



## **Marianna Lucafò, PhD**

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Born (1984) in Foggia and educated in Trieste, Italy, Marianna Lucafò earned her Master degree (110/110 with honors) in Functional Genomics from the University of Trieste in 2008, and afterwards took her PhD in in Nanotechnology from the University of Trieste in 2013.

She works as a post-doc fellow at the Pharmacogenomics laboratory, coordinated by prof. Giuliana Decorti, at the Department of Life Sciences of the University of Trieste.

In the early years of her work she studied the therapeutic activity and toxicity of carbon nano-structures employed as carriers for drugs in cancer models, using cellular and molecular biology techniques and next generation sequencing technologies.

At present the research interest is based on the translational pharmacogenomic research studies in close collaboration with the Department of Pediatrics of the Institute for Maternal and Child Health IRCCS Burlo Garofolo of Trieste. In particular, she has been involved in a research project granted by the Italian Minister of Health focused on the identification of pharmacological and molecular determinants (in detail microRNAs) associated with glucocorticoid response in paediatric patients with inflammatory bowel diseases.

Supervisor of more than 12 scientific degree theses for Pharmacy, Molecular Biology and Biomedical Laboratory Technicians degree courses. She has authored 10 full papers mostly in Medline based journals.