



JOÃO MARTINS

Braga, Portugal

| joao.martins@inl.int | (+351) 964739394

CURRENT ROLE | Junior Research Fellow at the Ultrafast Bio- and Nanophotonics, at the International Iberian Nanotechnology Laboratory (INL), Braga

PROFESSIONAL EXPERIENCE | **December 2018- December 2019** – Technician in the **ImmunoSurgery/Immunotherapy Unit** (PI: Markus Maeurer) at the Champalimaud Foundation, During this year my work was focused on cell culture, mainly T-cell Expansion for immunotherapy, and flow cytometry. I also had a small role in lab managing and helped integrate several microscopy techniques in the laboratory including lightsheet microscopy and 3D holotomography.

INTERNSHIPS AND COURSES | **November 2017**- Course on Laboratory Animal Sciences in Mouse and Zebrafish at Champalimaud Foundation. I successfully finished the course and I am certified by the “Direcção-Geral de Alimentação e Veterinária” to handle both Zebrafish and rodents.
July and August 2016- Internship at the Champalimaud Foundation in the telomeres, ageing and cancer research group with Rita Fior (PI: Miguel Godinho Ferreira), with one week of introduction to the Fish Facility. On this internship I had my first contact with cell culture, zebrafish handling and confocal microscopy.
January, 2016- Internship in the area of Bioinformatics(PI: João Almeida) at Faculdade de Ciência e Tecnologia, Universidade Nova de Lisboa (Portugal). On this internship I learned to use and access databases and basic DNA sequence alignment.

ACADEMIC FORMATION | September 2016 – December 2018- **Master degree in Molecular Genetics and Biomedicine**, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (Portugal). Final Grade:17/20
This master provides advanced training in molecular genetics and cell biology, with a focus on human diseases from a clinical perspective
My thesis “**Ontogenesis of visual processing circuits in the zebrafish: analysis of specific neuronal subpopulations in development**” focused on imaging and analysis of specific neuronal subpopulations in the zebrafish model using different imaging techniques (confocal, two photon and light sheet microscopy) to study both fixed and live samples.

September 2013 - June 2016- **Bachelor Degree in Molecular and Cell Biology**, Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa (Portugal) Final grade: 14/20. This degree provided an in-depth study of biological concepts and an overview of various scientific topics including, biophysics, microbiology, chemistry, physiology and cell biology.

PUBLISHED PAPERS

Review: **Clinically Relevant Immune Responses against Cytomegalovirus: Implications for Precision Medicine**, Joana R. Lérias, Georgia Paraschoudi, Inês Silva, João Martins, Eric de Sousa, Carolina Condeço, Nuno Figueiredo, Carlos Carvalho, Ernest Doodoo, Elke Jäger, Martin Rao, and Markus Maeurer, Published: 23 April 2019 on the International Journal of Molecular Sciences

Review: **Trained Immunity for Personalized Cancer Immunotherapy: Current Knowledge and Future Opportunities**, Joana R. Lérias, Eric de Sousa, Georgia Paraschoudi, João Martins, Carolina Condeço, Nuno Figueiredo, Carlos Carvalho, Ernest Doodoo, Andreia Maia, Mireia Castillo-Martin, Antonio Beltrán, Dário Ligeiro, Martin Rao, Alimuddin Zumla and Markus Maeurer Published: 10 January 2020 on the Frontiers of Microbiology.

SCIENTIFIC COMMUNICATIONS: POSTERS

October 2019- Poster Presented at the 7th Annual Immunogenomics conference at Champalimaud Foundation with the title: "T-cells from a patient with NSLC recognize an EGFR mutation."

June 2018- Poster presented at the Champalimaud Research retreat with the title "Developmental characterization of neuronal populations involved in visually guided behaviors."

CONFERENCES ATTENDED

October 2019: 7th Annual Immunogenomics Conference, Champalimaud Foundation.

July 2018- Ocular Oncogenesis and Oncology Conference, Champalimaud Foundation.

February 2018- Angels and Demons in Rectal Cancer: Challenging the Dogmas, Champalimaud Foundation.

October 2017- Participation in the Symposium on Imaging Hallmarks of Cancer, Champalimaud Foundation.

October 2015- Participation in the 1st Genetics Workshop NOVA Saúde, Rectory of the New University of Lisbon, Campolide.

LANGUAGES

Portuguese (Native Language) and English (Fluent).