

## Marie Curie Post-doc Positions in Germany 2014<sup>1</sup>: “Expression of Interest” for hosting Marie Curie Fellows

This template should be used by institutions interested in hosting post-doctoral fellows within the Marie Skłodowska Curie fellowship programme. Hosts should be located in Germany.

### 1. Interested institution (legal person):

Deutsches Zentrum für Neurodegenerative Erkrankungen e.V. (DZNE)  
DZNE is a center of excellence within the Helmholtz Association that performs translational research on Neurodegenerative Diseases.

### 2. Institute/Department:

#### **Molecular Neuroplasticity Group**

German Center for Neurodegenerative Diseases (DZNE), Magdeburg site  
Leipziger Str. 44, Haus 64  
D-39120 Magdeburg, Germany

The Molecular Neuroplasticity research group aims (i) to uncover novel mechanisms by which the extracellular matrix (ECM) and cell adhesion molecules (CAMs) control learning-induced synaptic plasticity and homeostatic regulations in the brain; (ii) to characterize how dysregulation in expression and posttranslational modifications of these molecules, their receptors and ectoproteases may induce neuroinflammation and synaptic dysfunctions in major neurodegenerative and psychiatric diseases; (iii) to develop new CAM- and ECM-targeting strategies for restoration of synaptic and cognitive functions in animal models of these diseases.

### 3. Position, scientific requirements and topic:

This position is to take a lead in molecular biological, electrophysiological or two-photon imaging projects addressing **the role of extracellular matrix in synaptic plasticity and neurological disorders**. A candidate is expected to have a PhD and published as the first author in leading journals.

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

**Prof. Alexander Dityatev**, [alexander.dityatev@dzne.de](mailto:alexander.dityatev@dzne.de)

<https://www.linkedin.com/pub/alexander-dityatev/4b/890/890>

<http://www.dzne.de/en/sites/magdeburg.html>

### 5. Deadline for considering interests by postdoctoral applicants:

**September 1, 2014**

<sup>1</sup> Deadline of the next call for proposals for Marie Skłodowska-Curie Individual Fellowships: 11 September 2014, 17:00 Brussels time