“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 Call**: 

   Please tick:
   
   X 2021
   X 2022

2. **Interested host institution:**

   Freie Universität Berlin

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

3. **Institute/Department:**

   Institute for Biology
   Human biology

   Website (Hyperlink): http://www.nowick-lab.info

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

   Prof. Dr. Katja Nowick
   katja.nowick@fu-berlin.de

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

   Rough outline of idea/position:

   We are interested in molecular and functional changes during human evolution with a special emphasis on changes in the nervous system. We perform experimental as well as computational work, and the candidate could pick a project of her/his interest. In the wetlab we are using induced pluripotent stem cells from different primates to investigate transcription factor genes that have recently changed during human evolution. Combining CRISPR/Cas9 technology with RNA-Seq and ChIP-Seq we aim to identify human specific target genes of such transcription factors. On the computational side we analyze Next Generation Sequencing data from different primates and human individuals.

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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.
with cognitive disorders. Here the focus is on differences in gene regulatory factors (e.g. transcription factors, histone modifying enzymes, non-coding RNAs) and their networks to test whether there is a causal link between evolutionary changes and vulnerability to cognitive disorders.

Please tick:
X Life Sciences
☐ Natural Sciences
☐ Engineering Sciences
☐ Social Sciences and Humanities