

Postdoctoral Position in Organometallic Chemistry

We seek a talented Postdoctoral researcher to work in
Cooperative Bimetallic Catalysis

RESEARCH TOPIC

The group of [Dr. Martín Fañanás-Mastral](#) offers a Postdoctoral position within the field of Organometallic Catalysis and Organic Synthesis.

The general goal of our research program is to discover new synthetic avenues for the development of **sustainable** and **atom-efficient C-C bond forming** reactions and its application in the **synthesis of highly-valuable compounds**.



The applicant will work on the development of novel **metal-catalyzed reactions** with the aim to develop synthetic methodologies based on the use of readily accessible materials and the minimization of waste production. We will mainly explore methods involving **cooperative bimetallic catalysis**.

MAIN REFERENCES

- Synergistic Copper/Palladium Catalysis for the Regio- and Stereoselective Synthesis of Borylated Skipped Dienes. *ACS Catal.* **2017**, *7*, 5340–5344.
- Copper(I)-Catalyzed Tandem Carboarylation/Cyclization of Alkynyl Phosphonates with Diaryliodonium Salts. *ACS Catal.* **2017**, *7*, 6104–6109.

REQUIREMENTS

- We seek outstanding individuals with initiative, creativity and team-working ability, with PhD in Organic or Inorganic Chemistry and training in synthesis and organometallic chemistry.
- High quality publications will be highly considered. Good communication skills and proficiency in written and spoken English are essential.
- Hold a PhD degree obtained inside the EU (or provide a homologated certificate).

STARTING DATE AND TERM

The position is available starting from December 2017 / January 2018 for a fixed-term of 1 year, with the possibility of extension.

DEADLINE

Closing date for applications is October 15th, 2017, 23h59 CET (UCT + 01:00).

APPLICATIONS

Applicants must fill out the [Online application form](#), providing all the required data and documents. They will receive an automatic acknowledgement of receipt, and the final decision will be communicated via e-mail before the end of October. In case of any problems concerning this application, please contact us by mail (ciqus.jobs@usc.es) indicating in the subject "BIMECAT-01".