

As a highly motivated and organized technical officer with solid interpersonal skills, I am adept at quickly learning new protocols, working in a team or independently, balancing multiple projects and providing a functioning work environment. I work with precise attention to detail and can effectively collaborate with and communicate in an interdisciplinary group. My scientific background has sharpened my analytical and critical-thinking skills while my experience in the lab has given me a firm appreciation of safety standards and protocols. Likewise, through my thesis and current position with Europe's flagship microbiology lab, I have become adept at timely acquiring, analyzing and recording experimental data.

Vocational Experience

- 2017–present *European Molecular Biology Laboratory (EMBL), Monterotondo, Italy*
- Job Title **Technical Officer**, Genetic and Viral Engineering Facility
- Duties Produce viral vector tools in HEK cells (work in BSL1 and 2 aseptic environment); assist in establishing new protocols and methods; general duties (maintain equipment, prepare stock solutions, manage inventory) ; maintain/update records on database and improve database in general.

Research Experience

M.Sc. Thesis, Genetics & Experimental Bioinformatics

- Topic *Biochemical analysis of the Cas6-1 RNA endonuclease associated with the subtype I-D CRISPR-Cas system in *Synechocystis* sp. PCC 6803. ([Publication](#))*
- Skills Developed Plan and manage own research project; handle *Synechocystis* sp. PCC 6803 and RNA; present research findings within the research group and beyond.

iGem 2015 Competition

- Topic *Multiplexed antibody detection from blood sera by immobilization of in vitro expressed antigens and label-free readout via imaging reflectometric interferometry (iRIf). ([Publication](#)) ([Team Website](#))*
- Skills Developed Develop and implement research project as a team; accurately record results comprehensively for all team members; design explanatory illustrations.
- Awards Gold medal; nominated for Best Health and Medicine Project, Best Innovation in Medicine and Best Wiki.

Education

- 2014–2016 **M.Sc. Biology**, [Albert-Ludwigs-Universität Freiburg](#), Germany, GPA 4.0.
- 2011–2014 **B.Sc. Biology**, [Philipps-Universität Marburg](#), Germany, GPA 4.0).

Languages

- German Native Speaker
- English C1 *full working proficiency in speaking, reading and writing*
- Other Spanish, Italian, Portuguese *basic proficiency*

Computer Skills

- Office Tools Microsoft Excel, Word, PowerPoint; Adobe Illustrator *very proficient in all 4*
- Other FileMaker database, Geneious, Snapgene *basic working proficiency*