

Anna Doffini, PhD



Anna Doffini is CB-NIPT Project Manager, she coordinates the global CB-NIPT (cell based, non-invasive, prenatal test) project and heads the R&D activities based in Bologna and Singapore.

She joined Menarini Silicon Biosystems' R&D team in 2010, to develop protocols for the enrichment, isolation and recovery of cells, using the proprietary DEPArray™ technology. During these years she acquired a solid background on rare and single cells analysis, with particular reference to tumor cells isolated from cancer patients' blood (CTC) or from formalin-fixed paraffin-embedded (FFPE) samples.

In 2014 she relocated to Singapore to lead a research project for MBS, focusing on the discovery of novel biomarkers for the isolation of fetal cells from the blood of pregnant women, in order to develop a non-invasive prenatal diagnostic test.

Doffini holds a MSc in Medical-Pharmaceutical Biotechnology obtained in the University of Ferrara in 2010, and received her PhD from the University of Milano-Bicocca, School of Translational Medicine. She is co-author of several scientific papers and co-inventor of several patent applications.