

Prof. Arben Merkoçi

Short CV

Arben Merkoçi is an ICREA Research Professor and head of the Nanobioelectronics and Biosensors Group at ICN2 in Barcelona, Spain. Arben Merkoçi obtained his PhD at the *University of Tirana* (Albania) in ion selective electrodes. Since 1992 he has carried out research as postdoctoral fellow and research professor at the *Polytechnic University of Budapest* (Hungary), *University of Ioannina* (Greece), *Università degli Studi di Padova* (Italy), *Universitat Politècnica de Catalunya*, *Universitat Autònoma de Barcelona* and *New Mexico State University* (USA). His research is focused on the integration of biological molecules and other species with micro- and nanostructures to design novel (bio)sensors. He is member of the *Academy of Sciences of Albania* and director and coordinator of NANOALB (www.nanoalb.al), the regional network of nanoscience and nanotechnology.

Prof. Merkoçi is Co-Editor in Chief of *Biosensors and Bioelectronics*, the principal international journal devoted to research, design development and application of biosensors and bioelectronics, member of editorial board of *Electroanalysis*, *Microchimica Acta* and other journals.

Prof. Merkoçi has published 353 articles (H-index / citations: Google Scholar 91 / 32689; WOS 81 / 25064) and supervised 40 finished PhD theses. He is also involved in teaching PhD courses in the field of nanomaterial- based biosensors in several Spanish and international centres. He has been a member of the commission for establishing the new Nanoscience and Nanotechnology undergraduate academic curriculum at the UAB, the first one in Spain, which started during the academic year 2010- 2011. He is a member of the Academics Working Group of BIST and coordinator of the Nanodiagnostics module of the Nanotechnology Master at the UAB.

He has got several national and international grants related to nanomaterials application in biosensors and his group is collaborating with several worldwide leading labs in the field of nanobiosensors. Prof. Merkoçi serves also as scientific evaluator and member of panels of experts of various international governmental and nongovernmental agencies (EU-FP and EU-ERC panels and other panels in Europe, USA and other countries), as a scientific committee member of many international congresses, director of several workshops and other scientific events and have been invited to give plenary lectures, keynote and invited speeches in more than 220 occasions in various countries. Prof. Merkoçi is the co-founder of two spin-off companies: *GraphenicaLab*, devoted to graphene patterning, and *PaperDrop*, dedicated to clinical diagnostics.