



International Society for Advancement of Cytometry

Rainer Pepperkok, PhD, studied Physics at the University of Heidelberg. He received his PhD in Cell Biology in 1992 at the University of Kaiserslautern. As a post-doc at the University of Geneva Switzerland he made contributions to the understanding of vesicular coat proteins in membrane trafficking and was amongst the first to use GFP technology to image membrane traffic in living cells. He has been heading the light microscopy laboratory at the Imperial Cancer Research Fund before he became to head of the Advanced Light Microscopy Facility and teamleader in the cell Biology Cell Biophysics Unit at EMBL in Heidelberg in 1998. Since then he has developed quantitative microscopy based approaches to study membrane traffic in the early secretory pathway with a particular focus on high content screening approaches to conduct large scale functional analyses to identify proteins and networks with a role in the secretory pathway.