

Guillem Revilla-López (Barcelona, 1982) obtained a BSc. degree in Biology (2004) and Biochemistry (2007) at the Universitat de Barcelona. Besides, Dr. Revilla-López holds a MSc. in Industrial Polymers and Biopolymers (2008) and a PhD in Science (Industrial Engineering honors distinction, 2011) obtained at the Chemical Engineering Department of the Universitat Politècnica de Catalunya in the group of Prof. Carlos Alemán working in the computer assisted design of tumor-homing peptides derivatives. After his graduation, he estayed as a postdoctoral researcher at Prof. Alemán's group (2011-2012) working on the computational development of novel smart hybrid biomaterials based on peptide-polymer and nucleic acid-apatites schemes in collaobration with BBraun Surgical S.A. Later on, he moved to the Institut Català d'Investigació Química (IQIQ) as a research associate in the group of Prof. Núria López (2012-2015) working on the theoretical study of the water-catalyst interactions involved in the chemical conversion of raw biomass. In 2015, he joined the group of Prof. Díaz Díaz as a visiting research associate to work on an independently funded project focused on the computer-assisted development of novel gel-based materials and the elucidation of their gelation mechanisms.