



## Postdoc Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC)

### Open Postdoc position at FUB for CSC scholarship candidates 2016

*Please note: the postdoc position is only offered to Chinese who graduated with a PhD degree from a Chinese university.*

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| <b><u>Department/Institute:</u></b>             | Institute of Pharmacy                              |
| <b><u>Subject area:</u></b>                     | Medicinal Chemistry                                |
| <b><u>Professor / Research Group:</u></b>       | Prof. Dr. Jörg Rademann                            |
| <b><u>Number of open Postdoc positions:</u></b> | 1  |
| <b><u>Project title:</u></b>                    | Fragment-based drug discovery by fragment ligation |

#### **Postdoc Project description:**

We have developed in the group dynamic ligation screening as a novel method for target assisted ligand discovery. The method has been applied to protease, phosphatases and protein-protein interactions so far and several potent, cellularly active ligands have been developed. Currently the methodology is extended from reversible (dynamic) ligation reactions toward irreversible fragment ligations. Hot targets of the group include viral and bacterial peptidases and cancer targets such as the protein tyrosine phosphatase SHP2, the SH2 domain of STAT5 and sialyl transferases. The position requires a highly motivated, enthusiastic individual with a potential to work interdisciplinary and be efficient in social and communication skills. We need experts in organic synthesis and bioassay development. The combination with structure-based ligand design is highly favored in the group. In addition we have facilities for chemical library screening, protein production and cellular assays.

#### **Language requirements:**

English: IELTS 6,5 or TOEFL 95 ibt.

#### **Academic requirements:**

We prefer post-doc candidates with a PhD degree in medicinal or pharmaceutical chemistry, biochemistry, or molecular biology

#### **Information of the professor or research group leader:**

Website:

[http://www.bcp.fu-berlin.de/pharmazie/pharmazeutische\\_chemie/arbeitsgruppe\\_Rademann/research/index.html](http://www.bcp.fu-berlin.de/pharmazie/pharmazeutische_chemie/arbeitsgruppe_Rademann/research/index.html)

**Please note:**

In a first step the complete application should submit to the Beijing Office for evaluation by November 21, 2015. Please don't contact the professor before. He/She will get in contact with you after having received the complete application.