

“Expression of Interest” for hosting Marie Skłodowska-Curie Postdoctoral Fellowships in Germany

Institutions interested in hosting postdoctoral fellows within the Marie Skłodowska-Curie Postdoctoral Fellowships programme should use this template. Host institutions should be located in Germany.

1. Valid for the following MSCA-PF Call¹:

Please tick:

2021

2022

2. Interested host institution:

Technical University of Darmstadt

3. Institute/Department:

Conformation-Sensitive Mass Spectrometry Laboratory
Department of Chemistry
Alarich-Weiss-Straße 4
64287 Darmstadt
Germany

Website: <https://www.chemie.tu-darmstadt.de/lermyte>

4. Contact person (name and e-mail address):

Prof. Dr. Frederik Lermyte

frederik.lermyte@tu-darmstadt.de

5. Project idea/position (scientific requirements, topic, discipline):

Understanding biological processes, including health and disease, requires knowledge of protein structures. Mass spectrometry has evolved to the point where it is a nearly universally applicable technique that can provide significant structural information about challenging proteins, including ones that have proven insufficiently addressable with more conventional structural biology methods. In our laboratory, we work on both fundamental and applied aspects of mass spectrometry-based structural biology. We develop advanced mass spectrometry methods for proteins and other biomolecules, and also apply them to drug discovery and biotechnology, often through collaborations with local, national, and international partners.

¹ MSCA Postdoctoral Fellowships are selected on the basis of annual calls for proposals. Forthcoming and open calls for proposals can be found on the [Funding & tender opportunities Portal](#) of the European Commission.

Template - Marie Skłodowska-Curie Postdoctoral Fellowships in Germany

Please tick:

- Life Sciences
- Natural Sciences
- Engineering Sciences
- Social Sciences and Humanities