

Marie Skłodowska-Curie Post-doc Positions in Germany

“Expression of Interest” for hosting Fellows

This template should be used by institutions interested in hosting post-doctoral 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"/> 2017	x <input type="checkbox"/> 2019
x <input type="checkbox"/> 2018	x <input type="checkbox"/> 2020

2. Interested host institution:

Prof. Dr. Anja U. Bräuer
Molecular Neurobiology Research Group

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

Mrs Dörte Dannemann

Tel: +49(0)441/ 798-4764

doerte.dannemann@uni-oldenburg.de

<http://www.uni-oldenburg.de/forschungsfoerderung/internationale-foerderung/eu-buero/projektmanagement/>

3. Institute/Department:

Fakultät für Medizin und Gesundheitswissenschaften
Carl von Ossietzky Universität Oldenburg
Department für Humanmedizin
Abteilung Anatomie
Carl-von-Ossietzky Str. 9-11
26129 Oldenburg

Website (Hyperlink): in progress

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

Prof. Dr. Anja U. Bräuer

anja.braeuer@uni-oldenburg.de

Mobilphone: 01718793127

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:

My main research activities are in the areas of molecular and cellular neurobiology and neuroanatomy. The research focuses on identifying molecular mechanisms during brain development and regeneration after brain injury in adults. Specifically, I focus on the characterization of the phosphate-phospholipidmodifying proteins and their function on neuronal processes under physiological and pathophysiological conditions. In addition, I analyze phospholipid profiles in the extracellular matrix, as well as regulation during brain development and after neurotrauma in adults. As a basic scientist I try to identify neuronal processes on different levels, from the molecular and cellular levels to the whole organism. My goal is to develop a better understanding of physiological neuronal processes, as well as to characterize pathophysiological mechanisms. My research is grounded in a strong interaction with other basic science disciplines such as physiology and biochemistry, as well as ongoing cooperation's with clinical institutes, including the neurology and pathology clinics.

Research projects:

Functional analyses of phospholipids in the neuronal network

Signaling transduction analyses during axonal outgrowth

Molecular mechanisms during cortical development

Influence of phospholipids on glial cells

Phospholipid profile analyses

Please tick:

(according to [scientific subject areas](#), defined by the German Research Foundation)

Life Sciences

Natural Sciences

Engineering Sciences

Social Sciences and Humanities

6. Deadline² for considering interests by post-doctoral applicants:

Open end

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.