



Prof. Marco Antonio
Rito-Palomares, PhD

Biography

Director of Research TecSalud, Tecnológico de Monterrey

Professor Marco Rito-Palomares is Full Research Professor of Bioprocess Engineering in the Tecnológico de Monterrey. Doctorate in Chemical Engineering from University of Birmingham.

He is Editor-in-Chief(bio) of Food Bioproducts Processing, as well as editor of Journal of Chemical Technology and Biotechnology, PLOS ONE, and Revista Mexicana de Ingenieria Quimica.

He has published more than 170 scientific publications (articles, book chapters, and books), participated in 280 national and international conferences, and has been granted 16 patents.

His current research efforts are focused on the development of bioengineering strategies for the predictive design of bioseparation systems that can be used for the recovery and purification of protein, aroma compounds, virus like-particles, cells, protein-based colorants, and stem cells.

Particular emphasis is placed on the understanding of the molecular behavior of PEGylated proteins in liquid- liquid extraction systems. He has conducted 28 masters and 17 doctoral theses in Tec de Monterrey programs. Prof. Rito-Palomares is member of multiple organizations, including the Scientific Committee of the International Foundation for Science, American Chemical Society, Society of Chemical Industry, International Society of the Molecular Recognition, the Mexican Academy of Sciences, and the National Researchers Council (Level III).

He has obtained multiple institutional, national and international awards, including: Romulo Garza (2015, 2013, 2005, 2003, 2000), Teaching and Research Award (2010, 2007, 2003, 2000, National Award in Science and Food Technology (2002, 2006), Jubilee Award granted by the Swedish government (2003), and the Visiting Bye-Fellow from Cambridge University (2001). In 2017 he became Dean of Research and Postgraduate Studies at the Tecnológico de Monterrey School of Medicine and Health Sciences, and In 2018 he became Director of Research at TecSalud of Tecnológico de Monterrey.