

	Bárbara Longhini Gonzalez, PhD Candidate
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Bárbara Longhini Gonzalez is a pharmacist, researcher, lecturer at University Center Ingá (UNINGÁ), and consultant in Health Technology Assessment, currently pursuing a PhD in Pharmaceutical Sciences at the State University of Maringá (UEM), Brazil. She holds a Master's degree in Pharmaceutical Sciences, with research focused on the phytochemical characterization and therapeutic potential of Brazilian medicinal plants, Barbatimão. Her scientific work lies at the interface of natural products research, phytochemistry, analytical chemistry, and translational pharmaceutical science. She investigates bioactive secondary metabolites from medicinal plants, particularly polyphenols and tannins, exploring their chemical profiles and biological activities using advanced analytical approaches, including chromatography, mass spectrometry, and spectroscopic techniques. Her academic and professional interests also include wound healing, inflammatory processes, pharmaceutical development, systematic reviews, and evidence-based evaluation of health technologies. In parallel with her academic activities, she works as a consultant in Health Technology Assessment (HTA), specializing in scientific evidence analysis, evidence synthesis, critical appraisal, and the development of technical-scientific dossiers to support healthcare decision-making. Her work aims to bridge traditional medicinal knowledge, modern pharmaceutical sciences, and translational research, contributing to the development of innovative and evidence-based therapeutic solutions derived from biodiversity, with special emphasis on Brazilian medicinal flora.	