



Lennart Heere

M.Sc. Biosystems Technology/Bioinformatics

CONTACT

Laboratory of Systems Cancer Immunology
Charité Universitätsmedizin
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13353 Berlin
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CORE INTERESTS

- o Tumor immunology
- o Gene-/Immunotherapy
- o CRISPR/Cas9

CORE SKILLS

- o Cell culture
- o Gene cloning
- o Next Generation Sequencing (Illumina & MinION)
- o Bioinformatic sequence analysis
- o PCR & Real-Time PCR

LANGUAGES

German ●●●●●●●●
 English ●●●●●●●○
 Spanish ●●○○○○○○○

SOFTWARE

MS Office ●●●●●●●○
 Geneious ●●●●●●●○
 Perl/Python ●●●●●●○○
 R/Java ●●●●○○○○

WORKING EXPERIENCE

Charité Universitätsmedizin, Berlin

Laboratory of Systems Cancer Immunology, AG Ostendorf

since 06/2022

PhD Student

Resistance against cancer immunotherapy

Robert Koch Institute, Berlin

Department: Centre for Biological Threats and Special Pathogens, Highly Pathogenic Viruses (ZBS 1)

04/2020 – 05/2022

● Scientist

SARS-CoV-2 diagnostic
(RNA extraction, PCR, ELISA, sequencing)

08/2019 – 11/2019

● Student assistant

Bioinformatic analysis of sequencing data using Geneious

05/2019 – 04/2020

● Master thesis

„Phylogenetic analysis of historical Variola vaccines using Next Generation Sequencing“

Technical University of Applied Sciences Wildau, Brandenburg

Department: Molecular Biotechnology and Functional Genomics

10/2017 – 07/2018

Student Assistant

Cloning of genetically modified E. coli for specific protein production

Robert Koch Institute, Berlin

Department: Gastroenteritis and Hepatitis Pathogens and Enteroviruses (FG 15)

02/2017 – 08/2017

Internship and bachelor thesis

„Characterization of the HEV virus evolution using Next Generation Sequencing“

EDUCATION

09/2017 – 04/2020

Master of Science

Technical University of Applied Sciences Wildau
Biosystems Technology/Bioinformatics
GPA: 1.2 out of 1.0 (with honors)

09/2014 – 08/2017

Bachelor of Science

Technical University of Applied Sciences Wildau
Biosystems Technology/Bioinformatics
GPA: 1.7 out of 1.0

CAREER MILESTONES

11/2021

SEEG mission to Sri Lanka

Business trip as bioinformatic/sequencing expert for a training in SARS-CoV-2 variant identification at the University of Colombo

AWARDS

10/2020

Honoring by the VDI Berlin-Brandenburg

Award for an outstanding degree in Biosystems Technology/Bioinformatics