



Dear MycoTechnology representative,

Given my strong **scientific background and critical-thinking skills**, I would make an excellent addition to the MycoTechnology team as a QC Technician and relish the opportunity to help develop organic and natural food enhancers. After a B.Sc. in Biology and participation in the iGEM (international Genetically Engineered Machine) competition, I received a M.Sc. in Biology before working with the European Molecular Biology Laboratory (EMBL) in Rome. **Across various research projects I have worked both independently and as part of a team, gaining strong problem-solving skills, precise attention to detail and excellent communication skills.** Furthermore, I am able to **read, comprehend and apply work instructions and work-related documents** and have a proven ability to adapt to new challenges and am eager to learn.

During my B.Sc. thesis I worked with *Nannochloropsis oceanica* and *Phaeodactylum tricornutum* while for my M.Sc. thesis I cultivated *Synechocystis* sp. PCC 6803 ([Publication](#)). **Through these experiences I developed excellent analytical and critical thinking skills and became well-versed in gathering, analyzing and recording scientific data.** The wide array of lectures I took in plant sciences, translational biology and microbiology has meanwhile left me with a solid foundation to read, comprehend and adopt available literature, analyze the strengths and weaknesses of alternative options and take educated decisions. **For instance, during a reorganization of my current lab, I consulted a variety of available protocols and methods to establish a procedure and SOPs for the production and quantification of viral vector tools in mammalian cell culture.** In the process I got accustomed to techniques that were new to both my supervisor and me. **As a consequence I also began working in a BSL2 environment and am aware of the importance of stringently following safety guidelines as well as maintaining a clean, safe and efficient working environment.**

**Outside of the lecture hall, iGEM gave me the chance to work within an interdisciplinary team of 20 students and to adapt new protocols in a team environment.** During iGEM it was essential to accurately record results comprehensively for all team members in an internal wiki and to communicate findings within the group and beyond in clear and coherent presentations. **Although my specific focus during iGEM was protein purification, I taught myself adobe illustrator in order to generate higher quality designs for our website.** At my current position, I took the initiative to further develop the facility's database (FileMaker) and set up a weekly project schedule to establish work priorities in the team and guarantee the most efficient time use. **I also attended a professional course on presenting with impact and project management for scientists and am able to apply these techniques to balance multiple projects at once while managing my time to keep ahead of deadlines.** Finally, through a wide range of volunteering activities I have honed my interpersonal, organizational and communication skills, which will help in any situation whether organizing a lab or assisting in projects.

Working for Horizon as a research technician is a **natural continuation of my experience, skills and passions** and I believe I could make valuable contributions to Horizon's R&D team. If you agree, I would appreciate the opportunity to discuss the position and my skills in more detail. Thank you for your consideration, I look forward to hearing from you and will be following up next week.

Sincerely,

**Rabea Jesser**