



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

Open PhD position for CSC scholarship candidates 2015

The PhD position is only offered to Chinese PhD candidates for application in the framework of the FU-CSC Program.

<u>Department/Institute:</u>	Institute of Animal Nutrition
<u>Subject area:</u>	Immunology
<u>Name of Supervisor:</u>	Prof. Dr. Jürgen Zentek
<u>Number of open positions:</u>	2
<u>Project title:</u>	Interaction between local immune system and intestinal microbiota in the pig

Project description:

The project shall investigate the response of the local immune system to the presentation of autochthonous and pathogenic bacteria in the small intestine of piglets. The goal is to gain insight into the regulation of the local immune system during its development in piglets. It is expected that the results will lead to a better understanding of the interactions between intestinal microbiota and the immune system in pigs.

Language requirements:

English required

Academic requirements:

Strong background in immunology, experience in microbiology preferred
Required methods: experience with cell cultures, fluorescence based detection (FACS etc.); experience in histology preferred (immunostaining etc.)
Bachelor not sufficient

Link to professor and further information:

<http://www.vetmed.fu-berlin.de/einrichtungen/institute/we04/index.html>

Please note:

In a first step the complete application should submit to the Beijing Office for evaluation by January 4th. Please don't contact the professor before. He will get in contact with you after having received the complete application in January.