



Michela Salamone

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Address: Via Caporra, 22, 84030, Caselle in Pittari, Italy (Home) |

Address: Via Atri, 31, 80138, Napoli, Italy (Second address)

WORK EXPERIENCE

01/01/2023 – CURRENT Naples, Italy

PHD STUDENT UNIVERSITY OF NAPLES "FEDERICO II"

Biomonitoring of micro- and nano-plastics and development of bioremediation protocols for plastic materials; Extraction and Characterization of Microplastics in Food; Evaluation of Environmental Toxicity of Biodegradable and Non-Biodegradable Plastics; Characterization of the Plastisphere Associated with Micro- and Macroplastics in river and marine ecosystem.

- Contribution to scientific articles
- Safety and quality assessment of environmental matrices Techniques for isolation and molecular identification of bacteria, yeasts and moulds from environmental and food matrices
- Characterisation of the microbial facies of soil, water, wastewater, sediments
- Molecular microbiological analyses (bacterial and viral DNA extraction, PCR, qPCR, RT qPCR, electrophoresis, Sanger sequencing, NGS)
- Quality and safety monitoring of thermal, mineral and surface waters.

Business or Sector Professional, scientific and technical activities | **Department** Department of Biology |

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08/07/2022 – 04/03/2023 Naples, Italy

VOCATIONAL TEACHER CERTFORM S.R.L.

- Lecturer in the course Circular Economy Environments (122 h) - Topics covered: Principles of environmental sustainability in relation to the circular economy in ARPAC; The sampling plan according to circular economy principles; The efficiency of sampling and storage processes; Transport and storage from a sustainable perspective.

Business or Sector Education

01/09/2020 – 30/10/2022 Naples, Italy

RESEARCH SCHOLARSHIP HOLDER UNIVERSITY OF NAPLES "FEDERICO II"

- Scientific Research for IWRM (Integrated Water Resources Management) Innovation
- Member of the Water Safety Plan and Microbiological Accreditation Working Groups at Azienda Acqua Bene Comune Napoli
- Participation in Europlanning and Innovation Groups with National and International Partners
- Data Processing, Report Writing, and Dossier Preparation
- Collaboration in Scientific Article Writing
- Shelf Life Monitoring of Food and Feed
- Safety and Quality Assessment of Environmental Matrices, including SARS-CoV-2 Detection in Hospital Surfaces, Sewage Sludge, and Wastewater
- Quality and Safety Monitoring of Thermal, Mineral, and Surface Waters
- Application of Effective Microorganisms for Biological Treatment of Wastewater and Surface Water
- Microbiological Analysis of Wastewater and Environmental Water: RNA and Viral DNA Concentration, Extraction, and Amplification

● **EDUCATION AND TRAINING**

23/11/2020 – 02/11/2021
SPECIALIZED TRAINING COURSE ON EUROPEAN PROJECT PLANNING Studio Saperessere, Prodos Consulting, Cittadinanzattiva, Legambiente e Arci

29/03/2021 – 10/06/2021
ADVANCED E-LEARNING COURSE ON "EUROPEAN FUNDS PLANNING AND MANAGEMENT: UNDERSTANDING AND PRESENTING A PROJECT" Consorzio Promos Ricerche, Scuola di Governo del Territorio

12/2019
STATE EXAMINATION FOR PROFESSIONAL QUALIFICATION AS A BIOLOGIST University of Naples "Federico II"
Registration with the National Order of Biologists n. AA_084224

22/03/2019
MASTER'S DEGREE IN BIOLOGICAL SCIENCES LM_6 University of Naples "Federico II"
Final grade 107/110 **Level in EQF** EQF level 7

Thesis "One Health" Approach for Human Health Protection: Study on the Circulation of Enteric Viruses in Water and Sediments in the Campania Region

09/12/2014
BACHELOR'S DEGREE IN BIOLOGICAL SCIENCES L-13 University of Naples "Federico II"
Level in EQF EQF level 6

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

Napoli, 24/07/2025

Autorizzo l'ISS e l'Associazione NanoInnovation al trattamento dei miei dati personali e la loro conservazione ai fini organizzativi e amministrativi, secondo quanto previsto dal Regolamento UE 2016/679

 