

Born in Novara (Italy) in 1983. Second level degree in Earth and Environmental Sciences, University of Milano-Bicocca (2008). PhD in Environmental Sciences with a special focus on Nanotoxicology, University of Milano-Bicocca (2012). Post-doctoral experiences at the University of Milano-Bicocca and Luxembourg Institute of Science and Technology (LIST) where EM is actually working as R&T Associate in Respiratory Toxicology.

Field of research: development of complex 3D co-culture *in vitro* models for respiratory toxicology in order to improve the understanding of the exposure, uptake and molecular toxicity of environmental (nano) particles and chemicals on human cells and thereby on environmental health. Her previous activities were focused on the study of the mechanistic aspects driving the toxicity of new metal-based nanomaterials on *in vivo* and *in vitro* systems.

EM has mainly expertise in cell culture maintenance, biochemical assays, confocal microscopy and co-culture growth and exposure at Air Liquid Interface using advanced devices.