

"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:

Kiel University and University Hospital Schleswig-Holstein, Kiel, Germany
Secondment: Umeå University, Umeå, Sweden

Name of EU liaison officer (EU-Referent/in), if applicable: Scarlett Sett and Linda Pialek, Kiel University, euoffice@uv.uni-kiel.de

3. Institute/Department:

Institute of Clinical Molecular Biology / Research Group Infection Oncology
Website (Hyperlink): <https://www.ikmb.uni-kiel.de/>

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

Primary supervisor: Prof. Dr. Thomas F. Meyer, t.meyer@ikmb.uni-kiel.de
Secondary supervisor: Assistant Prof. Dr. Saskia F. Erttmann, saskia.erttmann@umu.se
Correspondence: Dr. Kfir Lapid, k.lapid@ikmb.uni-kiel.de

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

Rough outline of idea/position:

The role of chronic bacterial infections in human carcinogenesis has recently become a focus of front-line research in molecular biology and biomedicine. One of the key questions relates to causality and the mechanistic basis of such infections in human cancer. The postdoc candidate will participate in either of our laboratory's two pioneering research projects: (1) The intriguing features of pre-neoplastic cancer-driving mutations in anti-microbial defense – as seen in gastric intestinal metaplasia in response to chronic *H. pylori* infections. (2) The identification of characteristic genetic signatures of carcinogenic bacteria as a means to define the origin of distinct human

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.

cancers – as evidenced for the colibactin signature in human colon cancer. Our strong publication record, recently and over the past years, provides evidence for a fruitful and supportive research environment. [https://pubmed.ncbi.nlm.nih.gov/?term="meyer+tf"](https://pubmed.ncbi.nlm.nih.gov/?term=meyer+tf)

Please tick:

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