

As a highly motivated and diligent researcher, I am adept at quickly learning new protocols, designing and implementing research projects as a team and independently, balancing multiple projects and deadlines and communicating findings with both experts and wider audiences. I have had ample experience in presenting and public speaking and have solid interpersonal skills, meaning I can effectively collaborate with an interdisciplinary group. My particular interest and past research focus is in photosynthetically active organisms, their adaptations to environmental clues and how they might facilitate a more sustainable economy.

Vocational Experience

- 2017–present *European Molecular Biology Laboratory (EMBL)*, Monterotondo, Italy
- Job Title **Technical Officer**, Genetic and Viral Engineering Facility
- Duties Assemble genetic constructs in *E. coli*; produce viral vector tools in HEK cells (work in BSL1 and 2 aseptic environment); assist in establishing new protocols and methods; perform all general laboratory duties; accurately maintain and update records on database and improve database in general.

Research Experience

M.Sc. Thesis, Genetics & Experimental Bioinformatics

- Topic *Effect of specific point mutations on the Cas6-1 protein of Synechocystis. (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 *A DNA/protein array based diagnostic tool for simultaneous screening of diseases. (Publication) (Team Website)*
- Skills Developed Develop and implement research project as a team; accurately record results understandably 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 Excel, Word, PowerPoint, Adobe Illustrator *very proficient in all 4*
- Other FileMaker database, Geneious, Snapgene *basic working proficiency*