

Olivia Isabel Almeida Domingos

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RESEARCH INTERESTS

- Neuropsychopharmacology
- Neurodegenerative diseases
- Neuroinflammation and cognition
- Sex differences in neurological disease



EXPERIENCE

IMartins Lab @ Católica Medical School

Lisbon, Portugal

Research Intern and Master Thesis Project

September 2025 – present

- Investigating the role of vascular proteins CD9 and MYLIP in spinal cord injury (SCI), characterizing their association with neurodegenerative biomarkers in both mouse models and human samples across acute to chronic stages. Aiming to integrate molecular, behavioral, and clinical data to assess links between inflammation, cognitive impairment, and injury severity, identifying CD9 and MYLIP as potential therapeutic targets for SCI-related dementia.

CVS Healthcare

Woburn, MA

Pharmacy Technician

January 2024 – January 2025

- Worked alongside pharmacists at CVS pharmacy to safely distribute prescription medication to patients and maintain an organized workflow

De-Sci (Geoff Bocobo, MD)

Remote – Boston, MA

Research Assistant

June 2023-March 2024

- Assisted in development of an article manuscript outlining the increasing role of artificial intelligence in the healthcare setting and science academia

Hartford Hospital

Hartford, CT

Neuroscience Student Research Assistant

January 2022 – May 2022

- Assisted in development of an IRB protocol for a retrospective study on hypertension in patients who suffered ischemic stroke and were treated at Hartford Hospital



EDUCATION

Instituto Superior de Psicologia Aplicada & Universidade Católica Portuguesa

Lisbon, Portugal

Master of Cognitive and Behavioral Neuroscience

September 2024 – Present

Trinity College

Hartford, CT

Bachelor of Science in Neuroscience

September 2020 - May 2024

- Spring 2023 Semester Abroad at University of Cape Town, South Africa



SKILLS & CERTIFICATIONS

- Languages: English (native), Portuguese (fluent), Spanish (intermediate)
- Computer Skills: Microsoft Office, RxConnect, Slate, Google platforms, ImageJ Neuron Tracing, JASP, SnapGene
- Certifications: Massachusetts Board Certified Pharmacy Technician, Teach QPR (Suicide Prevention Training), CITI Laboratory Animal Use Training,



ADDITIONAL SCIENTIFIC TRAINING

4th Edition Hands-on Molecular Tools Course **Lisbon, Portugal**
Hosted by the Champalimaud Foundation (CF) *September 2025*

- Participated in a five-day workshop with the Molecular and Transgenic Tools Platform at CF. Enhanced molecular biology skills through hands-on experience in RNA and DNA extraction, molecular cloning, PCR, primer design, DNA isolation and amplification and sequence analysis

Laboratory Animal Science Course **Lisbon, Portugal**
Hosted by Gulbenkian Institute for Molecular Medicine (GIMM) *October 2025 – December 2025*

- Successfully completed both the CONGENTO Theory Course in Laboratory Animal Science (21 hours) and the Practical Course on Laboratory Animal Science at GIMM (11 hours) meeting Directive 2010/63 requirements for work with rodents. Training covered core and function-specific modules across theory and practice, including ethics and welfare (Three Rs), species-specific biology, advanced husbandry and enrichment, pain and distress recognition, minimally invasive procedures, and humane euthanasia methods.



SCIENCE OUTREACH

Nu Rho Psi - Trinity College Chapter **Hartford, CT**
Co-President *August 2023 – May 2024*

- Coordinate events to engage the Hartford community in neuroscience education and related activities; this year's theme was "Exercise and the Brain"