Horizon Ag-Products, LP
1450 Infinite Drive
Louisville, CO 80027

July 27, 2018

Dear MycoTechnology representative,

Given my dedication to quality, high attention to detail 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 to refine the quality of procedures and products, precise attention to detail and excellent communication skills. Furthermore, my experience in developing and executing protocols illustrates my ability to read, comprehend and apply instructions as well as my quick adaptation to new challenges and eagerness 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. With a solid foundation in mycology and an ability to analyze and adopt current literature practices I can analyze the strenghts 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 and the necessary quality control 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 to maintain a clean, safe and efficient working environment, to meet or exceed all regulatory safetly and quality requirements and immediately report any issues to the health and safety manager.

Outside of the lecture hall, iGEM gave me the chance to cooperate within an interdisciplinary team of 20 students, to analyze and test the common work and refine the final product in a team effort. During iGEM it was essential to accurately record results comprehensively for all team members in an internal wiki to ensure consistent quality. To communicate ideas and findings clearly within the group and beyond I taught myself Adobe Illustrator and designed illustrations 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 passion in consistently delivering high quality biological products 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

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