

Challenges in Chemical Synthesis 2025

Paraninfo, Faculty of Science and Technology. November 21st



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09.10–09.15 h	Opening
09.15–10.00 h	Prof. Alexandr Shafir (Intituto de Química Avanzada de Cataluña-CSIC) <i>Polar π-stacking as regiochemistry control factor in iodane-guided C–H coupling</i>
Chair: Prof. U. Uria	
10.00–10.30 h	Dr. Eduardo Sánchez (CIC energiGUNE) <i>The Role of Organic Chemistry in Electrochemical Energy Storage</i>
10.30–10.40 h	M.Sc. María Payá-García (CIC bioGUNE) <i>Unveiling the Dual Mode of Glycosaminoglycan-Mediated Recognition in CD44 via NMR</i>
10.40–10.50 h	M.Sc. Anton Igartua (Dept. Organic and Inorganic Chemistry UPV/EHU) <i>Enantioselective Beckmann and Stieglitz rearrangements: Chiral Brønsted acid catalyzed ring expansions of cyclobutanes</i>
10.50–11.00 h	M.Sc. Noelia Soto Gomez (Inst. Biofisika CSIC-UPV/EHU) <i>Structural responsiveness of fluorinated pegylated Au nanoparticles in the presence of serum proteins</i>
11.00–12.00 h	Coffe Break
12.00–12.45 h	Prof. Fabio Juliá (Universidad de Murcia) <i>Photoactivated Iron Catalysis: Sustainable Synthetic Methods Enabled by Light</i>
Chair: Prof. A. Carral	
12.45–13.30 h	Prof. Olga García Mancheño (Universität Münster, Germany) <i>Anion-Binding and Photo Catalysis@Heart</i>
Chair: Prof. L. Prieto	
13.30–13.40 h	M.Sc. María Gómez Martínez (CIC biomaGUNE) <i>Imaging Dopaminergic Alterations in a Mouse Model of Schizophrenia via PET</i>
13.40–13.50 h	M.Sc. Milena Bartolini (CIC bioGUNE) <i>Fluorinated Galectins for Monitoring Glycan Recognition in Complex Environments</i>
13.50–13.55 h	Closing