

Short Biography

Jorge F. B. Pereira earned his **M.Sc.** in Biological Engineering from the University of Minho (Portugal) in 2008, and his PhD in Chemical Engineering from the University



of Aveiro (Portugal) in 2013. Pereira was postdoctoral fellow at The University of Alabama (USA) from 2013-2014, was appointed Assistant Professor in the Department of Bioprocess and Biotechnology at the School of Pharmaceutical Sciences, São Paulo State University (Brazil), from July 2014 to December 2019. Currently, **Pereira is an Associate Professor in the Department of Chemical Engineering at the Faculty of Sciences and Technology, University of Coimbra (UC) (Portugal)**, and serves as Sub-Director of the Department of Chemical Engineering at the UC.

Since 2014, Pereira has been leading his own research team, “BioPPuL – Bioproducts’ Production and Purification Lab”, which is focused on developing biotechnological processes for the production, separation, and purification of added-value bioproducts, such as natural products, biopharmaceuticals, and nutraceuticals. His research primarily uses extraction-based greener technologies, particularly solid-liquid and liquid-liquid extraction processes (e.g., aqueous biphasic systems). In addition, Pereira is an experienced researcher in the fields of ionic liquids and eutectic solvents, process integration and scale-up of separation processes, development of biotechnological processes with emphasis on yeast fermentation, and the study of interactions at molecular level in separation processes.

Pereira coordinate(d)/participate(d) +>17 R&D projects, including a Young Researcher Grant from the São Paulo State Research Foundation (FAPESP), Brazil, which recognized his potential for conducting independent research. He is co-author of >110 refereed journal publications (H factor of 29) and 10 book chapters. Among other awards, Pereira received the Mario Quartin Graça Scientific Award for the best Thesis in Technologies and Natural Sciences. Currently, he is a member of Early Career Editorial Board of Separation and Purification Technology (Elsevier), an editor of two MDPI Journals (Molecules & Compounds) and an editor of the “Revista de Ciências Farmacêuticas Básica e Aplicada”.

Research Interests: Separation Processes, Purification, Extraction, Green chemistry, Biotechnology, Ionic Liquids, Biosolvents, Process Integration, Waste Valorization

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