

NIKLAS RINDTORFF

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Berlin, Germany

EDUCATION

Harvard Medical School

M.Sc. Biomedical Informatics (4.0 GPA)

Supervisor: Jesse Boehm

Fulbright Scholarship

Sep 2018 – Oct 2019

Cambridge, MA

Heidelberg University

M.D. (summa cum laude)

Supervisor: Michael Boutros

German Academic Scholarship Foundation, Heinrich F.C. Behr Foundation

Sep 2013 – Jun 2021

Heidelberg, Germany

Lise Meitner Gymnasium

Abitur with Honors (1,0)

Focus: Biology, Chemistry, Mathematics

Class of 2013

Böblingen, Germany

PROFESSIONAL

MIT Koch Institute

Contracting Scientist

Analysis of data from a microscopy-based drug sensitivity assay for primary cancer cells.

Including the development of panoptic Vision models.

Nov 2025 – Present

Berlin, Germany

Convexity Labs

Founder

Multiple pivots, including a peer-to-peer container inference platform (plex), and custom affinity reagent design for R&D based on RFDiffusion, and Bindcraft (convexity.bio). Raised 3.6M USD from Village Global as lead investor.

Jan 2022 – Oct 2025

Berlin, Germany

University Clinic Heidelberg

Internship year

Clinical rotation in Oncology, General Surgery, and Clinical Pharmacology

Mar 2020 – Mar 2021

Heidelberg, Germany

Broad Institute of MIT and Harvard

Master Student

Established a microscopy-based drug sensitivity assay for primary cancer cells from ascites fluid from cell culture hood to container orchestration.

Aug 2018 – Oct 2019

Cambridge, MA

German Cancer Research Center (DKFZ)

MD Candidate

Established a microscopy-based drug sensitivity assay for patient-derived and genetically engineered colorectal cancer organoids.

Sep 2015 – Jul 2018

Heidelberg, Germany

SKILLS

- **Programming:** Python, Docker, Ray, AWS, GCP & Postgres
- **Laboratory:** Liquid Handling Robotics, High Throughput Microscopy, Tissue Culture, Molecular Cloning
- **Languages:** German (native), English (fluent)

PUBLICATIONS

The drug-induced phenotypic landscape of colorectal cancer organoids 2022

Johannes Betge*, Niklas Rindtorff*, Jan Sauer*, Benedikt Rauscher*, et al.

Nature Communications

A Biologically Plausible Benchmark for Contextual Bandit Algorithms in Precision Oncology Using in vitro Data 2019

Niklas Rindtorff, MingYu Lu, Nisarg Patel, Huahua Zheng, Alexander D'Amour

Neurips 2019 Healthcare Workshop, Arxiv

CRISPR/Cas9 for cancer research and therapy 2019

Tianzuo Zhan*, Niklas Rindtorff*, Johannes Betge, Matthias P. Ebert, Michael Boutros

Seminars in Cancer Biology

Wnt signaling in cancer 2017

Tianzuo Zhan*, Niklas Rindtorff*, Michael Boutros

Oncogene

*shared first authorship