

# Ph.D. Position

Applications are invited for a Ph.D. position to join the Group of Marco Trujillo at the University of Freiburg.



## Background

Research in the Trujillo lab ([www.trujillolab.com](http://www.trujillolab.com)) focuses on understanding ubiquitin signalling and its roles in the regulation of immune responses, as well as general protein homeostasis. Previous and ongoing research in the Lab has uncovered key roles of ubiquitination in the regulation intracellular vesicle transport and its interplay with signalling networks triggered by receptor kinases.

## The Project

Newly synthesized membrane proteins are delivered to the plasma membrane in a highly specific and regulated manner through the secretory pathway. In this joint project with the laboratory of Thomas Ott (University of Freiburg; <https://plantcellbiology.net>), the successful candidate will work on elucidating regulatory mechanisms governing the secretory activity. The project encompasses a multidisciplinary approach combining biochemistry (structural biology, protein-protein & protein-lipid interaction analyses, enzyme activity assays, mass-spectrometry), and cell biology (CLSM, TIRF/VAEM).

This is an exciting opportunity for the applicant to join a multi-disciplinary research group within an international centre of excellence in sciences.

## The ideal candidate

We are looking for a highly motivated individual with experience in protein biochemistry and cell biology. The successful candidate will possess a Master in Science (full award) in protein biochemistry or a related discipline. The person should show initiative, function well in a team, and have a hands-on mentality, perseverance and critical mind-set. Proficiency in English language for both oral and written communication is expected.

**Reviewing of applications will start February 1<sup>st</sup> 2019 and continue until position is filled. The position is available immediately.**

## Additional Information

The position is funded by the DFG for three years. Salary will be according to the German Public Sector Agreement (E13, 65%) commensurate to qualifications and experience.

Please include for your application: Cover letter detailing your motivation and background for applying for the position, CV, copy of PhD degree, name and address of three referees.

For further information and details, please contact Marco Trujillo directly [marco.trujillo@bio.uni-freiburg.de](mailto:marco.trujillo@bio.uni-freiburg.de).

