SCIENTIFIC SERIES

"An integrative biology approach to nanomaterial effect assessment: a case study in marine molluscs"

Nowadays the rapid increase in production and use of Engineered Nanomaterials (ENMs) is posing concerns on potential environmental hazard and risk. Therefore, the understanding of environmental fate, ecotoxicity and mechanism of action of ENMs is a high-priority task to safeguard ecosystems but also to support a safe-by-design approach from the industry.

Dr. Francesco Dondero

University of Piemonte Orientale

Senior Scientist at Department of Science and Technological Innovation (DiSIT), University of Piemonte Orientale, Alessandria, Italy. He has a broad experience in ecotoxicology: toxicity testing, data modeling, risk assessment, kinetics and toxico-dynamics of pollutants. He has more than 50 papers as author or co-author in international journals (H-index, 19), focusing recently on the environmental effects and risk of NMs. He is member of the Nanosafety Cluster and has contributed to the European booklet "Nanosafety in Europe 2015-2025: Towards Safe and Sustainable Nanomat. and Nanotech. Innovations", which includes state of the art (SOA) and guidelines for future.

Aula Romeros – Universidad de Burgos
29 de Enero de 2016
12.30 horas

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