






PERSONAL INFORMATION CARLA MARIA ZOTTI

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Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

Director of the Department of Public Health and Paediatric Sciences (DSSPP) of the University of Turin (from October 1st 2021 to now).
 Dean of the Postgraduate School of Hygiene and Preventive Medicine (from November 1st 2021 to now)
 Dean of the Nursing Degree Course of the University of Turin (from October 2015 to September 2021)
 President of the University Library of Medicine (from March 2016 to April 2022)
 Head of the “Hygiene -Microbiology and Serology Laboratory” of the DSSPP (from January 2003 to now)
 Lecturer at the following university courses from 1999:
 • Faculty of Medicine and Surgery: “Methodology of Research”, “Public Health”, “Occupational Risk and Prevention”
 • Nursing Degree: “Epidemiological Methods”
 • Dental Hygiene Degree: “General and Applied Hygiene”
 • Bachelor of Science in Dentistry : “General and Applied Hygiene”
 • Nursing and Obstetrician Master’s Degree: “Public Health Contribution”

EDUCATION AND TRAINING

She graduated in Biological Sciences in 1977 at the University of Turin..
 From November 1998 she was Associate Professor

From October 2016 she is Full Professor at the Faculty of Medicine and Surgery of the University of Turin.

WORK ACTIVITIES

Her main fields of research include infectious disease epidemiology and surveillance, with a specific focus on healthcare-associated infections (HAIs), antimicrobial resistance (AMR), including surveillance and infection prevention and control (IPC) activities.

Her scientific activity has also focused on the epidemiology, diagnosis and prevention of infectious diseases in vertical transmission (Toxoplasmosis, Rubella) and immunization programs targeted towards the general population and risk groups (influenza among healthcare workers, and pertussis in pregnancy).

Her work has focused on hepatitis viruses and immunization against HBV, also within the national surveillance system for viral hepatitis, coordinated by the national health institute (ISS).

She has also promoted awareness to the prevention of infectious diseases in the workplace of students and health professionals, through the drafting of protocols and the organization of specific training on occupational risks. During the COVID-19 pandemic, she has focused on the pattern of disease spread and the serological response to immunization.

The scientific activity of the DSSPP laboratory is currently mainly focused on research and control of contamination by Legionella and Non-Tuberculous Mycobacteria in healthcare facilities.

Member of the Working Group responsible for coordinating vaccination activities at the Public Health Department of Region of Piedmont until 2017
Member of the National Observatory of good practices (Agenzia nazionale per i servizi sanitari regionali, AGENAS, Ministry of Health) from March 2018 to February 2021.

Currently, she is coordinator of the Working Group “GLICA” concerning surveillance, prevention and control of HAIs at the Public Health Department of the Region of Piedmont (from 2007 to now). The Group coordinates regional surveillance activities and national projects promoted by the Italian and European centers for disease prevention and control (CCM-ISS and ECDC).

From 2014 C.M. Zotti has collaborated with the ISS-CCM in projects pertaining to HAI and AMR prevention.

In 2014, she was involved in a project aiming to develop best practices for AMR surveillance and control.

In 2015, she received the mandate by the CCM-ISS to perform a national survey of HAIs. This project led her to coordinate the national point prevalence studies of HAIs and antimicrobial use in acute care hospitals (PPS) and long-term care facilities, LTCFs (HALT), promoted by the ECDC and part of European surveys conducted in 2017.

In 2019, she was appointed by the CCM-ISS as responsible for developing a national surveillance system for HAIs and antimicrobial use prevalence in acute care hospitals and LTCFs, as part of a national initiative to standardize and institutionalize surveillance systems pertaining to HAIs and IPC.

In 2019, she was involved in the CCM-ISS project developed to guide the implementation of the PNCAR (Piano Nazionale di Contrasto

dell'Antimicrobico-Resistenza) at the National Health System level. This project involved literature reviews to identify national and international guidelines and protocols, and defining and validating a framework for action.

PERSONAL SKILLS

Throughout her research activity, she strives to bridge the gap between scientific evidence and clinical practice, which has led her to investigate the effectiveness of several implementation strategies. She feels strongly against “contemplative epidemiology”, and aims to provide strategies and tools to address identified issues, improving healthcare quality and patient safety

ADDITIONAL INFORMATION

Main fields of research include infectious disease epidemiology and surveillance, with a specific focus on healthcare-associated infections (HAIs), antimicrobial resistance (AMR), including surveillance and infection prevention and control (IPC) activities. Development of protocols and tools for surveillance, definition of indicators and priorities appropriate for IPC action and assessment of the impact of evidence-based guidelines on the use of antibiotics summarize the objectives to be pursued and the actions to be implement.