

Mariana Cardoso Patanita

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EDUCATION

09/2012 – Present

Instituto Superior Técnico, Universidade de Lisboa

Integrated Master's Degree in Biological Engineering

Currently in the 5th year | Current GPA: 16/20



PROFESSIONAL EXPERIENCE

DuPont Pioneer (April 2016-Present)

Intern in University of Évora | In the scope of the master's thesis about the influence of the presence of intact mycelium of arbuscular mycorrhizal fungi (AMF) as the primary source of inoculum, in the development of a pathogenic fungus which attacks maize (*Cephalosporium maydis*).

Centro de Biotecnologia Agrícola e Agro-Alimentar do Alentejo – CEBAL (July 2015)

Intern | Research and development work, within the framework of "Genosuber Project" – Genome sequencing of the *Quercus suber*

EXTRACURRICULAR ACTIVITIES

Participant in "Missão País" (2016 and 2018)

Helping and interacting with older and younger people with some difficulties

Bioengineering Week (2014-2016)

Collaborator at the financial and logistics department | Responsible for contacting companies for sponsorship opportunities and handling logistics

Students Union of Instituto Superior Técnico – AEIST (2013-2015)

Member of communication department | Promoting the events and activities of the Students Union

Collaborator in the 26th Jobshop | Responsible for the organization of the largest and oldest university job fair in Portugal

IX Edition of Biological Engineering Conference (2013-2014)

Collaborator at the logistics department

TECHNICAL SKILLS

Computer Skills: Microsoft Word, PowerPoint and Excel – advanced level

Familiar with Matlab, Aspen and SuperPro Design

Lab Techniques: Familiar with fundamental lab procedures acquired during the course.

Relevant Courses: Chemical Analysis; Processes in Biological Engineering; Genetic Engineering; Enzyme Engineering; Microbial Biochemistry and Physiology; Bioreactors; Separation and Purification of Biological Products; Functional Genomics and Bioinformatics; Cell and Tissue Engineering; Dynamic Systems and Process Control; Production Management and Operations; Food Technology

PUBLICATIONS

Campos, M. D., Patanita, M., Campos, C., Materatski, P., Varanda, C. M. R., Brito, I. & Félix, M. R. Detection and quantification of *Fusarium* spp. and *Cephalosporium maydis* in maize using real-time PCR targeting the ITS region. (To be published in 2018)

OTHER SKILLS

Driving License – category B (2016)

LANGUAGES

Portuguese – Native level/Mother tongue

Spanish: Oral expression ●●●●○
Written expression ●●●●○○
Reading comprehension ●●●●●●

English: Oral expression ●●●○○○
Written expression ●●●○○○
Reading comprehension ●●●●●○

OTHER INTERESTS

- Travelling
- Nature and Animals
- Sports
- Personal Development
- Interpersonal Communication
- Volunteer Work