

## Curriculum Vitae

**Lucia Bonadonna**

### *Current Appointment*

Research Director  
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### **PROFESSIONAL EXPERIENCE**

2018 – present: Research Director. Unit Water Quality and Health. Dept. of Environment and Health.  
 2011 – 2017: Head, Unit of Environmental Microbiology and Virology, and Wellness. Dept. of Environment and Primary Prevention. Istituto Superiore di Sanità.  
 2004 – 2011: Unit of Hygiene of Inland water. Dept. of Environment and Primary Prevention. Istituto Superiore di Sanità.  
 From 2001: Research Director.  
 1997 – 2001: Senior Researcher. Unit of Environmental Microbiology. Dept. of Environment and Primary Prevention. Istituto Superiore di Sanità.  
 1996 – 2004: Head, Unit of Environmental Microbiology. Lab. of Environmental Hygiene. Istituto Superiore di Sanità.  
 1988 – 1997: Researcher. Unit of Environmental Microbiology. Lab. of Environmental Hygiene. Istituto Superiore di Sanità.  
 1983 – 1987: Scholarship holder. Unit of Environmental Microbiology. Lab. of Environmental Hygiene. Istituto Superiore di Sanità.  
 1982 – 1983: Visiting Scientist at the Laboratory of Applied Biochemistry, Department of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139, USA  
 1981: BSc at the University of Rome La Sapienza.  
 1979 – 1981: Activity on aquaculture and water quality at the ENEA Casaccia; Rome, Italy

The activities are mainly focused on the areas of environmental microbiology, microbial pathogens, water-related pathogens, waterborne diseases, microbiology of product categories such as tattoo inks, cosmetics, medical devices, toys. Studies are also related to an evaluation support and technical-scientific advice both to central institution such as the Ministry of Health and Ministry of Environment and regional public institutions in preparing and implementing health planning and regulations. Part of the activity is also related to responsibility in international and national research programs aimed at the evaluation of microbial risks associated with water. Some activities are addressed to the elaboration of guidelines in collaboration with the World Health Organization.

Other activities include:

Basic and advanced training activities on topics concerning drinking and bathing water, also involving risk assessment, addressed to personnel of the National Health Service and to students at Universities of Rome “Tor Vergata”, “La Sapienza” and “Foro Italico”.

Expert of the National WG on security of water supply systems in Italy (Italian National Institute of Health).

Expert of National Board (Ministry of Health – Italian National Institute of Health) for the harmonization of analytical methods for drinking water.

Italian delegate within European (EU Commission) workgroup European Microbiology Advisory Group.

Expert of World Health Organization for Water Safety in Public Building.

Expert of World Health Organization for the Guidelines for Drinking-Water Quality. Vol. I Recommendations.

Expert of the World Health Organization for the Guidelines for safe recreational water environments - Vol. 2 Swimming pools and similar environments.

Expert of the World Health Organization for the Guidelines for Safe Recreational-water Environments: coastal and fresh water. Bathing Water.

Expert of the World Health Organization for the Guidelines for Safe Recreational-water Environments: coastal and fresh water. Swimming pools.

Expert of World Health Organization for the Guidelines for Drinking-Water Quality. Addendum. Microbiological agents in drinking water.

Expert of World Health Organization for the Expert Meeting, Guidance on HPC Drinking Water.

Expert of the component "Water quality assessment" within the study on "Health and social conditions in the districts of Galle, Matara, Kalutara, Trincomalee, Sri-Lanka" (Sri Lanka, Co-financed project Department of Civil Protection & ISS).

Short term expert within the Twinning project PL2004/IB/EN02 "Management System on Drinking Water Monitoring in Chief Sanitary Inspectorate" (Poland).

Short term expert within the Twinning project PL2005/IB/EN/03 "Extension of the Sanitary Supervision System in the Area of Water Quality" (Poland).

Short term expert within the Twinning light project EE04/IB/SO/01 "Working out Methodology and Technical Specifications for Computerized Communicable Disease Surveillance System" (Estonia).

Short term expert within the Twinning project BG 06 IB EN 01 "Strengthening of surface water monitoring network operation" (Bulgaria).

Short term expert within the Twinning light project TR 09 IB EN 04 -TWL "Emergency case management and risk analysis in drinking water for the protection of public health" (Turkey).

Co-ordinator of the WG on Microbiological Methods for water intended for human consumption.

She has authored or co-authored over 300 papers in scientific journals and conference proceedings.

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