

## PhD in Molecular Life Sciences 35° cycle (2019-2022)

SURNAME	NAME	THESIS TITLE	SUPERVISOR(S)
SARNELLA	ANNACHIARA	Role of tumor microenvironment in promoting triple-negative breast cancer progression: new therapeutic approaches	Dr. Antonella Zannetti, IBB-CNR
BUONOCORE	CARMINE	Evaluation of the biotechnological potential of <i>Pseudomonas gessardii</i> : a novel strain from Antarctic marine sediments	Dr. Donatella De Pascale, IBBC-CNR
LAZZA	MARIAVITTORIA	Molecular characterization of Antigen Presenting Cells from patients with active celiac disease versus subjects on gluten free diet	Dr. Giovanna Del Pozzo, IGB-CNR
D'ALTERIO	ROMINA	The role of microRNAs 181a and b in Parkinson's Disease: from promising therapeutic targets to potential biomarkers	Dr. Brunella Franco, Dr. Alessia Indrieri, Tigem
POLICASTRO	VALERIA	Network Methods for Biomedical Discoveries	Dr. Annamaria Carissimo, IAC-CNR
CAMPOLATTANO	NICOLETTA	Characterization of the MSMEG-3762/63 efflux pump in <i>Mycobacterium smegmatis</i> .	Prof. Lidia Muscariello, Univ. Vanvitelli
CECERE	FRANCESCO	Investigating the causes of DNA methylation disturbances in Imprinting disorders	Prof. Flavia Cerrato, Univ. Vanvitelli
della VALLE	MARIA	Characterization of protein interactions by using high-resolution NMR methodologies	Prof. Roberto Fattorusso, Univ. Vanvitelli; Dr. Maria Emanuela Errico, Maria Cristina Cocca, IPCB-CNR
DI GENNARO	MARIO	Hyaluronic acid and its derivatives based multifunctional nanostructured devices for drug delivery and regenerative medicine application	Dr. Assunta Borzacchiello, IPCB-CNR
GAROFALO	MARTINA	Role of D-aspartate metabolism in neurodevelopmental disorders: focus on Schizophrenia and Autism Spectrum Disorder	Prof. Alessandro Usiello, Univ. Vanvitelli
LUCARIELLO	MIRIAM	SARS-CoV-2 infection: pseudovirus system and the role of the CtBP1/BARS protein	Dr. Carmen Valente, IEOS-CNR
MALLARDO	MARTA	Crosstalk Between Adipose Tissue and Multiple Sclerosis: Focus on Adiponectin	Prof. Aurora Daniele, Univ. Vanvitelli
PETROGIANNAKIS	GEORGIOS	Identification and evaluation of microRNAs involved in photoreceptor degeneration	Prof. Sandro Banfi, Univ. Vanvitelli; Dr.ssa Sabrina Carrella, Tigem
RUSSO	VERONICA	Prokaryotic and Eukaryotic zinc-finger proteins: study on DNA binding functions and protein-protein interactions	Prof. Paolo V. Pedone, Univ. Vanvitelli
SIMIELE	ROBERTA	Toward a link between microbiota and brain in response to fasting and exercise in rodents and humans	Prof. Pieter De Lange, Univ. Vanvitelli
SINISCALCHI	CHIARA	Role of microRNAs in human diseases: from SARS-CoV-2 infection to gender medicine	Prof. Aniello Russo, Univ. Vanvitelli
VALENTINO	GIOVANNA	Specialized metabolites as potential lead compounds for anticancer drug discovery	Prof. Antonio Fiorentino, Univ. Vanvitelli
ONORATO	GIADA	Identification of environmental and genetic cues that modulate neuron degeneration in <i>C. elegans</i>	Dr. Elia Di Schiavi, IBBR-CNR
MADHESWARAN	MANOJ	Application of advanced NMR techniques in the study of "mixed folded proteins"	Prof. Roberto Fattorusso, Univ. Vanvitelli
RAVICHANDRAN	RAHUL	Tailoring computer-aided drug discovery methods: From molecular docking to AI-enforced in silico toxicology	Prof. Sandro Cosconati, Univ. Vanvitelli

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PAVITHRAN	ANUPAMA	Role of ADP-ribosylation in breast cancer sensitization to apoptosis: PARP12 as a novel therapeutic target	Dr. Giovanna Grimaldi; Dr. Daniela Corda, IEOS-CNR
RUIZ	KARLA	Meta-analysis of human retinal transcriptome data: a powerful tool to gain insight into the organization of inherited retinal disease genes and to identify putative interactors	Prof. Sandro Banfi, Univ. Vanvitelli; Dr.ssa Sabrina Carrella, Tigem
BOAVIDA	ANA	FANCI at the Replication Fork - Uncovering the Role in Counteracting Replication Stress and Promote Genome Stability	Dr. Francesca M. Pisani, IBBC - CNR
SANTOS	DIANA	Dissecting the interaction of the DNA helicase DDX11 with Timeless, a replication fork protection complex subunit	Dr. Francesca M. Pisani, IBBC - CNR
CENNAME	PASQUALINA	Systemic oxidative state: genetics and its implication in Alzheimer's disease	Dr. Marina Ciullo, IGB - CNR
CUOMO	ARIANNA	Effects of physical exercise on muscle proteins and related cell signaling under various physiological conditions in rodents and humans	Prof. Pieter De Lange, Univ. Vanvitelli
MANCO	ROBERTA	Filamentous bacteriophage: a powerful carrier for cancer immunotherapy	Dr. Piergiuseppe de Berardinis, IBBC-CNR