



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

### Open Postdoc position at FUB for CSC scholarship candidates 2017

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

<b><u>Department/Institute:</u></b>	Department of Biology, Chemistry, Pharmacy/Institute of Biology/Applied Genetics
<b><u>Subject area:</u></b>	Plant Molecular Biology
<b><u>Professor / Research Group:</u></b>	Prof. Dr. Thomas SCHMÜLLING (Mr.)
<b><u>Number of open Postdoc positions:</u></b>	1
<b><u>Project title:</u></b>	Regulation of Plant Development and Stress Responses by Cytokinin

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

Cytokinin is a plant hormone regulating numerous aspects of plant development as well as some plant stress responses (see e.g. Werner and Schmülling, Curr. Op. Plant Biol. 12, 527-538, 2009). The project will explore the mechanism(s) of cytokinin action in the context of a specific function which is addressed in our research portfolio, which includes its action in the shoot apical meristem, its influence on seed yield (Bartrina et al., Plant Cell, 2011), its role in response to cold and circadian stress (see Nitschke et al., Plant Cell, 2016). Part of our work is devoted to transferring know how from model plants to crop plants in order to increase their performance and yield. The exact topic can be discussed depending on interest and background experience. The institute offers excellent conditions and is part of the Dahlem Centre of Plant Sciences (DCPS), which is a focus area of FU Berlin.

#### **Language requirements:**

Very good knowledge of English is required.

#### **Academic requirements:**

PhD in Biology, experience with molecular plant biology is required.

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

Website: [http://www.angenetik.fu-berlin.de/index\\_eng.html](http://www.angenetik.fu-berlin.de/index_eng.html)

#### **Please note:**

In a first step the complete application should be submitted to the Beijing Office for evaluation by November 6, 2016. Please don't contact the professor before. He/She will get in contact with you after having received the complete application.