

## PhD in Molecular Life Sciences 34° cycle (2018-2021)

SURNAME	NAME	THESIS TITLE	SUPERVISOR(S)
ALLOCCA	MARIATERESA	Small molecules for the treatment of PMM2-CDG	Dr. Giuseppina Andreotti, ICB-CNR
ASHA	HARITHA	Exciton and charge separation: computational models	Dr. Roberto Improta, IBB-CNR
AUSURI KANNABIRAN	JANARDHAN	Isolation, screening and genomic characterization of marine bacterial isolates involving in pollutant remediation and biomedical applications	Dr. Donatella De Pascale, Stazione zoologica "A. Dohrn"
BUONAIUTO	SILVIA	A pipeline for prioritization of putatively damaging genetic variants in cases of oocytes/embryo developmental arrest	Dr. Vincenza Colonna, IGB-CNR
CAMPANILE	MARIO	Ruta graveolens water extract ameliorates ischemic damage and improves neurological deficits in a rat model of transient focal brain ischemia	Prof. Luca Colucci D'Amato, Univ. Vanvitelli
CASAMASSA	ALESSIA	Patient specific cell lines as a model for Parkinson's disease associated to the GBA variant E326k	Dr. Massimo Carella, Osp. Casa Sollievo della Sofferenza
CONTE	GEMMA	Hybrid lipid/polymer nanoparticles to assist nucleic acid therapeutic lung delivery in cystic fibrosis	Prof. Ivana D'Angelo, Univ. Vanvitelli
D'AMBROSIO	PAOLA	An integrative splicing prediction approach: a focus on DMD deep intronic variants	Prof. Vincenzo Nigro, Univ. Vanvitelli
DI PALO	ARMANDO	The long non-coding RNA SPACA6-AS1, miR-125a and its mRNA targets establish a novel ceRNA regulatory network in hepatocarcinoma cells	Prof. Nicoletta Potenza, Univ. Vanvitelli
GIACCARI	CARLO	The role of Padi6 in genomic imprinting. A new mutant mouse model	Prof. Andrea Riccio, Univ. Vanvitelli
GRAZIOSO	RINALDO	Effects of the change in buffer conditions and of the substitution of the structural ion on the folding mechanism of Ros87	Prof. Carla Isernia, Univ. Vanvitelli
KALKAN	HILAL	Unravelling new pathways and innovative perspectives for treating Duchenne Muscular Dystrophy: focus on the endocannabinoid system and its interplay with the gut microbiota	Dr. Fabio Iannotti, ICB-CNR
MARANO	DOMENICO	Study of the molecular interplay between MeCP2 and AUTS2 in the glycosphingolipid metabolism and its involvement in Rett syndrome pathogenesis	Dr. Floriana Della Ragione, IGB-CNR
MORONE	BARBARA	Hematopoietic differentiation of induced pluripotent stem cells (iPSCs) derived from patient with the Immunodeficiency, Centromeric instability and Facial anomalies (ICF) syndrome into HPCs expressing hematopoietic markers (CD34, CD43, CD45)	Dr. Maria Matarazzo, IGB-CNR
ONORE	MARIA ELENA	Unsolved rare cases: towards new diagnostic strategies	Prof. Vincenzo Nigro, Univ. Vanvitelli
PETITO	GIUSEPPE	Short-Term Fructose Feeding affects insulin signaling and lipid metabolism by modulating microRNAs expression differently in young and adult rats	Prof. Antonia Lanni, Rosalba Senese, Univ. Vanvitelli
PIGNATA	PAOLA	Prolyl 3-hydroxylase 2 is a molecular player of angiogenesis	Dr. Sandro De Falco, IGB-CNR
SASSANO	MARICA	Nanoplastics impact on 3 different human gut commensals	Prof. Gaetano Malgieri, Univ. Vanvitelli
VALLETTA	MARIANGELA	Investigating molecular determinants of cancer by cutting-edges high resolution mass spectrometry technologies	Prof. Angela Chambery, Univ. Vanvitelli
VERDE	ALESSANDRO	SERS-sensing, imaging and nanotoxicology of bacterial endotoxin on gold nanoparticles	Dr. Anna Chiara De Luca, Dr. Paola Italiani, IBBC-CNR