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Fátima Macedo has a PhD in Biomedical Sciences (2006), a Master's degree in Immunology (1999) and a first degree in Biology (1996) all conferred by the University of Porto, Portugal. Throughout her doctoral and master's studies, she was a visiting student at Harvard University in Boston and Loyola University in Chicago, USA.

Currently, she is an assistant professor at the Faculty of Medicine and Biomedical Sciences of University of Algarve, Portugal and a researcher at the Algarve Biomedical Center Research Institute (ABC-Ri) from the same University. Previously she served as Invited Professor at University of Aveiro and worked as a researcher at i3S, University of Porto, Portugal.

Fátima Macedo research focuses on Lipid Immunology, particularly the role of

sphingolipids in modulating CD1-restricted T lymphocytes. She investigates how this modulation impacts various Lysosomal Storage Diseases, including sphingolipidoses such as Acid Sphingomyelinase Deficiency, Gaucher disease, and Fabry disease.

She has pioneering work published on the Molecular Genetic and Metabolism Journal, the official journal of the Society for Inherited Metabolic Disorders, as well as in The European Journal of Immunology and Nature Immunology. Fatima Macedo work has received several awards including The Gaucher Generation Award and awards from the Portuguese Society of Metabolic Diseases. ORCID: 0000-0002-2252-6105; SCOPUS:

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