

PERSONAL INFORMATION Laura Blasi

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Sex F | Date of birth 04/10/1972 | Nationality Italian

POSITION Senior researcher working in the field of micro and nanosystems for biomedical applications

WORK EXPERIENCE

Laura Blasi got the Master Degree in in Biology in 1999 from the University of Ferrara (Italy). In 2006 she received the PhD degree in Innovative Materials and Technologies at the National Nanotechnology Laboratory of the University of Salento (Italy) with a thesis work on the Immobilization and characterization of biomolecules (enzymes and transmembrane receptors) for biosensor application

From 2007 to 2014, she was afferent to Institute of Nanoscience of the National Research Council (CNR-NANO) working on the development of smart micro and nano hydrogels and advanced Lab on Chip devices for biomedical applications.

From 2015 to 2018 she was researcher at Institute of Nanotechnology (CNR-NANOTEC). The research activity was focused on nanobiotechnology and in particular on the development and characterization of biomimetic scaffolds for tissue engineering and regeneration, on the investigation of the interaction and the biological effects of the nanoscaled materials at cellular level. Since 2019, she has been afferent to the Institute for Microelectronics and Microsystems (CNR-IMM). Current research interests are related to: development and characterization of biohybrid surfaces for biosensing; realization of Lab-On-Chip and microphysiological platforms; development and testing of micro and nanosystems for organ on chip (OoC) devices; exploitation of biomaterials for energy harvesters and sensors.

She is currently the scientific head of the Micro-Nano Biosystems (MNBS) laboratory at the CNR-IMM Lecce.

Relevant publications

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