

Pablo Alcón, PhD

CV

Pablo Alcón obtained Bachelor's degrees in Biology and Biochemistry from the Universities of Extremadura and Salamanca. Pablo then obtained a Master's degree in Cancer Biology and Clinics, working in the group of Dr. José M. de Pereda at the Salamanca Cancer Research Center (CIC), where he learned to apply structural and molecular biology techniques to study the molecular mechanisms of disease. He then joined the group of Prof. Dr. Guillermo Montoya, first at the Spanish National Cancer Research Center (CNIO) and later on at The Novo Nordisk Foundation Center for Protein Research (NNF-CPR) at the University of Copenhagen for his PhD. His graduate research focused on the study of chromatin recognition and the structural dissection of CRISPR-Cas complexes. His PhD was obtained in 2017, being recognized with the Danscatt Prize for the best PhD thesis. In 2018, Pablo joined the group of Dr. Lori A. Passmore at the Medical Research Council Laboratory of Molecular Biology (MRC-LMB) in Cambridge (United Kingdom). For his postdoctoral work he has been awarded a Long Term Fellowship by the European Molecular Biology Organisation (EMBO). In the Passmore Lab, Pablo applies an integrative structural biology approach that combines electron cryo-microscopy (cryoEM), biochemistry, mass spectrometry and single-molecule techniques to study the molecular mechanisms underlying DNA repair, with a particular interest in the Fanconi Anemia pathway.