A PhD Position investigating the “Structural and biochemical characterization of protein ubiquitylation” is available in the group of Prof. Dr. Schindelin

The covalent modification of target proteins with ubiquitin serves a variety of important cellular responses. In humans ubiquitin is attached to target proteins via a hierarchical cascade of two ubiquitin activating enzymes (E1), dozens of ubiquitin conjugating enzymes (E2) and several hundred ubiquitin ligases (E3). The Schindelin lab is interested in various enzymes involved in this cascade (see for example: Lee and Schindelin, Cell 134, 268-278 (2008); Misra et al., Structure 25, 1120-1129, 2017, Hänzelmann and Schindelin, Structure 24, 127-139 and 140-147, 2016).

Highly motivated candidates with a Masters (or equivalent) degree in biochemistry, molecular biology, biophysics or chemistry and a keen interest in structural biology, biochemistry, and biophysics are strongly encouraged to apply. Successful applicants must be able to work independently and as part of an international team. Previous experience in one of the following areas, structural biology, biochemistry or biophysics, is required.

Interested candidates should E-mail an application including a cover letter detailing their interests and expertise, their CV, transcripts, and the contact information of at least two references. The position will be financed via the GRK 2243 “Understanding Ubiquitylation: From Molecular Mechanisms to Disease” and the PhD student will be part of the Graduate School of Life Sciences (http://www.graduateschools.uni-wuerzburg.de/life_sciences). Salary will be according to the collective bargaining agreement (TV-L). Disabled applicants will be preferentially considered in case of equivalent qualifications.

For further information and to apply please contact:
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