VALERIANI FEDERICA'S CURRICULUM VITAE

Personal Data
Born in Italy, Viterbo (VT), on July 24, 1981.
Contact
University of Rome "Foro Italico"- Department of Sport Sciences, and Human Health. Unit of Public Health Piazza Lauro De Bosis, 6 - 00135 Rome – Italy
Tel. +39.06.73363223, e-mail *federica.valeriani@uniroma4.it*

Present Occupation

Assistant Professor at the Unit of Hygiene and Public Health, Laboratory of Epidemiology and Biotechnologies University of Rome "Foro Italico"- Department of Movement, Human and Health Sciences, Section of Health Sciences.

Fields of Scientific interest

Environmental microbiology; hot springs waters; indoor hygiene; mfDNA, microflora and microbioma studies; safety of recreational waters: microbiological indicator; public health consensus documents, guidelines and epidemiological surveys; pathogens transmitted through the water; issues related to water management, treatment and disinfection.

Education

- Master in Biological Sciences-Applied Biocatalysis, at the University of Tuscia, Viterbo. Thesis entitled "*Acylase from Streptomyces mobaraensis: set-up of the fermentation process in bench-top bioreactor*", supervisor Prof. F Federici, 110/110 Cum Laude (22/10/2009).
- PhD (06/M1-MED/42) Public Health (2011-2013), XXVI cycle doctorate in "*Physical Activity and Health: biomedical and methodological aspects*" University of Rome "Foro Italico", Scientific- Disciplinary sector MED/42, Hygiene general and Applied. Thesis: "*Development of innovative methods for monitoring recreational water safety and quality*" (Tutor: Prof. V Romano Spica).

Scientific activity

2019-today - Assistant Professor - MED/42 - General and Applied Hygiene at the Laboratory of Epidemiology and Biotechnology of the University of Rome "Foro Italico".
2018 – 2019 - Research Fellowship at the Department of Movement, Human and Health Sciences of the University of Rome "Foro Italico", Scientific-Disciplinary Sector MED / 42 - General and Applied Hygiene.
2017 – 2018 - Research Fellowship at the Department of Movement, Human and Health Sciences of the University of Rome "Foro Italico", Scientific-Disciplinary Sector MED / 42 - General and Applied Hygiene.
2017- Research Fellowship for RESEARCH activities on issues related to the development of methods for the study of antimicrobial properties of nanotechnological.
2017 - Research Fellowship for consultancy as an expert in the field of education in school hygiene at the University of Rome TRE, Degree in Primary Education Sciences.
2013 – today - Professor of Hygiene (MED/42) at University Roma TRE, UNICUSANO, University of Sapienza
2016 - Research Fellowship for activities on issues related to the development of methods for the study of antimicrobial properties of materials, development and patenting of a prototype for the evaluation of materials and disinfectants and prevention interventions; A&T Europe S.P.A, MDD University Spin-off, as part of a Research Agreement with the "Foro Italico" University of Rome.
2014. Research fellow at the Unit of Public Health, University of Rome "Foro Italico"- Department of Sport Sciences, and Human Health.

Other activities

- Component of the working group for the translation and dissemination of the Italian edition of the guidelines "Water safety in building", published World Health Organization. Working group Movement Sciences for Health GSMS-SItI, of the Italian Society of Hygiene, Preventive and Public Health.
- Winner of an international scholarship for participation of ESCMID Postgraduate Education Course "Infections by Legionella: Surveillance, Prevention and Control". Erice, April 2014.

 Collaborator for the laboratory of Epidemiology and Biotechnology at University of Rome “Foro Italico”: analysis of environmental samples (e.g. Legionella - ISO 11731:1998, and molecular methods).

 Collaborator online textbook www.wikigiene.it (online supplement for *Igiene, Educazione alla Salute e Sanità Pubblica*, Antonio Delfino Editore, Roma 2014 and for *Igiene e Sanità Pubblica per Scienze Motorie, II Edizione* 2010).

 Member of the Italian Society of Hygiene, Preventive and Public Health, SItI.

Teaching activities

 Adjunct Professor for AA 2013-today teaching “School Hygiene/Igiene Scolastica” (disciplinary sector MED/42) at the CDL Primary Formation Sciences, University of Roma Tre (www.uniroma3.it).

 Relator of dissertations on topics of General and Applied Hygiene (MED/42) CDL Primary Formation Sciences, University of Roma Tre (www.uniroma3.it):

Scientific Publications

Author of 124 scientific products
Author of 62 papers published on international scientific journal (Impact factor > 136).