



NANOIMPACT

An International Journal of NanoSafety Research

AUTHOR INFORMATION PACK

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DESCRIPTION

NanoImpact is a multidisciplinary journal that focuses on nanosafety research and areas related to the impacts of nanoscale processes and materials (manufactured and incidental nanomaterials, including ultrafine particles and nanoplastics) on human and environmental systems. As such it will publish in the following areas:

- **Human Nanotoxicology** - nano-bio interactions and effects on human health;
- **Econanotoxicology** - nano-bio interactions and effects on organism and ecosystem health;
- **Exposure**- nanomaterial formation, release, transformation fate and behavior in the environment and human/engineered systems;
- **Risk Assessment and Life Cycle Assessment**
- **Nano-informatics** - modelling, data curation
- **Nano-governance**: Policy, regulation, perception

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IMPACT FACTOR

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Elijah J. Petersen, National Institute of Standards and Technology, Cell Systems Science Group, Gaithersburg, Maryland, United States

Nanomaterials, carbon nanomaterials, standardization, nanoecotoxicity, carbon nanotubes.

Dale Porter, National Institute for Occupational Safety and Health Health Effects Laboratory, Morgantown, West Virginia, United States

nanotoxicology, pulmonary toxicology, inhalation toxicology

David Tai Leong, National University of Singapore Life Sciences Institute, Singapore, Singapore

Nanobiology, Nanotoxicology, Blood vessels, Nanomedicine

Jason White, Connecticut Agricultural Experiment Station Department of Analytical Chemistry, New Haven, Connecticut, United States

Nanotoxicology; Econanotoxicology; Food safety; Nano EHS

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Nanoparticle, in vitro, ex vivo, biological barriers, nanomedicine, nanosafety, method development

Wendel Wohlleben, BASF SE, Material Physics, Ludwigshafen, Germany

Identification, characterization and grouping of nanoforms, Lifecycle and release testing of nano-enabled products, Femtosecond spectroscopy

Bing Yan, Guangzhou University, Guangzhou, China

nanoparticle functionalization, nanotoxicity, cytotoxicity, chemistry, characterization, animal model, molecular interaction, cell signaling, systems toxicology, structural activity relationship

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Bionanotechnology, nanotoxicology, lung cancer, fibrosis, inflammation, apoptosis, drug delivery, drug resistance, stem cell biology, tumor microenvironment, free radical biology

Kai Savolainen, Finnish Institute of Occupational Health, Helsinki, Finland

Nanotoxicology, genotoxicology, immunotoxicology, nanosafety, nanomaterials, risk assessment, regulatory toxicology, pharmacology, oxidative stress

Mark Wiesner, Duke University Department of Civil and Environmental Engineering, Durham, North Carolina, United States

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