Francesco Turci graduated in Chemistry at the University of Torino in 2001, where he obtained in 2005 a PhD degree in Chemical Sciences with a thesis on asbestos hazard in the Western Alps. From 2015, he is deputy director of the Scansetti Center of University of Torino. His scientific work is currently committed to the study of nanoparticle surface reactivity towards biological relevant molecules, and to the understanding of the surface-driven adsorption processes, structural modification and functional impairment of biomolecules. His research activities are conducted in cooperation with scientists from different fields, including geology, biology, and medicine. He has a sound knowledge of the main physico-chemical characterization techniques required for investigating bulk and surface properties of fibers and particles in the context of nano-toxicology.

FT coordinated a multidisciplinary research project on the environmental fate of asbestos nanofibres in water and was in charge of the FP7 funded AddNano research contract with Polytechnic of Torino for the evaluation of the toxicity of inorganic fullerenes for automotive use.

FT has been visiting researcher at Prof. M. Hochella’s Nanobiogeochemistry Lab, at Virginia Polytechnic, Blacksburg, USA and Prof. H. Byrne, Focas Institute, DIT, Dublin. He was recently awarded of a QNano Transnational Access for studying the protein corona formation on quartz nanoparticles at the Center for BioNano Interaction at UCD, Dublin, Prof. K. Dawson.

FT is co-author of more than 60 scientific communications, including 2 book chapter, 1 patent, 2 reviews and 47 articles in high-ranking peer-reviewed scientific journals in the fields of inorganic and physical chemistry, geochemistry, biochemistry, and nanotoxicology. His scientific work has an h-index of 17, with more than 700 citations (http://orcid.org/0000-0002-5806-829X).