

Anna Luisa Costa

I am working at CNR-ISSMC, Faenza, from 2008 with permanent position, leading the Environmental Nanotechnology and Nanosafety Group. I acquired skills in different fields: sol-gel synthesis and colloidal properties; design and functional characterization of nanostructured systems (nano/micro catalysts and carriers, photoactive and antibacterial coatings, multi-functional textile, adsorbent matrices for air/water purifying systems).

Since 2012, I have been investigating the benefits and potential risks that nano-phases may pose to human health. I have played, and continue to play, a key role in several European research projects on nano-safety, including SUN, PROTECT, PATROLS, BIORIMA, NANOINFORMATIX, SUNSHINE, SABYNA, PLASTICSFATE, PINK, and INTEGRANO. Additionally, I coordinated the European research projects SANOWORK and ASINA, both focused on developing Safe-by-Design practices for nano-manufacturing. My research activity is documented in over 110 ISI peer-reviewed papers in the fields of colloidal science, environmental nanotechnology, and nano-safety (ORCID: 0000-0003-1407-6498).