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Earned a Bachelor's degree in Biological Sciences (2017) and a Master's degree in Science from the Interdisciplinary Graduate Program in Applied Biosciences at the Federal University of Triângulo Mineiro (UFTM), Brazil. During his undergraduate studies, he participated in the International Teacher Education Program (PLI), completing the *Licence de Sciences du Vivant et Technologie* (Level 2) at Sorbonne Université (formerly Université Pierre et Marie Curie), France (2015). He worked as an Animal Research Technologist at the Paris Institute of Psychiatry and Neuroscience (2020) and later as a Research Engineer at Oxiproteomics, Créteil, France (2024). He earned his Ph.D. in Biosciences, with an emphasis on Evolutionary Genetics, from São Paulo State University (UNESP) in 2024. He is currently Professor of Biochemistry and Genetics at the Federal University of São Carlos (UFSCar), Brazil, and a Researcher at the Institute of Biosciences, Letters and Exact Sciences (IBILCE), São Paulo State University (UNESP). His research interests encompass Human Genetics, Animal Genetics using *Zaprionus spp.*, Evolutionary and Ecological Genetics of invasive insect pests, the genetic basis of insecticide resistance, genetic diversity, polymorphisms, hemoglobinopathies, and laboratory diagnostics. His current research focuses on the molecular mechanisms underlying the development of malleolar ulcers in patients with sickle cell disease.