



Call for Expression of Interest  
Marie Skłodowska-Curie Postdoctoral Fellowship  
(HORIZON-MSCA-2024-PF-01-01)

The University of Malta (UM) is interested in hosting Marie Skłodowska-Curie Action fellows to work in its research teams and welcomes expressions of interest from excellent post-doctoral researchers to apply for the Postdoctoral Fellowship call.

University of Malta (UM) is the sole public and highest teaching institution in Malta, with its structures being in line with the Bologna Process and the European Higher Education area. UM has a 400-year history and there are over 11,500 students including 1,000 foreign/exchange students from nearly 92 different countries, following fulltime or part-time degree and diploma courses. Around 3,500 students graduate each year. UM is comprised of 14 Faculties and several other campuses: at Valletta, Marsaxlokk and Gozo. As of 2020, the UM employed a total of 2,848 employees including academics, administrative, technical and industrial staff (1,885 on a full-time basis and 963 on a part-time basis). Over the past ten years, the UM has been involved as coordinator and partner in numerous EU-funded projects under various Programmes including Horizon Europe, Horizon 2020, FP7, Erasmus+, Lifelong Learning Programme, INTERREG, National Funding and various other international and national programmes and initiatives. The UM is also represented in a number of European and International University networks and groups.

[Faculty of Science](#)

[Department of Chemistry](#)

The Department of Chemistry at the University of Malta has some cutting-edge instrumentation, that provide excellent facilities to our staff and students in research as well as offer services to industry and laboratories. The pride of place in our department is the 500 MHz multi-nuclear NMR facility. Our department also has XRD instruments, a UPLC-MSMS, an energy dispersive XRF, a ICP-OES, and a Zetasizer as key instrumentation. Purchase of these facilities was made possible through partial funding from the European Union's European Regional Development Fund.

**The project idea is about the preparation and use of solid supported reagents and heterogeneous catalysts or other eco-friendly procedures related to green chemistry aimed to the formation of new C-C and C-Heteroatom bonds; development of new one-pot and multicomponent reactions; synthesis in unconventional media**

*Research Field:* Chemistry (CHE)  
*Keywords:* green chemistry; organic synthesis;  
heterogeneous catalysis; multicomponent  
reactions, Microgrids, Electrification of  
Transport.

The scientific interest of Prof. Bosica is mainly dedicated to organic synthesis, with particular attention to the field of eco-friendly processes.



L-Università  
ta' Malta

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The selected candidates will receive dedicated support from the supervisor [Prof. Giovanna Bosica](#) and the Research Support Services Directorate to write a successful proposal and submission.

Interested candidates must be in possession of a doctoral degree with not more than 8 years post PhD research experience and must not have resided in Malta for more than 12 the past during the past 3 years. Furthermore, their research interests should be relevant to the above project. Kindly send a covering letter and CV to the corresponding supervisor, [Prof. Giovanna Bosica](#), keeping in copy [funding.rssid@um.edu.mt](mailto:funding.rssid@um.edu.mt) with 'MSCA-PF-2024 *'candidate name'*' as the email subject by **24 May 2024**.