Jonny H. Kinzi

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Nationality:	Swiss
Languages:	German (native), English (proficiency), French (beginner)

RESEARCH EXPERIENCE

University of Basel
Postdoctoral Researcher with Prof. Henriette E. Meyer zu Schwabedissen
Basel, CH
2023 – present

- Investigating the influence of drug transporters on pharmacokinetics.
- Evaluation of clinical biomarkers of hepatic drug transporters.
- Lead of bioanalytical method development.

University of Basel
PhD Candidate with Prof. Henriette E. Meyer zu Schwabedissen
Basel, CH
2019 – 2023

Highlight: Dr. Raymond Evers (Janssen Research & Development) as external expert in Doctoral Committee.

- Characterization of drug ttransporters using mammalian cell assays.
- Conducting 5+ in vivo studies in genetically modified rats (pharmacology and physiology).
- Build-up of quantitative bioanalytics on LC-MS/MS platform.

Novartis Pharma AG (contracted via Kelly)
Preclinical Formulation Scientist with Dr. Paulo A. F. G. Dos Santos
Basel, CH
2018 – 2019

- Preparation and evaluation of formulations for first *in vivo* use.
- Assessment of short-term stability.
- Characterization of physicochemical properties using solid-state analytics.

TESTEX AG
Laboratory Technician
Zurich, CH
Summer 2018

- Support in fabric sample processing of textile specimens.
- Assisting in disposable and reusable laboratory supplies.
- Review of internal report documentation.

Novartis Pharma AG
Postgraduate with Dr. Toni Widmer
Basel, CH
2017 – 2018

- Investigating the stability of drug substances in amorphous solid dispersions (ASDs).
- Preparation of ASDs by hot melt extrusion and lyophilization.
- Building of database for modelling of ASD stability.

Philochem AG
Master Thesis Student with. Dr. Tim Fugmann
Otelfingen, CH
Winter 2016/2017

- Implementing proteomics analysis using high-resolution mass spectrometry and data-independent acquisition (DIA).
- Analysis of proteomic data and development of bioinformatic tools (R, python).
- Benchmarking DIA analysis in comparison to data-dependent acquisition analysis.

ETH Zurich
Master Student with Prof. Dario Neri
Zurich, CH
Winter 2015

- Antibody phage display to generate an anti-PD-L1 antibody.
- Cloning of human HLA-I complex B*07.
- Recombinant expression of MHC-I complex H-2Ld in *E. coli.*

EDUCATION

University of Basel, Faculty of Science — Basel, CH
Ph.D., PhD Program for Pharmaceutical Sciences (summa cum laude) — 2019 – 2023

ETH Zurich, Department of Chemistry and Applied Biosciences — Zurich, CH
M.Sc., Medicinal and Industrial Pharmaceutical Sciences ETHZ (grade: 5.21/6) — 2016 – 2017
B.Sc., Pharmaceutical Sciences — 2012 – 2016
B.Sc., Interdisciplinary Natural Sciences — 2011 – 2012

MENTORING AND TEACHING

Department of Pharmaceutical Sciences at the University of Basel — Basel, CH
Lecturer in spring semester 2024 — 2024
Mentoring of PhD Students and Master Students — 2019 – present
- Co-managing projects of other PhD dissertations.
- Supervision and mentoring of Master Students.

Novartis Pharma AG — Basel, CH
Supervision of Interns — 2018 – 2019
- Introducing to laboratory instruments and working procedures.

EXTRACURRICULAR ACTIVITIES

ETH Zurich, Akademischer Pharmaziestudierenden Verband APV — 2013 – 2016
Board Member and deputy of association's IT and web content

SKILLS

Pharmacokinetics	Analytical, critical and strategic thinking
Mass spectrometry (HRMS, QQQ)	Creative problem solving
Ultra-high performance liquid chromatography	Data analysis (Prism GraphPad, R, TIBCO Spotfire)
Cell culture	GCP certification (ICH E6(R2))
Protein detection (Western blotting, proteomics, immunohistology, immunofluorescence)	Presentation & communication skills
	Scientific writing
Cloning	Project management
In vivo experimentation (LTK module 1 certification)	Data management
Formulation development	Time management
Solid-state analytics	