

Prof Maurizio Gualtieri took his master's degree (cum laude) in Environmental Sciences and PhD in environmental sciences with a focus on cell biology of air pollutants at the University of Milano-Bicocca where he worked, further on, to unravel the relation between the *in vitro* toxicological effect of particulate matter. He worked as visiting researcher and postdoc at the Norwegian Institute of Public Health, Dept of Air pollution and Noise (Oslo, Norway), and covered the position of Professor in Toxicology at the University of Littoral Cote D'Opale (Dunkerque, France). He covered a permanent research position at the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA – SSPT-MET-INAT Laboratory of Air Pollution) working on the toxicological effects and on the health impact assessment of air pollutants.

Currently, he is Associate Professor at the University of Milano-Bicocca, Dept. of Earth and Environmental Sciences where he is investigating toxicological outcomes in *in vitro* lung models at relevant environmental doses of exposure of air pollutants. The outcomes aim at linking these novel approaches with the health impacts of air pollution. He has published over 70 peer-reviewed scientific articles on the effects in *in vitro* lung models of airborne particulate and engineered nanoparticles. He is now focusing his scientific attention on the effects of fine and ultrafine particles on cells cultured at the air liquid interface and exposed under real environmental conditions. He is working on the health impact assessment of air pollutants with exposure-response functions.