

## Summary of the CV

Paula M.T. Ferreira has a PhD in Chemistry and has extensive experience in peptide synthesis and in the preparation of non-proteinogenic amino acids. She is an Associate Professor of Organic Chemistry at the University of Minho. In the last five years, her research work focused on the design and preparation of new supramolecular hydrogels based on dehydropeptides and on synthesis of peptide constructs for medical imaging. In the last five years she is PI of a research project funded by the Portuguese Foundation for Science and Technology on the preparation of hydrogels based on dehydropeptides with catechol moiety (Self-assembled minimalist peptide hydrogels inspired by mussel adhesive proteins for biomedical applications, PTDC/QUI-QOR/29015/2017) and the team leader from University of Minho of a co-development project financed by the Portuguese Agência Nacional de Inovação (ANI) to obtain new imaging biomarkers for the assessment of total chronic coronary occlusions (New imaging biomarkers in the assessment of chronic total coronary occlusions - BioImage2CTO – 39698). She is (co)author of more than 100 international publications on organic chemistry, materials chemistry and medicinal chemistry and is/was the (co)supervisor of 10 PhD thesis with a FCT grant.