

PhD in Molecular Life Sciences 33° cycle (2017-2020)

SURNAME	NAME	THESIS TITLE	SUPERVISOR(S)
AMETRANO	ALESSIA	Antarctized antibody: an innovative engineered antibody by the CRISPR/Cas9 system	Dr. Maria Rosaria Coscia, IBBC-CNR
CARDOSO DE AZEVEDO MOREIRA	MIGUEL ANGELO	Structure and function of key macromolecules involved in severe humane pathogenesises	Dr. Rita Berisio, IBB-CNR
CELAJ	ODETA	Secondary metabolites from Mediterranean plants for nutraceutical and pharmaceutical applications	Prof. Antonio Fiorentino, Univ. Vanvitelli
CHARALAMBOUS	MARIA	Mitochondrial dynamics as a new therapeutic target for neurodegenerative diseases	Prof. Lucio Mitsch, Unina
CORVINO	ANDREA	Structural characterization of multi-domain proteins involved in neuronal diseases	Prof. Roberto Fattorusso, Univ. Vanvitelli
DEL PRETE	ROSITA	Generation and characterization of murine models in imprinting disorders	Prof. Alfonso Baldi; Prof. Flavia Cerrato, Univ. Vanvitelli
DELLA CAMERA	GIACOMO	New approaches to immunotherapy of inflammation through the use of engineered nanoparticles (ENP)	Dr. Paola Italiani, IBBC-CNR
DELLA SALA	FRANCESCA	New strategy based on polymeric biomaterials combined to stem cells to promote pulmonary tissue regeneration	Dr. Assunta Borzacchiello, IPCB-CNR
DHAKAN	CHETAN BHARATKUMAR	Functional and molecular MR Imaging studies to detect early diagnosis and monitoring of therapeutic treatments	Dr. Silvio Aime, IBB-CNR
DI GIACOMO RUSSO	FEDERICA	Nuove evidenze sperimentali del ruolo dell'acido D-aspartico nella spermatogenesi dei mammiferi	Prof. Gabriella Chieffi, Univ. Vanvitelli
EL SHARKAWY	AHMED MOHAMED AWAD	The interplay of NEMO, RIPK1 and RIPK3 signaling in the regulation of cell death	Dr. Valeria M. Ursini, IGB-CNR
FARINA	FEDERICA	HLA-DQ alleles associated to Celiac Disease: analysis of gene expression and regulation mechanisms in Antigen Presenting Cells	Giovanna del Pozzo
FERREIRA CAMPOS	ANA MARGARIDA	Mass Spectrometry study of lipids in LPS-induced immune tolerance and glycerophosphoinositol cell signaling	Dr. Paola Italiani, IBBC-CNR; Dr. Angelo Fontana, ICB, CNR
IRRERA	PIETRO	Using in vivo MRI-CEST tumor pH imaging to detect early resistance to proton pump inhibitors in human prostate cancer murine models	Prof. Dario Longo, Univ. Torino
IYENGAR	NAMRATA RAVI	Unravelling autoregulatory signalling circuits controlling export of different cargo classes from the ER	Dr. Alberto Luini, IBP-CNR
KOSTRZEWA	MAGDALENA	EFFECT OF NON-PSYCHOTROPIC CANNABINOIDS ON ANDROGEN DEPRIVATION THERAPY IN HIGH-FAT DIET- INDUCED PROSTATE CANCER	Dr. Fernando Gianfrancesco (IGB); Dr. Alessia Ligresti (ICB-CNR)
LANDI	NICOLA	Determination of primary structure, gene organization and antifungal activity of Ageritin, the first ribotoxin-like protein from edible mushrooms	Prof. Antimo Di Maro, Univ. Vanvitelli

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LEE	YI SHIN	Reactivation of the dormant wild-type allele of MECP2 as a therapy for Rett syndrome: screening of epigenetic compounds	Dr. Marcella Vacca, IGB-CNR
LOMBARDI	RITA	HSP90 identified by a proteomic approach as druggable target to reverse platinum resistance in ovarian cancer	Dr. Alfredo Budillon, Istituto Tumori Pascale
MANIPUR	ICHCHA	Computational methods for the integration and analysis of Omics data and Network models	Dr. Mario Guarracino, ICAR-CNR
MILONE	MARIA RITA	Repurposing of valproic acid and simvastatin as anticancer agents in pancreatic cancer: a new therapeutic approach in combination with chemotherapy	Dr. Alfredo Budillon, Istituto Tumori Pascale
MONTI	ALESSANDRA	Molecular characterization of the interaction of PREP1 and MEIS1 with PBX1	Dr. Nunzianna Doti, IBB-CNR
MOREIRAS FIGUERUELO	ALEJANDRO	Drug-discovery from marine natural compounds	Dr. Angelo Fontana, ICB-CNR
NADERI	JAMAL	Genome-wide profiling of H3K4me3 reveals mitochondrial alterations in pre-adipocytes of individuals with a family history of type 2 diabetes	Dr. Claudia Miele, IEOS-CNR
PIGNATA	LAURA	Genetic and epigenetic variants associated with imprinting disorders and Wilms tumor	Prof. Andrea Riccio, Univ. Vanvitelli
POONDI KRISHNAN	VARSHA	Studying the early molecular defects of ICF syndrome in patient-derived and CRISPR-corrected iPSCs using an integrated multi-omic approach.	Dr. Maria Matarazzo, IGB-CNR
SAHU	PRANOY KUMAR	Identification and characterization of GOLPH3 mediated oncogenic mechanism	Dr. Alberto Luini, IBP-CNR
SANTANA VIERA	LAURA	Development of aptamer-based therapeutics to selectively target the stem-like cancer cells	Dr. Paola Ungaro, IEOS-CNR
SAPONARO	MARISA	Identification of lead compounds from Marine Natural Products as novel therapeutic strategies to treat neurodegenerative disorders	Carmela Gallo, Genoveffa Nuzzo
SIVACCUMAR	JWALA PRIYADARSINI	Preparation of recombinant Fabs and their use as Targeting agents	Dr. Luigi Vitagliano; Dr. Menotti Ruvo, IBB-CNR
VERMA	ANKIT	Investigation of differentially methylated regions associated with genomic imprinting and imprinting disorders	Prof. Andrea Riccio, Univ. Vanvitelli
VERMA	HENU KUMAR	Identification and characterization of gm4340 (Thoc4) RNA binding gene expression in mRNA Export in Embryonic Stem Cells	Prof. Geppino Falco, Unina
VERRILLO	LUCIA	Towards the identification of new therapeutical compounds for a malignant epileptic encephalopathy caused by mutations in Aristaless-related homeobox gene	Dr. Maria Pia Miano, IGB-CNR
VITALE	GIOVANNI ANDREA	Marine environment as a source of new multiactivity pigments and bioactive molecules	Dr. Donatella De Pascale, IBP-CNR