

Maria Kitsara graduated from the Materials Science and Engineering Department, University of Ioannina in 2004. She received the MSc degree in Polymer Science from the Department of Chemistry, University of Athens and concluded her thesis in the field of polymeric materials characterization and their applications in chemical sensors, at the Institute of Microelectronics, NCSR “Demokritos”, in 2006. She received the PhD from the Materials Science and Engineering Department, University of Ioannina, Greece in 2009. PhD thesis was also conducted at Institute of Microelectronics in cooperation with Institute of Radioisotopes and Radiodiagnostic Products (Biodiagnostics laboratory), NCSR “Demokritos”. PhD thesis was on the field of optical bio-chemical sensors and included simulation, design, fabrication and evaluation of monolithically integrated transducers. She continued as postdoctoral researcher at IMEL and IRRP of NCSR “Demokritos” in cooperation with the Theoretical & Physical Chemistry Institute of National Hellenic Research Foundation. Her research was on the field of surface biofunctionalization and characterization for applications in chemical and biological sensors. Her second post-doctoral position was at the Department of Physical Sciences in cooperation with the Biomedical Diagnostics Institute in Dublin City University (DCU), Ireland and her research focused on the area of centrifugal microfluidic lab-on-a-disc systems for bio-applications and microfluidic surface modification for enhanced flow control of bioreagents. In April 2013, she will join the group “Microfluidics, Chemical Organization and Nanotechnology” at the Ecole Normale Supérieure, Paris. She is author and co-author of 15 papers and 26 conference proceedings published on international review with referee.