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**Thomas Brüning** Graduate Degree in Pharmaceutics and Medicine, Occupational Medicine, Environmental Medicine, Habilitation Occupational Medicine. Project leader of several clinical studies. Initiator and PI research project 'Carcinoma of the Breast and Predictive Factors' by BMBF as part of the German Human Genome Project, Director IPA-Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-University Bochum. Founding Member and PI of PURE



**Klaus Gerwert** received his Ph.D. in 1985 (Freiburg), joined the Max-Planck-Institute in Dortmund 1986-1989, became Heisenberg-fellow 1990-1993, joining also the Scripps Research Institute, La Jolla, USA. In 1993 he was appointed at the Ruhr-University Bochum to hold the chair of biophysics. Since 2009, he is Max-Planck fellow at the Max-Planck Partner Institute PICB in Shanghai, China. His research focuses on mechanisms of membrane proteins using time-resolved FTIR and vibrational imaging of tissue and cells as diagnostic tools.