Philipps-University of Marburg - Department of Chemistry
PhD-Candidate
- October 2020 – Technical University of Munich
October 2023 Master of Education in Biology & Chemistry
- October 2017 – Technical University of Munich
September 2020 Bachelor of Education in Biology & Chemistry

Research & work experience

- April 2023 – Helmholtz Center Munich - German Research Center for
October 2023 Environmental Health
Master's thesis
➤ Next generation sequencing, Handling large datasets with R, qPCR
- November 2022 – TUM Institute for Medical Microbiology, Immunology and Hygiene
January 2023 **Student assistant**
Tutor for the practical course in medical microbiology
- August 2022 – TUM Chair of Microbiology
October 2022 **Scientific internship**
➤ Anaerobic technique, plate screening, optimization of cultivation
- March 2022 – TUM Chair of Biochemistry
April 2022 **Scientific internship**
➤ Fluxome-Analysis, GCMS, pathogen & host interaction, isotope labelling
- April 2020 – TUM Chair of Microbiology
October 2020 **Bachelor's thesis**
➤ Anaerobic technique, diverse characterization methods, 16S rRNA-Sequencing, assessment of industrial value
- March 2020, TUM Chair of Plant Physiology
October 2020 **Scientific internship**
➤ Promotor activity analysis, Plasmid construction, plant-physiological analyses

Additional skills & proficiencies

MS Office (Excel, Word, PowerPoint, Outlook)

Google-Tools (Mail, Calendar, Meetings, Drive)

Databank analysis (BLAST, UniProt, KEGG)

Software (Rstudio, GCMS Analysis, Audacity, Unipro, Origin, ImageJ, ChemDraw, MestReNova, SerialCloner, MEGA)

Programming languages (R, Python, C)