

## ABOUT US

After graduating in the Complutense University (1992-1997), I became very acquainted with fetal and adult hepatocyte isolation and transplantation as an alternative to orthotopic liver transplant in liver-based inborn errors of metabolism, such as the Crigler-Najjar syndrome type I. This constituted not only my M.Sc. (2000) but also my PhD (2004) under the Supervision of Drs Rosa M. Arahuetes and Paloma Maganto.

My postdoctoral experience began at Trinity College Dublin (Ireland) in Anatomy and Physiology under the Supervision of Prof. Gabrielle McKee. Later, I joined Dr. Natalia Nieto's lab, in the Division of Liver Diseases at Mount Sinai School of Medicine headed by Prof. Scott Friedman where I investigated the pathophysiology of alcohol-induced liver fibrosis. In 2009, I joined the research group headed by Prof. Trautwein to understand the functional relevance of cell-type specific signaling pathways in animal models of liver injury.

Since 2016 I returned to the Complutense University where I intend to use my expertise in liver disease to identifying strategies and develop interventions to limit acute and chronic inflammation. For this purpose, the Department of Immunology is an excellent place with a great atmosphere, well-equipped with more than 800 m<sup>2</sup> of laboratories and has access to local state-of-the-art [facilities](#), to [Research Support Centers](#) in the campus (Genomics, Proteomics, Cytometry, Animal Housing and Microscopy Facilities), and to a local and central [Library](#), thus allowing Researchers to perform highly competitive research. In addition, Madrid offers an excellent basic scientific interaction environment with top research centers such as the National Center for Cardiovascular Research (CNIC), the National Center for Oncology (CNIO), the National Center for Biotechnology (CNB) or the Center for Biological Research (CIB, located within the campus). Moreover, we actively collaborate with the Immunology Departments of all main Hospitals in Madrid including the Hospital Clínico, La Paz, 12 de Octubre, Jiménez-Díaz, Gregorio Marañón, Gómez Ulla, Niño Jesús, Ramón y Cajal and Carlos III).