

Postdoctoral Position in Synthetic Organic Chemistry

What do we offer?

The CATIA research group at Universidad Autónoma de Madrid offers a postdoctoral position of 3 years to work in areas related to total synthesis and development of new catalytic methods with applications to the synthesis of new therapeutic agents against Alzheimer's disease. The project is funded under the '**Ayudas a programas de actividades de I+D en Salud 2025**' program (reference SYNREPAIR-AD-CM).

Where will you work?

The postdoctoral candidate will join the Catalysis and Artificial Intelligence group (CATIA) located at the Organic Chemistry Department (Autonomous University of Madrid) under the direct supervision of Dr. Javier Corpas.

What will you do?

We are looking for a passionate postdoctoral candidate with a strong background in organic synthesis and development of catalytic methods by using organometallics and photocatalysis. The candidate will be in charge of proposing retrosynthetic analysis for the targeted compounds, and their potential application at the laboratory scale. This includes the synthesis of starting materials, optimization of catalytic methodologies and analysis of chemical compounds using standard analytical methods, as well as literature search in the field.

Tentative starting date: 01/01/2027

Specific requirements for this position:

- *PhD in organic chemistry.*
- *Background in synthesis of organic molecules of medium/high complexity and organometallic catalysis (Schlenk techniques). Knowledge in photocatalysis is desirable.*
- *Experience in the application of standard analytical methods for the analysis of organic molecules (including NMR, mass spectrometry, HPLC).*
- *Good level of English.*

Where should you apply?

Please, submit your application directly to Dr. Javier Corpas at **javier.corpas@uam.es** until November 30th 2026. Only shortlisted candidates will be contacted. Please, make sure your application contains:

- *CV of the postdoctoral candidate & list of publications*
- *Letter of motivation*
- *Contact details of two referees*
- *Official transcripts of records of your BSc and MSc degrees.*