



Faculty of Science

Institute of Nutritional Science

The **Junior Research Group ProAID (Protein oxidation in aging as target for an individualized dietary intervention)** of the **Institute of Nutritional Science, Faculty of Science, University of Potsdam** located at the Campus Bergholz-Rehbrücke is looking for a

Student associate with Bachelor degree (9.5 h/ week)

The position is open from March 1st 2019 and will be initially limited to the September 30th 2019.

The aim of the Junior Research Group is to elucidate the importance of endogenous oxidative posttranslational protein modifications for the individual aging process as well as the pathogenesis and pathophysiology of age-related diseases with specific emphasis on the effects of nutrition. For this purpose, several projects are realized including cell culture experiments, animal feeding experiments, and human intervention studies. Additionally, *in silico* molecular modelling of protein modifications is performed to reveal their effects on protein function.

Your tasks

- Implementation and maintenance of sample data bases
- Assistance in evaluation of proteomics data obtained by mass spectrometry
- Assistance in protein modelling simulations

Your background

- Bachelor of Science in bioinformatics, computer science, IT-systems engineering or comparable or substantial experience in database management/ molecular modelling
- Interest in biochemical, physiological and pathophysiological processes
- Excellent ability to work in a team and communication skills

Further informationen: Dr. Andrea Henze | andrea.henze@uni-potsdam.de

Please send your application including a curriculum vitae, copy of your Bachelor certificate and a convincing cover letter that illustrates your qualification for this position as a single PDF document until December 31st 2018 to andrea.henze@uni-potsdam.de.