

# Philipp Heider

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## Profile

Scientist with a background in biotechnology and several years of experience in the pharmaceutical industry, now transitioning into IT and Data Science to follow a long-standing passion for technology and analytical problem-solving. Combines scientific thinking, digital curiosity, and hands-on exposure to data-driven projects. Holds a CAS in Digital Life Sciences and is eager to deepen technical skills through further academic training, with the goal of contributing to innovative, data-driven solutions across industries.

## Education

### CAS «Digital Life Sciences»

04/2025

Zurich University of Applied Sciences (ZHAW) 

Continuing education on methods and technologies for the digital transformation in life-sciences, including Python programming, AI & Machine Learning, Databases, Data Analytics.

### MASTER OF SCIENCE BIOTECHNOLOGY

2018 – 2021

Management Center Innsbruck

Joint programme with Medical University of Innsbruck, specializing in Molecular Medicine.  
Passed with honors.

### BACHELOR OF SCIENCE BIOTECHNOLOGY

2015 – 2018

Management Center Innsbruck

Included full-time industrial employment (6 months) supporting Novartis/Sandoz device projects.  
Exchange semester in Pharmatechnology at FHNW.

## Professional Experience

### Daiichi Sankyo (Schweiz) AG

02/2023 – Present

Medical Science Liaison Manager Oncology

- As a member of Global Medical Affairs Generative AI Task Force (in collaboration with BCG) I helped to implement AI into critical business processes.
- Full-stack developed and implemented a django-based software that improves communication and workflow efficiency across teams – recognized with Spot Bonus and featured by European leadership.
- Built partnerships with doctors, patient groups, and research centers.
- Gathered insights from the field, medical conferences, supported clinical trials and early access programs.
- Helped shape local medical strategy to match company goals.
- Organized and conducted educational events like webinars, presentations, and training sessions.

### Sartorius Stedim Switzerland AG

11/2021 – 02/2023

Key Account Manager

- Led technical process optimization/consulting at a major Swiss CDMO: analyzed flows, recommended configurations, coordinated validation for mAB and ADC manufacturing.
- Focused on upstream/downstream processing, single-use technologies, and PAT.
- Generated qualified leads worth 12M Fr. through technical need identification.
- Received Key Account Management Award 2022 for excellence in project due-diligence.

### Amgen GmbH

04/2021 – 11/2021

Medical Scientific Communications – Intern

- Created scientific materials for multiple oncology therapies including CDx-related indications. (KRAS G12Cm NSCLC: Sotorasib, Multiple Myeloma: Denosumab, Colorectal Cancer: Panitumumab).

- Coordinated with agencies to enhance the AMGEN digital HCP engagement platform.

## Medical University of Innsbruck, Institute of Virology

07/2020 – 04/2021

### Research Project Associate

- Worked on engineered versions of Rituximab, Obinutuzumab and Ofatumumab that induce an enhanced complement-dependent cytotoxicity (CDC).
- Assays development and validation using CLL cells from clinical trial samples obtained from patients at "Klinik für Innere Medizin V" (Prof. Wolf) at the University Hospital Innsbruck.
- Optimized antibody production and the characterization workflow for clinical trial samples.
- Established QC protocols and contributed to antibody assay development.

## Novartis AG

### Device Expert

10/2019 – 02/2020

- Was offered a permanent position after 3-months of the internship.
- Developed risk assessment strategies for Hyrimoz & Kesimpta autoinjectors/NSDs in alignment with EU MDR/IVDR and FDA 21 CFR.

### Intern Technical Research & Development (DD&C)

07/2019 – 10/2019

- Automated lab testing processes using VBA tools to improve data integrity. Mitigation of human errors and change requests.
- Participated in GMP validation and compliance improvement initiatives.

## SpiegelTec Consulting Engineers

02/2018 – 08/2018

### Intern Compliance Engineering

- Regulatory compliance projects for Sandoz / Novartis process plants in Schafftenau, Austria.
- Digital transformation of the project management.

## Publications

### Enhancement of complement-dependent cytotoxicity by linking factor-H derived short consensus repeats 19-20 to CD20 antibodies

Prantl L, Heider P et al.

Front. Immunol., 22 July 2024.

## Certificates

### Certified Scrum Product Owner®

Scrum Alliance, Inc.

### Good Clinical Practice (GCP)

Clinical Trials Level Investigator / Sub-Investigator

CTU Kantonsspital St. Gallen, Switzerland

### Statistical programming language R

VHS Innsbruck

### Process Analyst

Gesellschaft für Prozessmanagement

## Key Qualifications

Communication

Software Engineering

Detail orientation

Pharmaceuticals

Financial Markets

Biotechnology

Oncology

Research