

MASSIMO MORETTI

BIOSKETCH

EDUCATION AND QUALIFICATION

Degree in Biological Sciences with highest marks cum laude (1989), University of Perugia.

Professional qualification as Biologist (1994), University of Perugia.

Post-graduate specialization in Biochemistry and Clinical Chemistry (1998), University of Camerino.

ACADEMIC QUALIFICATION

Research Assistant since 1991 at the Department of Hygiene, University of Perugia.

Senior Researcher at the Department of Medical-Surgical Specialties and Public Health (Faculty of Pharmacy), University of Perugia (2002-2013).

At present, Associate Professor of Hygiene and Public Health (sector MED/42), Department of Pharmaceutical Sciences, University of Perugia.

In 2013 he has achieved the National Scientific Qualification (ASN) as Full Professor in General and Applied Hygiene (Sector 6/M1).

ASSIGNMENTS

- Scientific Coordinator of the Section of Biochemistry and Health Sciences; Department of Pharmaceutical Sciences, University of Perugia.
- Member of the Academic Committee of the PhD Program in Pharmaceutical Sciences, University of Perugia.
- Member of the Executive Board of the Department of Pharmaceutical Sciences, University of Perugia.
- Member of the Executive Council of the DELPHI (Discovery Platform in Pharmaceutical Sciences) StarLabs, University of Perugia.
- President of the Master's Degree Course (2014-2016) in Food Sciences and Human Nutrition, University of Perugia.
- Member of the Scientific Board of the Inter-University Research Center on Pollution and Environment "Mauro Felli" (CIRIAF), University of Perugia.
- Member of the Executive Board of the Inter-University Centre for the Environment (CIPLA), University of Perugia.
- Member of the Scientific Committee of the Experimental Center for Health Promotion and Education (CeSPES), University of Perugia.
- Member of the Umbria Region Epidemiological Observatory on Environment and Health.
- Member of the National Committee for Monitoring the Biological Sciences University Courses, National Order of Biologists (Ordine Nazionale dei Biologi, ONB).

RESEARCH TOPICS

Principal/associate investigator in research grants awarded by: European Commission (LIFE+); Italian Ministry of Education, University and Research; Italian Research Council; INAIL (Italian Workers' Compensation Authority); Umbria Region.

The focus of his research in the field of Hygiene has been on:

- molecular epidemiology studies of occupational (e.g., rubber production, graphite electrode manufacturing, pesticides spraying, handling/administration of antineoplastic drugs) or residential (e.g., air pollution) exposure to genotoxic xenobiotics using biomarkers of biologically effective dose, early biological effects, and genetic susceptibility;
- evaluation of mutagenic/genotoxic properties of ambient and indoor air pollutants (e.g., particulate matter) by in vitro and in situ tests;
- evaluation of mutagenic/genotoxic properties of water pollutants (e.g., disinfection by-products) by in vitro, in vivo and in situ tests;
- evaluation of genotoxic and/or co-genotoxic activity of physical pollutants (e.g., extremely low-frequency magnetic fields, ELF-MF);
- evaluation of antimutagenic/antigenotoxic properties of probiotics and vegetable extracts;

- assessment of antibacterial/antimycotic power of disinfectants in new drug formulations with controlled release delivery systems.

He has spent several study/research stays abroad at Research Institutions such as the Institut für Hygiene und Toxikologie, Bundesforschungsanstalt für Ernährung, Karlsruhe (Germany), and the Institute for Environmental Management and Department of Biological Sciences, Western Illinois University, Macomb IL (USA).

Scientific contributions have been published in more than 100 publications in peer-reviewed international journals and have been also presented at numerous international meetings.

Reviewer of many International scientific journals, such as Archives of Industrial Hygiene and Toxicology; Bulletin of Environmental Contamination and Toxicology; Cancer Biomarkers; Ecotoxicology and Environmental Safety; Environmental Toxicology & Pharmacology; Food and Chemical Toxicology; Mutagenesis; Mutation Research; Toxicological & Environmental Chemistry.

He is part of the Editorial Board of several journals among which is International Journal of Environmental Research and Public Health; Mutation Research - Genetic Toxicology and Environmental Mutagenesis; Journal of Toxicology.

PROFESSIONAL SOCIETY MEMBERSHIPS

- Member of Italian Society of Hygiene, Preventive Medicine and Public Health – S.It.I. (Past-President of the Umbrian Regional Section).
- Member of the Steering Committee of ComNet (Comet Network) Project on the Comet Assay in Human Population Studies.
- Member of the Teaching Board of the hCOMET Project (DNA damage in human biomonitoring).

TEACHING ACTIVITY

Teaching activity at the University of Perugia:

- Hygiene and Public Health; Medical Statistics (Master's Degree Course in Pharmacy);
- Applied Hygiene (Degree Course in Nursing);
- Environmental Hygiene (School of Specialization in Hygiene and Preventive Medicine).

BIBLIOMETRIC PARAMETERS

(updated on September 15, 2023)

Total publications:

- Scopus 138 / ISI 118

No. of citations:

- Scopus 3,390 / ISI 2,676

H-index:

- Scopus 33 / ISI 31