



JKU
JOHANNES KEPLER
UNIVERSITÄT LINZ

The **Institute of Biophysics** in the School of Technical and Natural Sciences at Johannes Kepler Universität Linz, Austria is currently looking to fill

several PhD

positions for 3 years:

Biophysicists, Physicists, Biochemists or Molecular Biologists

are invited to apply.

Qualifications: Master (Diploma) in one of the above fields

Topics: Imaging the translocase motor SecA at work
Lateral proton migration along membranes

Methods: Fluorescence microscopy, fluorescence correlation spectroscopy, luminescence resonance energy transfer, electrophysiology, protein over-expression, purification, reconstitution lipid bilayers

For more details about the projects see <http://www.jku.at/biophysics/content/e54633/e54639/e54653/e210809> or <http://www.jku.at/biophysics/content/e54633/e54639/e54653/e210996>. For an introduction into the topic see Mol. Cell 26: 501-509; J. Biol. Chem. 288: 17941-17946 or Proc. Natl. Acad. Sci. U. S. A. 108: 14461-14466, Proc. Natl. Acad. Sci. U. S. A. 109: 9744-9749. For details on the positions please contact Univ.-Prof. Dr. Peter Pohl at Tel.: +43-732-2468-7562 or peter.pohl@jku.at, Johannes Kepler Universität Linz, Institut für Biophysik, Gruberstr. 40, A-4020 Linz