



Carolina Pinto

Neuroscientist

ABOUT ME

Maria Carolina dos Santos Pinto

01-05-1999

Female

Portuguese

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+351964151292

LANGUAGES

Portuguese ●●●●●●

English ●●●●○○

Spanish ●●○○○○

LABORATORIAL SKILLS

Immunohistochemistry;
Immunocytochemistry;
Cell Culture (Primary Cell Culture of Microglial and Astrocytes; Organotypic Slices);
Fluorescence Resonance Energy Transfer (FRET);
Enzyme-Linked Immunosorbent Assay (ELISA);
Fluorescent and Confocal Microscopy;
Two-photon Excitation Microscopy;
Electroporation

COMPUTER SKILLS

Ability to work on GraphPad, EndNote, Smart Video Tracking Software, Ilastik, Cellprofiler Analyst, Cellprofiler, IMARIS and ImageJ (FIJI).

EDUCATION

2022-Present

PhD Student at Institute of Synaptic Physiology, Zentrum für Molekulare Neurobiologie Hamburg

2020-2022

Master's degree in Neurobiology, Faculdade de Medicina da Universidade do Porto

Final grade: 18/20

Master's Thesis at Addiction Biology research group at Instituto de Investigação e Inovação em Saúde (i3s): "Psychostimulant induced-neuroinflammation: clarifying the astrocyte-microglia crosstalk under IL-10"

2017- 2020

Degree in Biomedical Sciences, University of Aveiro
Final grade: 16/20

2014 - 2017

Escola Secundária de Afonso de Albuquerque, Guarda
Final grade: 19,1/20

PUBLICATIONS

2021

Pinto, Carolina, Diana Sousa, Vladimir Ghilas, Andrea Dardis, Maurizio Scarpa, and Maria F. Macedo 2021. "Acid Sphingomyelinase Deficiency: A Clinical and Immunological Perspective" International Journal of Molecular Sciences 22, no. 23: 12870. <https://doi.org/10.3390/ijms222312870>

INTERNSHIPS

2020

IGC Undergraduate Summer School Programme

2019

Observational internship at Addiction Biology research group at Instituto de Investigação e Inovação em Saúde (i3s)

Supervisor: Teresa Summavielle, PI

2018

Maria de Sousa Summer Research Project

Internship: Protein aggregation in ageing human cells

Supervisor: Diogo Trigo, PhD

OTHERS

2021

Introductory Course of Laboratory Animal Science - functions A and D + Module C 01 National Legislation (DE)

2020

Member of the Cultural and Social sector of the Biomedical Science's student core at Universidade de Aveiro

Pitch Bootcamp Online by Spark Agency

2019

Shaper in Forall Phones

2017

Participation in "Academia de Verão" in University of Aveiro in the course "Da molécula à doença"

Avon reseller

2016

Participation in Junior University in University of Porto in the course "DNA à lupa"

SOFT SKILLS

Critical thinking, communication of ideas, synthesis and integration of information, autonomy, time management and projects manager

MEETINGS

2023

Participation in the Cajal Course on Glial Cells in Health and Disease - CAJAL Advanced Neuroscience Training Programme

Poster Presentation at the FRM 2023: "Effects of optogenetic manipulation of astrocytic and neuronal cAMP on hippocampal synaptic function"

Poster Presentation at the 15th Göttingen Meeting of the German Neuroscience Society: "Psychostimulant-induced neuroinflammation: Clarifying astrocyte-microglia crosstalk under IL-10"

2022

Oral presentation at IJUP 2022 intitled "Psychostimulant induced-neuroinflammation: clarifying the astrocyte-microglia crosstalk under IL-10"

2021

Poster presentation at IJUP 2021 intitled "Psychostimulant induced-neuroinflammation: clarifying the astrocyte-microglia crosstalk under IL-10, an in vitro study"

Attendance at Sociedade Portuguesa de Neurociências (SPN) 2021 Meeting

Attendance at V Symposium of the Portuguese Glial Network

2020

Participation on the Virtual STEMCELL Seminar: Brain Organoids As Disease Models

2019

Participation in the X Jornadas Nacionais de Ciências Biomédicas

2018

Presence in «Signaling Afternoon», organized by the students of Cellular Signaling in Biomedicine of Molecular Biomedicine Master