

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 checked="" type="checkbox"/> 2020
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2. Interested host institution:

Freie Universität Berlin

Claudia Niggebruegge

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

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:

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 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:

Life Sciences

Natural Sciences

Engineering Sciences

Social Sciences and Humanities

6. Deadline² for considering interests by postdoctoral applicants:

July 9th 2018

July 9th 2019

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.