Henrik Schinke

Curriculum vitae

Education

2017–today	**Dr. rer. nat.**, *Ludwig-Maximilians-University (LMU)/ University Hospital*, Gires Lab, Munich, Germany. Signalling cross-talk in Head and Neck Cancer.
2014–2017	**M. Sc.**, *University of Konstanz,* Germany, *NBE-Therapeutics,* Basel, Switzerland, *ø: 1.6*. Biological Sciences with specialization on Cellular and Molecular Biology.
2011–2014	**B. Sc.**, *University of Konstanz*, Germany. Biological Sciences
2001–2010	**Abitur**, *Reismann-Gymnasium*, Paderborn, Germany.

Doctorate

Supervisor	Prof. Dr. Olivier Gires (Director of ENT Research and Laboratory Director of Molecular Oncology, LMU/ University Hospital)
Description	My research emphasises on the effects of signalling pathways, related cellular programs, and their clinical outcome. Currently, I am working on a transcriptome analysis using *R*. Further, a predictive model for risk assessment of tumor recurrence implementing machine learning shall be developed.

Master's Thesis

Supervisors	Prof. Dr. Marcus Groettrup (Chair of Immunology, University of Konstanz), Dr. Ulf Grawunder (CEO, NBE-Therapeutics)
Description	I elaborated an enzymatic coupling strategy to manufacture highly homogenous and site-specifically conjugated Antibody-Drug-Conjugates for targeted cancer therapy.

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🌐 *henrikschinke.github.io*

Work experience

05/2017–11/2017	**Internship**, *NBE-Therapeutics*, Basel, Switzerland. Monoclonal antibody expression, purification and quality control.
11/2015–03/2016	**Internship**, *Prof. Dr. Dr. Stefan Barth, IDM, Faculty of Health Sciences, University of Cape Town (UCT)*, South Africa. Simulation of V(D)J-recombination using *Python* in co-operation with an RD engineer from HTWG Aachen, Germany.
09/2014–12/2014	**Research Assistant**, *AG Thum, University of Konstanz*, Germany. Establishing experimental procedures for a laser microscope.

Languages

German	Native
English	Fluent (C2)

Computer skills

Advanced	R, RMarkdown, Adobe Illustrator
Basic	Python, Git, LaTeX, FIJI, MS Office

Stay Abroad

2015–2016	**Cape Town, South Africa**, *Internship during Master studies*.
2010–2011	**New Zealand and Fiji Islands**, *Backpacking, Work and Travel*.

Achievements and Certifications

2020	**High-Dimensional Data Analysis**, *R course*, HarvardX by Harvard University.
2015	**PROMOS scholarship**, DAAD, Support for internship at IDM in Cape Town.

Interests

Skate- and Snowboarding, Diving, Photography

References

Prof. Dr. Olivier Gires *olivier.gires@med.uni-muenchen.de*

Prof. Dr. med. Philipp Baumeister *philipp.baumeister@med.uni-muenchen.de*

Dr. Roger Beerli, CSO, NBE-Therapeutics, *roger.beerli@nbe-therapeutics.com*

Publications

[1] Schinke, H. et *al.*, Digital scoring of EpCAM and Slug expression as prognostic markers in head and neck squamous cell carcinomas. *Under revision: Molecular Oncology*, **2020**

[2] Pan, M. and Schinke, H. et *al.*, EpCAM ectodomain EpEX is a ligand of EGFR that counteracts EGF-mediated epithelial-mesenchymal transition through modulation of phospho-ERK1/2 in head and neck cancers. *PLoS Biology*, **2018**