

BIOSKETCH - Rilton Alves de Freitas



Rilton Alves de Freitas currently holds the position of Associate Professor in the Department of Pharmacy at Federal University of Paraná (UFPR). He completed his undergraduate studies in Industrial Pharmacy at the same institution. He received his master's and PhD degrees in Biochemical Sciences (Macromolecular Chemistry) in 2000 and 2003, respectively, at UFPR. In 2008, conducted research activities at Tulane University's Department of Physics in the United States, followed by additional research fellow at the Département Polymères, Colloïdes et Interfaces/PCI at the Institut des Molécules et Matériaux du Mans in France from 2014 to 2015.

Since 2022, Rilton Alves de Freitas has been an integral member of the Technical Thematic Committee of the Brazilian Pharmacopeia. In 2021, he assumed the head of the Graduate Program in Pharmaceutical Sciences (PPGCF-UFPR) and in 2022 the Presidency of the Forum of Coordinators of Postgraduate Programs at UFPR. Additionally, since 2018, he has served as the coordinator of the CAPES-PRINT project titled "Diagnosis, Therapeutics, and Molecular Bases of Chronic and Neglected Diseases" and since 2024 is associated editor of Brazilian Journal of Pharmaceutical Sciences.

Rilton Alves de Freitas research is focused on Physical Chemistry of Colloids, Macromolecules, and Nanotechnology, with a specific focus on Biopolymers and Pickering Emulsions. He has published over 112 scientific articles, edited a book published by Elsevier about Pickering Emulsions, authored 9 book chapters, and 7 patents. He collaborates with industry leaders such as Boticário, Next Chemical, and Suzano, to advancing knowledge and promoting practical applications in chemistry, material, and pharmaceutical sciences.