



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

### Open PhD position at FUB for CSC scholarship candidates 2018

*Please note: the PhD position is only offered to Chinese PhD candidates for application in the framework of the FUB-CSC PhD Program.*

<b><u>Department/Institute:</u></b>	Department of Biology, Chemistry, Pharmacy / Institute of Pharmacy
<b><u>Subject area:</u></b>	Pharmacology, Immunology
<b><u>Name of Supervisor:</u></b>	Prof. Dr. Günther Weindl
<b><u>Number of open PhD positions:</u></b>	1
<b><u>Type of the PhD Study:</u></b>	Full-time
<b><u>Project title:</u></b>	Regulation of inflammatory responses by autophagy inhibitors

#### **PhD Project description:**

Autophagy and endoplasmic reticulum stress are ubiquitous processes that control cellular homeostasis and play important roles in the defence against infections. Recent studies indicate that drugs that impair autophagic flux and promote oxidative stress modulate inflammatory responses which may lead to adverse drug effects. The project aims at characterizing and understanding the molecular mechanisms of inflammatory responses mediated by autophagy inhibitors. The work will be done using primary cells and cell lines and will include biochemical, molecular, immunological and cell biology techniques.

#### **Language requirements:**

The doctoral thesis can be written in either English or German. Proof of excellent English language proficiency is required (at least IELTS: 6.5 or TOEFL: 95 ibt). German language proficiency is not required, but strongly recommended.

#### **Academic requirements:**

The candidate should hold a master's degree in pharmaceutical sciences or related discipline (e.g. biology, biochemistry, molecular biology) with a solid understanding of pharmacology and immunology. A strong background and practical experience in cell and molecular biology is preferred. We are seeking a highly motivated individual with the ability to work independently and together with a team.

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

[http://www.bcp.fu-berlin.de/en/pharmazie/pharmakologie/arbeitsgruppe\\_weindl/](http://www.bcp.fu-berlin.de/en/pharmazie/pharmakologie/arbeitsgruppe_weindl/)

**Please note:** In a first step, the complete application must be submitted to the Beijing Office for evaluation by January 4<sup>th</sup>, 2018. Please do not contact the professor before. He/She will get in contact with you after having received the complete application via the Beijing Office in January.