



Ana Carolina Palmeira do Amaral

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Personal Information

Date of Birth: 17.03.1996
Languages: Portuguese (mother tongue)
English (advanced)
Spanish (introductory)

Publications

2019 "Design, synthesis and characterization of a new series of fluorescent metabotropic glutamate receptor type 5 negative allosteric modulators", Fernández-Dueñas et al. (manuscript in process to be submitted).

University

PhD Degree PhD candidate (since Oct. 2019) at the Functional Neurobiology research group, iDN, Johannes Gutenberg-University Mainz, Germany.

Master' Degree Master's Degree in Biochemistry (Sep. 2017-Sep. 2019), University of Coimbra, Portugal. Final grade: 18 points out of 20.
- Master thesis at the Neuropharmacology and Pain research group in Erasmus+ Program (Sep. 2018-Jul. 2019), University of Barcelona, Spain.

Bachelor's Degree Bachelor's Degree in Biology with Minor in Biochemistry (Sep. 2014- Jul. 2017), University of Coimbra, Portugal. Final grade: 16,33 points out of 20.
- Erasmus+ Program (Sep. 2016-Dec. 2016), University College Dublin, Ireland.

Relevant Modules: Molecular and Cellular Neurobiology, Drugs of Abuse, Molecular Biotechnology, Biochemistry, Genetics, Cellular Physiology, Electrophysiology.

Laboratory Experience

Master Thesis: Laboratory of Neuropharmacology and Pain (Sep. 2018-Jul. 2019), University of Barcelona, Spain.
Methods: immunoblotting, cell culture, immunofluorescence, NanoBRET ligand uncaging, GPCR (photo)pharmacology, second messenger determinations, cloning.

Laboratory Rotation: Laboratory of Neuromodulation (in Jan. 2018), Center for Neuroscience and Cell Biology, University of Coimbra, Portugal.
Methods: solution preparation, Western Blot, Immunohistochemistry, behavioural test in rodents to assess memory, electrophysiology.

Internship: Laboratory of Microbiology (in 2015), University of Coimbra, Portugal
Methods: bacteria culture and plating.

Laboratory of Brain Development and Disease (in Jun. 2018), Center for Neuroscience and Cell Biology, University of Coimbra, Portugal.
Methods: cell culture, mice brain dissection.

Soft Skills

- Great team-spirit and team-work gained in group projects through my academic course and for being part of a basketball team.
- Excellent sense of responsibility, organization and commitment gained in volunteering at the European University Games 2018 edition, Portugal
- Self-motivation and own initiative.
- Ease in adjusting to new working and cultural environments due to Erasmus Programs.
- Good English skills gained in a Course in Advanced Quotidian English I & II at the University of Coimbra, Portugal.