Cristina Potrich is senior researcher at the Bruno Kessler Foundation, Center for Sensors & Devices and associate to the Italian Research Council, Institute of Biophysics. Her main interest is the development of biofunctional materials applied to the micronanotechnologies for genomics and proteomics; in particular, she spent last years in the development of Lab-on-a-chip devices for medical applications (3 patents obtained). Cristina Potrich graduated with honors in biology and obtained her PhD in Molecular Physiology and Structural Biology from the University of Padua, Italy. She also obtained the National Scientific Qualification as Associate Professor in Applied Physics (02/D1). Visiting scientist in many European laboratories, she co-organized several congresses (national and international) and international schools. She is currently referee for many leading journals and author of about 60 papers published in international journals, book chapters and many contributions to congresses with review.