



International Society for Advancement of Cytometry

Kristina D. Micheva is a Senior Research Scientist in the Department of Molecular and Cellular Physiology at Stanford University, California, USA. She is also Faculty Member of the Neurobiology Course at the Marine Biological Laboratory in Woods Hole, Massachusetts, USA, where she teaches array tomography imaging. She obtained her Ph.D. with Dr. Clermont Beaulieu at Université de Montréal in Canada and later trained as a postdoctoral fellow with Dr. Peter S. McPherson at McGill University in Montreal, Canada and Dr. Stephen J Smith at Stanford University. Together with Dr. Smith, she is coinventor of array tomography, a high-resolution proteomic imaging method that allows the imaging of dozens of different antibodies at individual subcellular structures within large volumes of tissue. She is interested in synapse organization, function and plasticity, and uses array tomography to explore the diversity of mammalian synapses.