

I am a competent, highly motivated researcher in the field of microbiology and translational biology. Through my theses and working with Europe's flagship molecular laboratory (EMBL), I have developed an ability to quickly learn new protocols and design and implement projects as a team and independently. My experience with EMBL as well as with the international Genetically Engineered Machine (iGEM) competition have honed my ability to balance multiple projects and deadlines and communicate findings with experts and wider audiences. My experience in presenting and public speaking combined with solid interpersonal skills means I can effectively collaborate with an interdisciplinary group.

## 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, 1.1 with honors.
- 2011–2014 **B.Sc. Biology**, [Philipps-Universität Marburg](#), Germany, overall grade: very good.

## Languages

- German Native Speaker
- English C1 *full working proficiency in speaking, reading and writing*

## Computer Skills

- Office Tools Excel, Word, PowerPoint, Adobe Illustrator *very proficient in all 4*
- Programming C, FileMaker database *basic proficiency*
- Tools Geneious, Snapgene *very proficient in both*