



**Nombre:** Pedro Ramírez López

**Email:** [prlchem@ucm.es](mailto:prlchem@ucm.es)

**Teléfono de contacto:** 913941819

**Posición y cargo:** Profesor Ayudante Doctor.

**Grupo de Investigación:** Miembro del grupo de Biotransformaciones.

**Docencia:** Teoría de Química Orgánica II. Prácticas de Laboratorio: Química Farmacéutica I y II, Química Orgánica I y II y Métodos Experimentales en Síntesis y Caracterización de Fármacos.

**ORCID:** 0000-0003-3255-1176 **Research ID:** M-2793-2014

**Área de conocimiento:** Química Orgánica

**Biography:** I studied Chemistry at the Complutense University of Madrid (BSC, 1998) where I obtained my PhD in “Organic Chemistry” (2003) focused on the study of mechanisms of organic and organometallic reactions under the supervision of Professors Miguel Ángel Sierra and Mar Gómez-Gallego. After one year as a Postdoctoral Research Associate in Prof Miguel Ángel Sierra group (2004) working on the development of new iron chelating agents based on amino acids for agronomical uses I moved abroad. I joined Prof Pavel Kocovský group (2004-2006, University of Glasgow) as a Postdoctoral Fellow to work on the development of new metal-free organocatalytic procedures. Back to Madrid I obtained a “Juan de la Cierva” research contract (2007-2009, CSIC) and a JAEdoc-CSIC-contract (2010-2012, CSIC) to join Dr Carmen de la Torre group and to collaborate with Prof Sierra group in the search for new methodologies for the synthesis of natural product hybrids and bio-organometallic compounds. After this period I moved to Seville (2012-2017) to work as a researcher in Fernández-Lassaletta group where I was involved in different projects focused on the development of new asymmetric transition metal-catalysed cross coupling reactions. Finally, after a one-year stay in Dr Javier Rojo group (2018-2019, Seville, CSIC) working on the development of new glycodendritic structures as tools in Biological Chemistry I obtained an Assistant Professor position (PAD) in the Department of Chemistry in Pharmaceutical Sciences of the Faculty of Pharmacy (UCM). I have recently joined Prof María José Hernáiz Biotransformations Group at the Organic and Pharmaceutical Chemistry Department (January 2020). I am author of more than 35 papers in leading journals, patents and chapter books and I have also supervised two PhD Thesis and two Master Thesis. I have obtained the Spanish I3 certification and the positive evaluation (ANECA) for promotion to Associate Professor (PCD).

**Research Interest:** Asymmetric Transition-Metal Catalysis, Organocatalysis, Organic Chemistry, Natural Product Hybrids, Diversity-Oriented Synthesis, Glicodendritic tools, Green Chemistry.