

Mariangela Santorsola, PhD - Curriculum Vitae

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EDUCATION

2012/2015 - **PhD in Bioinformatics**, University of Sannio, Benevento, Italy. Thesis: Mitochondrial mutations in human diseases: functional annotation, prioritization and associations with nuclear mutations. Supervisor: Prof. S Pagnotta, M Attimonelli.

2009/2010 - **Master in Biological Sciences**, University of Bari, Italy. Thesis: Variability studies and estimates of selection for mitochondrial genes ATP6, CYB and ND5. Supervisor: Prof. M Attimonelli, Dr R Piredda.

EMPLOYMENT

October 2022-present - **Ricercatore a Tempo Determinato-tipo A (RTDA)**, Department of Biology and Biotechnology "Lazzaro Spallanzani" (DBB), University of Pavia, Italy. Supervisor: Prof. F Lescai.

October 2021-September 2022 - **How aquatic plants respond to hypoxia**. Postdoctoral Fellow, Department of Biology, University of Pisa. Supervisor: Prof. F Licausi.

April 2020-September 2021 - **P-CARE. Una piattaforma tecnologica per sconfiggere le resistenze alle terapie anticancro**. Postdoctoral Fellow, Department of Life Sciences (DSV), University of Trieste, Italy. Supervisor: Prof. G Del Sal.

August-December 2019 - **Collezione, organizzazione e analisi di dati disponibili mediante interrogazione del database TCGA**, Postdoctoral Fellow, Department of Life Sciences (DSV), University of Trieste, Italy. Supervisor: Prof. G Del Sal.

July 2017-July 2019 - **PRECANMED, Sviluppo di strategie terapeutiche anti-cancro personalizzate, mediante coltivazioni di organoidi tumorali**. Postdoctoral Fellow, Laboratorio Nazionale Consorzio per le Biotecnologie (LNCIB), Trieste, Italy. Supervisor: Prof. S Schoeftner.

October 2016-June 2017 - **CLUSTER IN BIOIMAGING, Analisi funzionale e statistica dei dati provenienti da piattaforme di Next Generation Sequencing**. Bioinformatician, ITB-CNR, Bari, Italy. Supervisor: Prof. Dr E Perlino, S Vicario.

July-August 2016 - **Raccolta ed analisi di dati da sequenziamento massivo di esomi per il riconoscimento di interazioni nucleo-mitocondrio in studi di interesse clinico**. Bioinformatician, IBBE-CNR, Bari, Italy. Supervisor: Prof. G Pesole.

Pavia, October 1, 2022