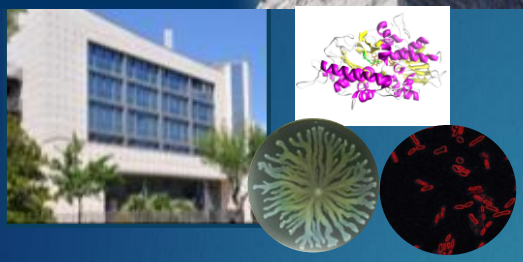
ROMA TRE
UNIVERSITÀ DEGLI STUDI

PhD in Biomedical Science and Technology



PhD Coordinator
Prof. Paolo Visca
paolo.visca@uniroma3.it

2017 Call - XXXIII cycle 8 Fellowships

RESEARCH PROJECT TITLES

Curriculum Biochemistry/Pharmacology

Study of the structural bases of protein-ligand molecular recognition for the development of novel bioinformatics tools for drug design. Contact Prof. Fabio Polticelli (fabio.polticelli@uniroma3.it)

Structure-function relationship of natural and synthetic compounds of biomedical interest. Contact: Prof. Paolo Ascenzi (paolo.ascenzi@uniroma3.it)

Identification of novel therapeutic targets for the treatment of autism spectrum disorders by an integrated biochemical and pharmacological approach. Contact: Prof.ssa Viviana Trezza (viviana.trezza@uniroma3.it) and/or Prof.ssa Alessandra di Masi (alessandra.dimasi@uniroma3.it)

Curriculum Physiology/Microbiology

Biomedical impact of estrogen/neuroglobin pathway modulation by natural and synthetic compounds. Contact: Prof.ssa Maria Marino (maria.marino@uniroma3.it)

Xenobiotic effects on cholesterol metabolism: biomedical repercussions. Contact: Prof.ssa Valentina Pallottini (valentina.pallottini@uniroma3.it)

Advanced spectroscopic and nanoscopic approaches for the development of anticancer drugs related to proteins belonging to the p53 family Contact: Prof.ssa Anna Rita Bizzarri (bizzarri@unitus.it)

Functional characterization of anti-virulence compounds targeting Pseudomonas aeruginosa quorum sensing. Contact: Prof.ssa Livia Leoni and/or Prof. Giordano Rampioni (livia.leoni@uniroma3 and/or giordano.rampioni@uniroma3.it)

Meticillin-resistant Staphyloccus aureus (MRSA) in intensive animal husbandry; public health implications. Contact: Prof. Paolo Visca (paolo.visca@uniroma3.it)

Studying the link between zinc-starvation response and other global regulatory networks controlling Pseudomonas aeruginosa virulence. Contact: Prof. Paolo Visca (paolo.visca@uniroma3.it)

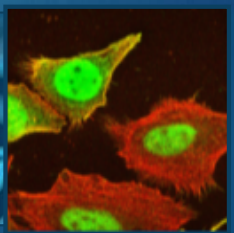
Signaling and functions of extracellular vescicles trasporting microbial molecules Contact: Prof.ssa Elisabetta Affabris(elisabetta.affabris@uniroma3.it)

Advanced molecular methods for microbiological controls of food and for the diagnosis of urinary tract infections. Contact: Prof. Giovanni Antonini (giovanni.antonini@uniroma3.it)

DEADLINE is end of JULY 2017

For application and additional information
http://www.scienze.uniroma3.it/phd/4



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