Rabea Jesser — Resume

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 providing a functioning work environment. I work with precise attention to detail 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 to manipulate them.

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*