

Mara G. Freire graduated in Chemistry in 2003 by University of Aveiro, Portugal, and received



the “Best Chemistry Student Award” from Dow Portugal. By the end of 2007 she completed her PhD in Chemical Engineering by University of Aveiro, having during her PhD trainees at Federal University of Rio de Janeiro, Brazil, and Claude Bernard University, Lyon, France. Afterwards, she was a post-doctoral researcher at ITQB2, New University of Lisbon, Portugal. In 2012, Freire was an invited professor at Tiradentes University, Sergipe, Brazil. From 2013

– January 2014, Freire was an Assistant Researcher, and since February 2014 she is a Coordinator Researcher at CICECO (Aveiro Institute of Materials), Chemistry Department, University of Aveiro. Currently, Mara Freire is the Coordinator of Group 5 within CICECO, Biomedical and Biomimetic Materials, and a member of the Cooperation and Scientific Dissemination Committee of the Chemistry Department.

Since 2005, Freire published more than 150 papers in international peer reviewed journals, edited one book, and has over 6000 citations and an h-index of 45. She has published in multidisciplinary high impact journals, namely Chem. Rev., Chem. Soc. Rev., Sci. Rep., Green Chem., ACS Sustainable Chem. Eng., Chem. Eur. J., Phys. Chem. Chem. Phys., Biotechnol. Bioeng., Biotechnol. J., among others. The scientific network of Freire is supported by publications with more than 150 distinct authors with the most diverse affiliations. Freire recurrently acts as a referee of multidisciplinary journals, as well as in international programmes for independent research careers and international projects.

Freire participated as a the principal investigator or team member in 12 research financed projects, and currently is the principal investigator of a Starting Grant from the European Research Council (ERC). In addition to several best poster awards in international conferences, Freire received the ECTP-NETZSCH Young Scientist Award in 2014, was the advisor of the winner MSc thesis in the Industrial and Technology Category in the Future Ideas Thesis Competition in 2014, and the advisor of the best PhD thesis - Mário Quartin Graça Award - in the Technologies and Natural Sciences Category in 2016.

The pedagogical capacity of Freire is supported by recurrent teaching activities of Physical Chemistry, Thermodynamics, and Alternative Solvents Technologies at University of Aveiro. Mara Freire completed the supervision of 30 MSc and 5 PhD theses, and 4 post-doctoral fellows, and is at present supervising 10 PhD and 5 MSc theses, and 10 post-doctoral researchers.

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