

Biography:

Christine Selhuber-Unkel is a full professor for Molecular Systems Engineering at Heidelberg University (Germany). She studied physics at Heidelberg University (Germany) and Uppsala University (Sweden), and received her Ph.D. degree in physics at Heidelberg University (Germany) in 2006. As a postdoctoral fellow, she worked at the Niels Bohr Institute of the University of Copenhagen (Denmark), and from 2011 to 2020 she was associate professor at the Institute for Materials Science at Kiel University (Germany). Her main research interest is controlling the interaction of biological systems with materials, for example by structural and mechanical material properties. She also has a strong interest in the quantitative investigation of cell-material interactions. C. Selhuber-Unkel has been awarded with ERC Grants and is a member of the German National Academy of Science and Engineering (acatech).