March 2018

Internship

BOKU Core Facility for Biomolecular & Cellular Analysis

Biophysical methods for protein characterization and investigation of biomolecular interactions.

In the newly established BOKU Core Facility for Biomolecular & Cellular Analysis, we offer a broad range of (interaction) characterization methods to academia and industry. The available techniques include:

Surface Plasmon Resonance Spectroscopy (Biacore T200, GE Healthcare)

Biolayer Interferometry (Octet RED96e, Pall)

Isothermal Titration Calorimetry (Automated PEAQ-ITC, Malvern Panalytical)

Differential Scanning Calorimetry (Automated PEAQ-DSC, Malvern Panalytical)

Size, Molecular Weight and Zeta Potential (Zetasizer Nano ZSP, Malvern Panalytical)

Nano Particle Tracking Analysis (ZetaView, particle-metrix)

Flow Cytometry (Astrios and Gallios, Beckman Coulter)

We are looking for a highly motivated BOKU student with interest in biochemical and biophysical characterization of biomolecules. She/he should have excellent computer as well as communication skills (English).

We offer an internship in a state-of-the-art equipped biomolecular analysis lab. The student will be trained on the above mentioned techniques. Further, she/he will get insight into administrative and organizational tasks and responsibilities of a core facility coordinator. Last but not least she/he will be involved in core facility web site design and setup.

Preferred start date: July 2018 (40 hours/week, minimum 2 months). The salary will be a 1.200,00 Euro/month.

Please submit your printed application to one of the alumni employees before the discussion starts (before 2 pm). Place: Assembly hall at Muthgasse 18.

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