

Arianna GIORGETTI

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Education and main Academic roles

I earned my medical degree cum laude and with the highest honours from the Politecnica University of Marche in 2015, completing a short internship of a few months at the University of Hertfordshire, School of Life and Medical Sciences (Hatfield, Herts,UK). I completed in 2020 my postgraduate specialization in Legal Medicine at the University of Modena and Reggio Emilia, after attending two years at the University of Padua, and one year at the University of Freiburg, Germany, at the Unit of Legal Medicine and Forensic Toxicology. Last year I obtained a PhD in General Medical and Services Sciences, with a curriculum in Bio-medico-legal sciences, at the University of Bologna, while being appointed since 2021 as a Junior Assistant Professor of Legal Medicine in the Department of Medical and Surgical Sciences at the University of Bologna.

Memberships and Appointments

Recipient of an international Scientific Awards in Forensic Toxicology by the Society of Hair Testing and of several national Scientific Awards in Forensic Pathology. Active Reviewer of several peer-reviewed journals, Review and Guest Associated Editor of scientific journals all provided of impact factor, in the fields of Addictive disorders, Psychopharmacology, Environmental and Clinical Toxicology. Member of the American Academy of Forensic Science (AAFS) Section Toxicology, The International Association of Forensic Toxicologists (TIAFT), the Italian Group of Forensic Toxicology (G.T.F.I.)

Main Research Topics and Patents

I am interested in a wide range of research topics, including forensic and clinical toxicology, with a particular focus on NPS and biomarker of synthetic cannabinoids, environmental toxicology, forensic pathology, clinical forensic medicine and legal medicine, medical malpractice, forensic radiology, and applied artificial intelligence as well as telemedicine. I have written over eighty-five peer-reviewed papers, edited several treatises, and contributed to chapters in internationally recognized books. I am member of the unit of a nationally funded project and Principal Investigator of another funded project on environmental toxicology.