

Curriculum Vitae: Prof. Dr. Dominik Matthias Meinel

1. Personal information

Hochschule für Life Sciences FHNW

Institut für Chemie und Bioanalytik

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Web of Science ResearcherID AAR-6754-2020

Google Scholar: Dominik M Meinel

2. Professional career

Since 8/2020 **Professor and research group leader** in-vitro & molecular diagnostics at FHNW Muttenz

2017 **Translational Biomarker Leader (Senior Scientist)**, PS-BiOmics, Roche, Basel
–2020 Biomarker development: Microbiome, Metabolomics and rapid diagnostics
Translational biomarker leader for antimicrobials and antivirals projects

2015 **Implementation for Next Generation Sequencing lab**, Scientist and FAMH
- 2017 trainee at the University Hospital Basel and University Basel

- Implementation of an ISO accredited Next Generation Sequencing laboratory
- Computational modelling of transmission chains
- Genome biology of antibiotic resistance development

2014-2015 **Scientist** Bavarian Health&Food Safety Authority, Infectious Diseases (Prof. Sing)
Project leader for developing Next Generation Sequencing as a tool for epidemiology

3. Educational history

2009 **PhD Biochemistry**, with Dr. K. Sträßer, Prof. Dr. P. Cramer, Gene Center

- 2013 LMU Munich : “Coupling of mRNP formation and export by direct binding of TREX to the phospho-CTD of RNA-Polymerase II.“

2010-2011 **Advanced training in Bioinformatics and Biostatistics**, Gene Center, LMU Munich

2009 **Diploma thesis** in Ophthalmology/Cell biology, Prof. Tamm, University Regensburg
“Molecular characterization of Wdr36 in cell culture and mouse model.”

2004-2009 **Studies at the University Regensburg: Biochemistry** (Diploma)