



**Dr. M. Isabel Fernández Bachiller.** *Head of the Pilot Plant of Fine Chemistry and Biotechnology Unit.* Degree in Chemistry, Complutense University of Madrid (2000) and PhD in Chemistry Complutense University of Madrid (2006). Marie Curie Post-doctoral contract from 2009-2011 at Leibniz Institut für Molekulare Pharmacology (FMP) Berlin in the group of Prof. Dr. Jörg Rademann. From 2013-2017, Scientific Researcher at the Faculty of Pharmacy of Free University of Berlin (FU), University of Leipzig and FMP working in Medicinal-Chemistry-Biological-Chemistry. Development and implementation of new methodologies for the identification, design and synthesis of peptides and new chemical entities with

therapeutic interest related to high throughput screening (FDBB). Knowledge of different molecular targets involved in cardiovascular diseases (FactorXa), cancer (Caspase3 and p21), Alzheimer's (AChE, BuChE, BACE1) as well as, in diseases caused by the action of pathogens such as viruses (NS2-NS3B West Nile Virus, serin protease of HIV) and bacteria (Toxin-Antitoxin System, épsilon-zeta). Associate Professor in Organic Chemistry at UAH. Teacher in the Interuniversity Master's Degree in Drug Discovery. She has been involved in more than 20 R&D projects financed by public entities and private companies (Art. 83.). Author of scientific journals with high impact index and participation in national and international conferences. Specialist in the synthesis and characterization of peptides, biopolymers and other organic entities, as well as in project management. She was a director of more than 10 TFM's, TFG's and Company practices.