

Marie Skłodowska-Curie PostDoc Positions in Germany

“Expression of Interest” for hosting Fellows

This template should be used by institutions interested in hosting postdoctoral fellows within the Marie Skłodowska-Curie Individual Fellowship programme. Host institutions should be located in Germany.

1. Valid for the following MSCA-IF Calls¹:

<input type="checkbox"/> 2018	<input checked="" type="checkbox"/> 2019	<input type="checkbox"/> 2020
-------------------------------	--	-------------------------------

2. Interested host institution:

Ricarda Blumentritt

International Office Georg-August-Universität Göttingen
Von-Siebold-Strasse 2, 37075 Goettingen, Germany

Name of EU liaison officer (EU-Referent/in), if applicable:

3. Institute/Department:

University of Goettingen
Institute of Microbiology and Genetics
Department of Molecular Genetics
Griesebachstr. 8
37077 Goettingen

Website (Hyperlink): <https://www.google.com/search?client=firefox-b&q=krebber+homepage>

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

Prof. Dr. Heike Krebber
heike.krebber@biologie.uni-goettingen.de

¹ MSCA Individual Fellowships are selected on the basis of annual calls for proposals. Forthcoming and open calls for proposals can be found on the [Participant Portal](#) of the European Commission under “Funding Opportunities” and “Calls/H2020”.

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

Rough outline of idea/position:

Diseases like cancer and neurodegenerative diseases are generated by faulty mRNAs. We are studying pre-mRNA processing and the underlying RNA quality control. We have discovered a group of proteins, the guard proteins that play a central role in the nuclear RNA surveillance. Their absence leads to the unhindered export of faulty transcripts into the cytoplasm, where these RNAs can be translated. We are investigating the function of the guard proteins and the mechanisms of RNA quality control. Interestingly, we found that the guard proteins not only bind to mRNAs, but also to noncoding (nc) RNAs. This project would address one aspect of the RNA surveillance topic that the interested person could determine after discussion with me.

Suggested publications to this topic:

Zander, G. and Krebber, H. (2017) **RNA Biology**, 14:1-7

Zander, G., Hackmann, A., Bender, L., Becker, D., Lingner, T., Salinas, G. and Krebber, H. (2016) **Nature**, 540: 593-596

Hackmann A., Wu H., Schneider UM., Meyer K., Jung K. and Krebber H. (2014) **Nature Communications** 5:3123

We provide an interdisciplinary environment with great team spirit and are looking for a motivated person with an excellent publication record.

Please tick:

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

6. Deadline² for considering interests by postdoctoral applicants:

no deadline

² Please consider that the preparation of a Marie Skłodowska-Curie proposal requires some time. Fellow and supervisor have to agree on a project and training opportunities for the fellow.