

Roberto G Lucchini – Biosketch updated on May 27,2024

Dr. Lucchini received his medical degree from the University of Brescia, Italy, in 1987. In 1991, he obtained his Certification of Specialization (Board Certification) in Occupational Medicine from the University of Parma, Italy. From 1992 to 2022 he served as a MD and Professor of Occupational Medicine at the University of Brescia and since 2023 he is affiliated with the University of Modena and Reggio Emilia, Italy.

From January 2012 to June 2020, he was the Director of the Division of Occupational and Environmental Medicine at the Icahn School of Medicine at Mount Sinai, New York. Dr. Lucchini was also the Director of the World Trade Center Data Center at Mount Sinai and the Director of the NIOSH funded Education and Research Center for the States of New York and New Jersey. In these capacities, he coordinated the epidemiological health surveillance of the workers involved in the clean-up operations after 9/11. He also supervised the training and research programs within the ERC network, which includes Rutgers University, NYU, CUNY, and the New Jersey Institute of Technology. Since 2020, Dr Lucchini is a Professor at the School of Public Health, Florida International University, where he joined the Brain, Behavior and Environment center and the Consortium of Global Health, where he continues his research interests with further developments in a highly qualified scientific environment. At FIU he is the co-Director of the NIEHS funded Training in Environmental Neuroscience T32 Program <https://tens.fiu.edu/>.

Dr. Lucchini's research is focused on the health effects of neurotoxic chemicals and the biological mechanisms by which metals, pesticides, persistent organic pollutants, particulate matter and other toxic chemicals can cause injury in the human nervous system, from neurodevelopment to neurodegeneration. He and his team have conducted studies in general populations as well as in occupational groups. With support from the Italian National funds, the European Union and NIEHS, they have assessed the effects of neurotoxic chemicals across the life span in populations that range in age from early childhood, through adult life to old age. They have also undertaken studies in patients with neurodegenerative diseases and the role of occupational and environmental determinants in aging. These studies are focused in the highly industrialized provinces of Brescia and Taranto and target the exposure to neurotoxic metals including manganese.

Dr. Lucchini became involved with the research on the health effect among workers and responders who were exposed to chemicals and intense psychological trauma at the World Trade Center after the 9/11 terroristic attack. He is studying the increased frequency of cancer, respiratory, mental health and neurological conditions through the use of fMRI and PET imaging techniques, focusing on the WTC responders residing in Florida <https://wtcfl.fiu.edu/>

ResearchGate: www.researchgate.net/profile/Roberto_Lucchini

Linkedin: [linkedin.com/pub/roberto-lucchini/34/145/124](https://www.linkedin.com/pub/roberto-lucchini/34/145/124)

Published Work in MyBibliography: <http://goo.gl/cGV0mk>

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