



Call for Expression of Interest  
Marie Skłodowska-Curie Postdoctoral Fellowship  
(HORIZON-MSCA-2026-PF-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 co-develop an application with an academic from UM for the Postdoctoral Fellowship call in 2026.

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 over a 400-year history and hosts around 12,500 students including 1,700 foreign/exchange students from over 100 different countries, following fulltime or part-time degree and diploma courses. During the last 20 years, the UM was involved as project coordinator and project partner in 790 EU-funded projects, through various funding channels. These include Horizon Europe (51 projects), Horizon 2020 (77 projects), FP7 (51 projects), Erasmus+ (172 projects), Lifelong Learning Programme (123 projects), INTERREG EU, NEXT Med, and ITALIA-MALTA (69 projects). The UM is also involved in national funding programmes, other international initiatives and is even represented in several European and International University networks and groups.

[Centre for Molecular Medicine & Biobanking](#)

**The Motor Neuron Disease Research Group is committed to unraveling the complex molecular and cellular mechanisms underlying amyotrophic lateral sclerosis (ALS) and accelerating the translation of these discoveries into transformative therapies. By integrating cutting-edge pre-clinical models with comprehensive clinical research, we strive to bridge the critical gap between fundamental science and therapeutic innovation, ultimately improving outcomes and quality of life for individuals affected by ALS.**

**The project aims to identify novel genetic risk factors and molecular biomarkers for amyotrophic lateral sclerosis (ALS) through the integrative application of multi-omics approaches, including genomics, transcriptomics, proteomics, and metabolomics. Leveraging advanced bioinformatics pipelines—such as genome-wide association studies (GWAS), network-based analyses, and complementary data-mining and filtering strategies—we will systematically interrogate large-scale datasets to uncover disease-associated variants, dysregulated gene expression patterns, altered protein networks, and perturbed metabolic pathways. Elucidation of these multi-layered molecular signatures will deepen our understanding of ALS pathoetiology, enable earlier and more precise diagnosis, and provide a robust foundation for the development of novel, mechanism-driven therapeutic interventions.**

*Research Field:* Life Sciences (LIF)

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<i>Keywords:</i>	<i>Motor Neuron Disease</i>	<i>Clinical Research</i>	<i>Neurodegenerative Disorders</i>
<i>Proteomics</i>	<i>Amyotrophic Lateral Sclerosis (ALS)</i>	<i>Translational Research</i>	<i>Biomarker Discovery</i>
<i>Metabolomics</i>	<i>Molecular Mechanisms</i>	<i>Bioinformatics</i>	<i>Drug Development</i>
<i>Disease Pathogenesis</i>	<i>Cellular Mechanisms</i>	<i>Genomics</i>	<i>ALS Therapy</i>
<i>Treatment Development</i>	<i>Therapeutic Innovation</i>	<i>Transcriptomics</i>	<i>Translational Research</i>
	<i>Pre-clinical Models</i>		

The selected candidates will receive dedicated support from the supervisor, [Prof. Ruben Cauchi](#) 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 months during the past 3 years. Furthermore, their research interests should be relevant to the above project.

Kindly send a covering letter and CV corresponding to: [Prof. Ruben Cauchi](#) keeping in copy [funding.rssid@um.edu.mt](mailto:funding.rssid@um.edu.mt) with 'MSCA-PF-2026 candidate name' as the email subject by **19 May 2026**.