

Manuel Prieto is Full Professor of Instituto Superior Técnico (IST) of Universidade de Lisboa (Portugal), where he obtained the PhD (1981) and Habilitation (1993).

His work is centered in Molecular and Cell Biophysics, namely on the application of state-of-the-art fluorescence methodologies, both at ensemble average level and under the microscope, allowing to retrieve topological and dynamic information. Some of the research interests are related to membrane biophysics such as phase diagrams, detection and study of membrane nanodomains, lipid-protein and lipid-DNA interaction, and amyloid fiber formation. The work (220+ ISI Web of Science publications and 17 book chapters, with over 5000 citations) obtained international recognition and has been presented in invited communications including a significant number of plenary talks.

At IST he was involved in the teaching of Structural Biology, General Chemistry, and Spectroscopy, receiving the award of Excellent Teacher in 2012 and 2013.

Of his previous PhD students (24 supervised/co-supervised), a significant number went into high profile careers such as Full Professors (Universidade de Lisboa), Associate Professors (Universidade de Coimbra, Porto, Lisboa and Madeira), Assistant Professors (Universidade de Lisboa and Coimbra), Assistant Researchers (Universidade de Lisboa, Nova de Lisboa, Vienna, and Prague), scientific edition (Associate Editor, Springer Nature, London; Senior Editor, Spandidos Publications, London), as well as industry (Stevanato Group, Italy).

MP is at the origin of the Portuguese biophysics school and is the founder of the Portuguese Biophysical Society.

Manuel Prieto has been deeply involved in Schools of Biophysics (e.g. Portugal, Spain, France, Italy, UK, Germany, Cuba, Uruguay, Argentina, Brazil) both as organiser and as lecturer, and is “International Mentor” of the Biophysical Society (USA).

MP had a strong involvement in science outreach activities both in Portugal (secondary school presentations to 6000+ students, Chemistry Olympics, European Researchers’ Night), and abroad (Brazil, Uruguay).

Manuel Prieto was the PI or co-PI of a large number of projects, both national (FCT), transnational (Brazil, Canada, Spain), and European (Marie-Curie, COST, EUREKA). MP has also been actively involved in the organization of many congresses (e.g. Portugal, Spain, France, Italy, UK, Germany, USA, Brazil, Argentina, India).

He is member of the Editorial Board of *Biochim. Biophys. Acta* and *Chem. Phys. Lipids* (Elsevier), *Biophys. Rev.* (Springer), *Int. J. Mol. Sciences* (MDPI) and Associate Editor of “*Frontiers in Membrane Physiology and Biophysics*” (Frontiers).

MP has a regular participation as evaluator of international agencies e.g. National Science Foundation (USA), Engineering and Physical Sciences Research Council (UK), Agence Nationale de la Recherche (ANR) (France), Netherlands Organization for Scientific Research, Czech National Foundation, Council of Scientific & Industrial Research (India). At the European level, he has been project evaluator for Marie-Curie and COST actions. Also participated abroad in committees for academic positions and Habilitation and PhD thesis. At the national level, he was member of the Scientific Council for Exact Sciences and Engineering (FCT, Portugal), and is Research Group Coordinator at CQFM (IST, 2013-2019).

MP has a strong record of participation in international scientific organizations, among them: i) Member of the Council of “LAFeBS” (Latin American Federation of Biophysical Societies), ii) Science Europe – Member of the Scientific Committee (Physical, Chemical and Mathematical Sciences, including Materials Sciences (PHYCHEMA), iii) Member of FEBS (Federation of the European Biochemical Societies) Publications Committee (2009-2013), iv) Collaborator of “Initiative for Science in Europe” (2013). In addition, he was Faculty Member of the UNESCO Chair of Biophysics and Molecular Neurobiology (Argentina, 1999-2003), President of EBSA (European Biophysical Societies' Association), and is President-Elect (since 2017) of the major international biophysics organization, IUPAB (International Union of Pure and Applied Biophysics).

He received the following awards: 2005- “Estímulo à Excelência” - FCT (Portugal); 2006- “Prémio União Latina” –Universidade Técnica de Lisboa (Portugal); 2007- “Prémio Científico UTL/ Santander Totta”- Biophysics – Honorary Mention; 2008- “Prémio Científico UTL/ Santander Totta”- Biophysics; 2011- Honorary Member of the Spanish Biophysical Society; 2013-“Distinguished Visitor”-Universidad Nacional de Córdoba, Argentina.