

## Postdoc Position Available at the Functional Inorganic Materials team

The candidate will oversee the valorisation of the patented technologies developed by the Functional Inorganic Materials team ([www.icmol.es/funimat](http://www.icmol.es/funimat)) at the Institute of Molecular Science (ICMol) at the Universidad de Valencia for the development of innovative textile fabrics. The position is funded by the Agencia Valenciana de la Innovación in the frame of the project:

### ***Innovative technical fabrics for personal protective equipment with enhanced activity against organophosphoesters***

#### Job Description/ Why We're Hiring

We're looking for a leading profile who will take a key role in our research team. The candidate will be responsible for the technical development of the product, and for overseeing all technical aspects required for upscaling the production of porous materials. Initially, the mission will be to synthesise MOFs in a baby pilot by using a proprietary technology. In later stages, the work will be related to the design, optimization, and implementation of the final products, as well as all the technical work directed to the acceptance of the product by industrial partners.

For this, we are seeking a person willing to lead an innovative and ambitious R&D project, with the enough passion, energy, and motivation to transform and export some of our patented technologies to the industrial sector.

#### Responsibilities:

- Conduct research to improve technological assets.
- Discover and implement new technologies that yield competitive business models.
- Develop technical aspects of the technology to ensure alignment with potential business goals.
- Communicate and present technological issues to industrial partners and technological centres.
- Identify technological trends and implement changes to existing technology.

#### Requirements and Expertise:

- Applicants must have a PhD in Chemistry, Chemical Engineering or equivalent with sufficiently proven research experience in synthesis of inorganic materials in baby pilot. Previous experience in the industrial sector is also recommendable. The candidate will be working in a dynamic environment with key focus on the high-scale synthesis of porous inorganic materials.
- Strong oral and written communication skills in English are a must (shortlisted candidates will be interviewed over the phone before appointment). The applicant is expected to demonstrate leading capabilities to supervise and manage co-workers and report writing.
- Ability to conduct technological analyses and research.

**Abilities:**

- Understanding of budgets and business-planning.
- Ability to think and act strategically and proactively.
- Problem-solving aptitude.
- Perseverance, resilience, and high degree of self-motivation.
- Product and customer centric vision.

If you are interested in participating in the hiring process, applications should be **addressed to Carlos Martí-Gastaldo** ([funimatapplications@gmail.com](mailto:funimatapplications@gmail.com)) and sent via email in a single PDF file including your curriculum vitae, academic record and professional experience by the **30<sup>th</sup> of September**.

Applications will be considered as received. Please note that because of the large number of applications expected we will not be able to give individual feedback to unsuccessful applications. Your application will be treated confidentially. Shortlisted candidates will be interviewed remotely before appointment.