



Dr. Andreas Ebner studied Technical Chemistry and Economics and received his PhD at the Institute of Biophysics at the Johannes Kepler University (JKU). He worked as a scientist for Molecular Imaging (support in development of Topography and Recognition Imaging (TREC)), the Upper Austrian Research (single molecule arrays), and Amersham Biosciences (fluorophore characterisation). In 2013 he received the Houska Award for one of the top 3 innovative projects in Austria. Currently he is deputy head of the department of applied experimental biophysics at the Institute of Biophysics, Johannes Kepler University, he published > 70 peer reviewed scientific articles, and > 10 scientific book chapters. His key competences are biosensing atomic force microscopy techniques like single molecule force spectroscopy and recognition imaging including surface functionalization techniques.

Research Interest

Atomic Force Microscopy, Single Molecule Force Spectroscopy, Molecular Recognition, Tip Chemistry, Bioconjugate Chemistry, Single Molecules, Topography and Recognition Imaging, Active Cantilever, Quartz Crystal Microbalance, Biosensing, Erythrocytes, Thrombocytes, Aptamers, Nanomedicine.

Ass.-Prof. Dr. Andreas Ebner
Assistant Professor
[Institute of Biophysics](#)
Department of Applied Experimental Biophysics
[Johannes Kepler University Linz](#)
Gruberstrasse 40
4020 Linz, Austria
P: +43 732 2468 7637
F: +43 732 2468 7633

