

	Sónia M. Rodrigues Oliveira, PhD, Auxiliary Professor / Lecturer
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Dr. Sónia M. R. Oliveira is a biomedical researcher and educator with interdisciplinary expertise in human physiology, cancer and reproductive biology, stem cell research, neurophysiology, and biotechnology. She holds a PhD in Human Physiology from the University of Newcastle, Australia (2018) and a Master's degree in Molecular and Cellular Biology from the University of Aveiro, Portugal (2009). Dr. Oliveira also holds formal certification in Research Animal Training from Newcastle (2012).

Dr. Oliveira maintains long-standing collaborations and affiliations with CICECO – Aveiro Institute of Materials in Portugal and with the Hunter Medical Research Institute in Australia. She is actively engaged in international collaborations, working across various scientific fields to advance biomedical technologies and translational research.

Her research encompasses cancer biology, stem cell therapies, phytochemical therapeutics, and biomaterials. She has contributed to over 50 peer-reviewed publications, including high-impact articles on cancer biomarkers, microbial diagnostics, and regenerative medicine. Her recent work involves exploring the therapeutic potential of natural substances in infections and drug delivery systems, making significant strides in the intersection of biotechnology and nanomedicine.

In addition to her research, Dr. Oliveira is a dedicated educator and mentor, supervising students at undergraduate, Master's, and PhD levels. She is an Invited

Auxiliary Professor at the Faculty of Dental Medicine, Universidade Católica Portuguesa (2023–2025), and a part-time Senior Lecturer at the University of Puthisastra, Cambodia. She was honored with a Pedagogical Award from the University of Aveiro as part of a team with an innovative approach to teaching biomedical sciences, reflecting her passion for fostering scientific curiosity and critical thinking in students.

Dr. Oliveira is also committed to science communication. She co-authored a national guide for oncology patients and caregivers, aimed at bridging the gap between cutting-edge research and practical healthcare applications. Her work in public engagement ensures that scientific advancements reach broader audiences and have real-world impact.

As Section Editor for PeerJ, Dr. Oliveira contributes to advancing the peer review process in biomedical science. She is an active participant in editorial roles for multiple high-impact journals.

Dr. Oliveira is affiliated with leading global scientific networks, including the American Association for Cancer Research (AACR), the World Union for Herbal Drug Discovery (WUHeDD), and the Asia Pacific Consortium of Researchers and Educators (APCORE). She continues to engage with scientists, clinicians, and educators internationally, advancing the fields of biology, medicine, biomaterials, and nanotechnology.