



FONDAZIONE INF-ACT

One Health Basic and Translational Research Actions Addressing Unmet Needs on Emerging Infectious Diseases

1 SENIOR POSTDOC

2 YEARS

***Istituto Nanoscienze CNR- Laboratorio NEST, Scuola Normale Superiore
Pisa, Italy***

In the framework of the EU-funded research program "One Health Basic and Translational Research Actions Addressing Unmet Needs on Emerging Infectious Diseases" (**INF-ACT**), the project (Research node 5 WP5.5 - Innovative antimicrobial materials-antibiofilm-drug delivery strategies)

"New Therapeutic Strategies"

aims to develop innovative therapeutic approaches against emerging infectious diseases through the development of functionalized photosensitizing nanoparticles and nano-systems incorporated with antimicrobial agents. Detailed project description will be given to interested applicants (<https://www.inf-act.it/index.php#mission>).

QUALIFICATIONS AND EXPERIENCE:

- University Degree in Biological Sciences, or in Biotechnologies or in similar topics
- PhD in Biotechnologies, or in Microbiology or in similar topics
- Well-documented experience of techniques of microbial cultivation, isolation and identification, knowledge of microbial biofilm formation

A research contract with a salary of about 1.900 net per month will be provided (Assegno di ricerca senior). The project will be carried out in close collaboration with theoretical-computational groups. The ability to work as a part of a diverse team and independently is important.

Contact: interested applicants are recommended to get in touch as soon as possible with **Dr. Antonella Sgarbossa** (antonella.sgarbossa@nano.cnr.it)

Fondazione di Partecipazione INF-ACT. Corso Strada Nuova 65, 27100 Pavia – Hub del progetto Partenariati Estesi PNRR M4C2, Linea 13 "Malattie Infettive Emergenti"

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