



## Hosting offer for Marie Skłodowska-Curie Postdoctoral Fellowships (PF) 2022 at University of Cyprus / Department of Chemistry

MSCA Postdoctoral Fellowships are individual research grants offering excellent postdoctoral researchers the chance to develop their skills by means of international mobility. Through the implementation of an original and personalised research project, MSCA Postdoctoral Fellowships aim to foster excellence through training and mobility and to equip researchers with new skills and competences in order to identify solutions to current and future challenges.

University of Cyprus / Department of Chemistry invites motivated postdoctoral researchers to jointly prepare an application for the MSCA-PF-2022 call Marie Skłodowska-Curie Postdoctoral Fellowships call (MSCA-PF-2022) with them as host organisation.

### **Description of Hosting organisation/group**

Applying methods of computational chemistry to explore and possibly understand phenomena related to molecular species of “small” size.

<https://www.ucy.ac.cy/dir/el/component/comprofiler/userprofile/athan> Link to the webpage of the host group/host center

### **Topics/expertise**

Candidates with an interest in the interpretation of ab initio and DFT type calculations (“numbers”) in order to verify existing conceptual models (with a remote possibility to develop a new one) for the “behavior” of “small”-size molecular entities. Ability to design computational “experiments” to aid the interpretation is considered a “+”.

### **Your profile**

Same as above. (Candidates with an interest in the interpretation of ab initio and DFT type calculations (“numbers”) in order to verify existing conceptual models (with a remote possibility to develop a new one) for the “behavior” of “small”-size molecular entities. Ability to design computational “experiments” to aid the interpretation is considered a “+”.

- A “solid” undergraduate-level knowledge of physical chemistry (thermodynamics, quantum chemistry), basic organic chemistry (mechanisms, conformations) and general inorganic. Ability to search the chemical literature and identify relevant papers/articles/review on a given topic. Very good “working knowledge” of English. (Knowledge of another language will be considered a ‘+’, of Greek a ‘++’). A good sense of humor will be appreciated.
- You must have a completed PhD at the time of the call deadline (14 September 2022).
- Candidates must have a maximum of 8 years full-time research experience from the PhD award date until September 14, 2022. Periods of inactivity in research (e.g. unemployment, periods of employment outside research, parental or sick leave) do not count towards the time of research experience.

- For European fellowships, candidates can be of any nationality and must not have resided or carried out their main activity (work, studies, etc.) in Cyprus for more than 12 months in the 36 months immediately before September 14, 2022.
- Highly motivated candidate with an excellent research track record appropriate to career stage, as evidenced by academic publications and other scientific output.

#### **What we offer**

- Support and guidance for the preparation of your MSCA PF proposal
- A stimulating, interdisciplinary environment for high-level research.

#### **How to apply?**

Indicate your interest by contacting the host institution as follows:

Please contact [athan@ucy.ac.cy](mailto:athan@ucy.ac.cy) by email with a short CV and motivation to indicate your interest to prepare a MSCA-PF application.

After the supervisor agrees to support you as a MSCA-PF candidate, you can start preparation of MSCA PF project proposal and will be supported further by the Research Support Office of the host university.

For more information please contact the MSCA coordinator of the host institution: [rss@ucy.ac.cy](mailto:rss@ucy.ac.cy)