



**CICA**  
CENTRO DE INVESTIGACIONES  
CIENTÍFICAS AVANZADAS



UNIVERSIDADE DA CORUÑA

*"Precious metals  
and allenes: from  
divergent systems  
to bimetallic  
catalysis"*



# Paz Muñoz Herranz

Senior Lecturer in Organic Chemistry  
University of East Anglia

Dr. Paz Muñoz Herranz studied Chemistry at the Universidad Autónoma de Madrid until June 1999, when she finished her Master in Chemistry (Organic Chemistry). In July 2001 she obtained her Diploma Thesis at the same University under the supervision of Prof. Antonio M. Echavarren, and then carried out her Ph.D. in Chemistry in the same group. She did a postdoc in Bristol in the group of Prof. Lloyd-Jones where she held the positions of Research Assistant, Post-Doctoral Fellow and, finally, Research Associate. In May 2009, Dr. Muñoz returned to Madrid, Spain, with a Ramón y Cajal Award to work at the Instituto de Química Orgánica General (IQOG-CSIC), where she started her research into the discovery of new

platinum-catalysed reactions of allenes. She joined the University of East Anglia as Lecturer in Chemistry from September 2011 and was promoted to Senior Lecturer in 2017. Paz is an organic chemist with particular interest in the discovery and development of new organic and organometallic reactions, the use of physical-organic-inorganic chemistry knowledge to study the mechanisms involved, in particular using isotopic labelling, kinetics and NMR techniques, and the application of the knowledge acquired to the synthesis of small organic and organometallic molecules with applications in diverse areas, from advances in synthetic methodologies to medicinal chemistry, drug discovery and more recently marine

science. Her current research involves the discovery and development of novel transition metal-catalysed reactions of allenes, including: platinum- and gold-catalysed addition of nucleophiles to allenes; metal-catalysed reaction of polyallenic systems; synthesis of metal complex with allenic ligands for catalysis and as metallodrugs; mechanistic studies on metal-catalysed reactions of allenes; and development of new methodologies involving heterobimetallic catalysis. Her group is also working on the development of novel fluorescent probes with application in marine science in collaboration with groups in the School of Environmental Sciences at UEA.

**Mércores, 26 de xuño de 2019. 11:30h**

**Salón de actos do CICA**

**(Centro de Investigacións Científicas Avanzadas)**

**As Carballeiras, s/n. Campus de Elviña**

*Entregarase certificado de asistencia a quen o solicite*

