

Johannes Roylands

Student at LTH



About me

I am eager to apply my academic training and gained research expertise to a meaningful project, with real results on human health outcomes

Soft skills

Adaptability, Team-work, Effective Communication, Leadership

Professional Interests

Immunology, Data analysis, Teaching

Interests

Recreational reading and listening to music for my self as well as working out and cooking with friends are my favorite activities.

RESUMÉ

2023-2025

M.Sc. Pharmaceutical Technology

STUDENT · Lund University - LTH (Lunds Tekniska Högskola), Sweden 📍

My M.S. studies provided a comprehensive understanding of the pharmaceutical lifecycle through courses guided by industry specialists. I particularly enjoyed two independent projects: one on phage display selection and another on the *de-novo* formulation of a drug product. My academic interests were best reflected by a course on downstream processing of omics data that expanded my bioinformatics skills in R and Python. I apply this knowledge to my thesis project, designing multiple fluorescent panels for myeloid cells in tonsillar cancer biopsy tissues. This involves spatial analysis using QuPath and R (SPIAT), contributing to advancements in tumor microenvironment research.



2019-2022

B.Sc. Lifescience

STUDENT · University of Konstanz, Germany 📍

While at the University of Konstanz, I gained practical skills in laboratories ranging from organic chemistry and microbiology to animal physiology. My thesis project on the bi-directional exposure of cells to a protooncogene allowed me to work independently with mammalian cell culture and the analysis of DNA lesions with mass spectrometry data. This diverse educational background serves as a broad foundation as I work towards specializing in the pharmaceutical field



DEGREES

2025

Pharmaceutical Technology

M.Sc. · Lund University - LTH 🏛️



2022

Lifescience (2.1/B/good)

B.Sc. · University of Konstanz 🏛️



CURRICULUM

2021 - Jan 2023

Laboratory Assistant

PART-TIME · University of Konstanz, Germany 📍

Laboratory assistant in Environmental and Human Toxicology, managing cell cultures, HPLC-MS, and supervising student laboratories in Chemistry.



2024

SI-leader

PART-TIME · Lund University - LTH, Sweden 📍

Mentor and teacher for student groups



2023

Technical Support Specialist

FULL-TIME · Swisscom, Tägerwilen, Switzerland 📍

Technical support with direct Customer contact



2019 - Present

Teacher

FREELANCE · Remote 📍

Remote tutoring for mainly high school students.



2018

Project Assistant

FREELANCE · State government, Kiel, Germany 📍

Planning and on sight organisation of an event for Inclusion

