

Curriculum Vitae Alexander Dilthey

Name Univ.-Prof. Dilthey, Alexander Tilo (DPhil)

Date of Birth August 16, 1983

Current Position Professor of Genomic Microbiology and Immunity (W3 oL, with tenure)
Institute of Medical Microbiology and Hospital Hygiene
Heinrich Heine University Düsseldorf

+49 211 81 13027 | dilthey@hhu.de

Research Interests

- Genomic epidemiology and SARS-CoV-2 genomics
- Microbiome and cell-free DNA analysis
- Genome informatics and long-read methods development
- Population-scale analysis of complex genomic regions like MHC/HLA

Academic Training

2004 – 2008 B. Sc. Computer Science (A, Honours)
Universities of Würzburg, Geneva, Düsseldorf

2008 – 2012 Doctor of Philosophy (DPhil) in Statistical Genetics
Department of Statistics, University of Oxford (UK)

Academic Career

2011 – 2014 Research Associate (Post-doc), Wellcome Centre for Human Genetics, University of Oxford (UK)

2016 – 2017 Visiting Research Fellow, National Human Genome Research Institute (NHGRI-NIH), Bethesda (USA)

2017 – 2021 Independent Manhot Group Leader, Institute of Medical Microbiology, University Hospital of Düsseldorf

2020 – 2021 Professor (W2 with tenure), Institute of Medical Statistics and Computational Biology, University of Cologne

2021 – W3 Professorship o.L.: “Genomic Microbiology and Immunity”
Heinrich Heine University Düsseldorf

Nonacademic Career

2013 – Co-founder and Partner, Peptide Groove LLP, Oxford (UK)

2014 – 2016 Co-founder, Lighthouse Cancer Diagnostics Ltd, Oxford (UK)

Third-party funding

- NCI-NIH (U01 subrecipient)
- DFG (Einzelförderung, COVID-19 Emergency Funding)
- BMBF (Computational Life Sciences, B-FAST via Netzwerk Universitätsmedizin)
- Jürgen Manhot Foundation