Aerosolized ZnO Nanoparticles Induce Toxicity in Alveolar Type II Epithelial Cells at the Air-Liquid Interface

PM10-biogenic fraction drives the seasonal variation of proinflammatory response in A549 cells

Differences in gene expression and cytokine production by crystalline vs. amorphous silica in human lung epithelial cells

Oxidative stress and inflammation response after nanoparticle exposure: differences between human lung cell monocultures and an advanced three-dimensional model of the human epithelial airways

Engineered cobalt oxide nanoparticles readily enter cells

Al2O3 Nanoparticles Induce Mitochondria-Mediated Cell Death and Upregulate the Expression of Signaling Genes in Human Mesenchymal Stem Cells

Metal-based nanoparticles in soil: Fate, behavior, and effects on soil invertebrates

Application and Validation of an Impedance-Based Real Time Cell Analyzer to Measure the Toxicity of Nanoparticles Impacting Human Bronchial Epithelial Cells

Surface Interactions Affect the Toxicity of Engineered Metal Oxide Nanoparticles toward Paramecium

Exposure to Al2O3 nanoparticles changes the fatty acid profile of the anaerobe Ruminococcus flavefaciens

Chronic Al2O3-nanoparticle exposure causes neurotoxic effects on locomotion behaviors by inducing severe ROS production and disruption of ROS defense mechanisms in nematode Caenorhabditis elegans

Copper Oxide Nanoparticles Induce Autophagic Cell Death in A549 Cells

Reactive oxygen species mediated DNA damage in human lung alveolar epithelial (A549) cells from exposure to non-cytotoxic MFI-type zeolite nanoparticles

EPR spin trapping evaluation of ROS production in human fibroblasts exposed to cerium oxide nanoparticles: Evidence for NADPH oxidase and mitochondrial stimulation

Exposure to Al2O3 nanoparticles changes the fatty acid profile of the anaerobe Ruminococcus flavefaciens

Cell Activation and Function Alteration in Rat Livers Induced by Repeated Aluminum Oxide Nanoparticles Exposure

Influence of Earthworms on Extractability of Metals from Soils Contaminated with Al2O3, TiO2, Zn, and ZnO Nanoparticles and Microparticles of Al2O3

[Toxicity of oxide nanoparticles to the green algae Chlorella sp.](http://apps.webofknowledge.com.ezproxy.stanford.edu/full_record.do?product=UA&search_mode=GeneralSearch&qid=9&SID=3DjHPGK36ojJ9DHh4AL&page=2&doc=14" \t "_blank)

Responses of Ceriodaphnia dubia to TiO2 and Al2O3 nanoparticles: A dynamic nano-toxicity assessment of energy budget distribution

Self-Organizing Map Analysis of Toxicity-Related Cell Signaling Pathways for Metal and Metal Oxide Nanoparticles

Repeated-dose toxicity attributed to aluminum nanoparticles following 28-day oral administration, particularly on gene expression in mouse brain

Reproductive and developmental toxicity studies of manufactured nanomaterials

Nanosized Aluminum Altered Immune Function

Skin exposure to micro- and nano-particles can cause haemostasis in zebrafish larvae

DEVELOPMENTAL PHYTOTOXICITY OF METAL OXIDE NANOPARTICLES TO ARABIDOPSIS THALIANA

Response of UMR 106 cells exposed to titanium oxide and aluminum oxide nanoparticles

Bacterial toxicity comparison between nano- and micro-scaled oxide particles

Cell Activation and Function Alteration in Rat Livers Induced by Repeated Aluminum Oxide Nanoparticles Exposure

Responses of Ceriodaphnia dubia to TiO2 and Al2O3 nanoparticles: A dynamic nano-toxicity assessment of energy budget distribution

Repeated-dose toxicity attributed to aluminum nanoparticles following 28-day oral administration, particularly on gene expression in mouse brain

Evaluation of topically applied copper(II) oxide nanoparticle cytotoxicity in human skin organ culture

Cadmium telluride quantum dot nanoparticle cytotoxicity and effects on model immune responses to Pseudomonas aeruginosa

Titanium oxide nanoparticle instillation induces inflammation and inhibits lung development in mice

Chromium(III) oxide nanoparticles induced remarkable oxidative stress and apoptosis on culture cells

The role of nanominerals and mineral nanoparticles in the transport of toxic trace metals: Field-flow fractionation and analytical TEM analyses after nanoparticle isolation and density separation

Relating nanomaterial properties and microbial toxicity

Inflammatory and Oxidative Stress Responses of an Alveolar Epithelial Cell Line to Airborne Zinc Oxide Nanoparticles at the Air-Liquid Interface: A Comparison with Conventional, Submerged Cell-Culture Conditions

Ecotoxicity of manufactured ZnO nanoparticles - A review

Acute and subacute toxicity of novel biogenic selenium nanoparticles in mice

Long-lasting oxidative pulmonary insult in rat after intratracheal instillation of silica nanoparticles doped with cadmium

Genotoxic effects of copper oxide nanoparticles in Neuro 2A cell cultures

Biochemical-, Biophysical-, and Microarray-Based Antifungal Evaluation of the Buffer-Mediated Synthesized Nano Zinc Oxide: An in Vivo and in Vitro Toxicity Study

CdO Nanoparticle Toxicity on Growth, Morphology, and Cell Division in Escherichia coli

The biological toxicities of two crystalline phases and differential sizes of TiO2 nanoparticles during zebrafish embryogenesis development

Advancing risk assessment of engineered nanomaterials: Application of computational approaches

TiO2 nanoparticle-induced ROS correlates with modulated immune cell function

Ecotoxicological impact of sunlight assisted photoreduction of hexavalent chromium present in wastewater with zinc oxide nanoparticles on common Anabaena flos-aquae

Comparative toxicity assessment of CeO2 and ZnO nanoparticles towards Sinorhizobium meliloti, a symbiotic alfalfa associated bacterium: Use of advanced microscopic and spectroscopic techniques

Enhanced resistance to nanoparticle toxicity is conferred by overproduction of extracellular polymeric substances

Tracing Bioavailability of ZnO Nanoparticles Using Stable Isotope Labeling

The complexity of nanoparticle dissolution and its importance in nanotoxicological studies

Genome-Wide Assessment in Escherichia coli Reveals Time-Dependent Nanotoxicity Paradigms

Oxidative stress and inflammatory responses of rat following acute inhalation exposure to iron oxide nanoparticles

Involvement of reactive oxygen species and high-voltage-activated calcium currents in nanoparticle zinc oxide-induced cytotoxicity in vitro

Cd2+ toxicity as affected by bare TiO2 nanoparticles and their bulk counterpart

Differential toxicity of copper (II) oxide nanoparticles of similar hydrodynamic diameter on human differentiated intestinal Caco-2 cell monolayers is correlated in part to copper release and shape

Independent cytotoxic and inflammatory responses to zinc oxide nanoparticles in human monocytes and macrophages

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Effect of different spiking procedures on the distribution and toxicity of ZnO nanoparticles in soil

Hemolytic properties of synthetic nano- and porous silica particles: The effect of surface properties and the protection by the plasma corona

Copper Oxide Nanoparticles Induce Autophagic Cell Death in A549 Cells

Deriving freshwater quality criteria for copper, cadmium, aluminum and manganese for protection of aquatic life in Malaysia

Aluminum may mediate Alzheimer's disease through liver toxicity, with aberrant hepatic synthesis of ceruloplasmin and ATPase7B, the resultant excess free copper causing brain oxidation, beta-amyloid aggregation and Alzheimer disease

Does doping with aluminum alter the effects of ZnO nanoparticles on the metabolism of soil pseudomonads?

Responses of earthworm to aluminum toxicity in latosol

Investigation of the neuroprotective action of saffron (Crocus sativus L.) in aluminum-exposed adult mice through behavioral and neurobiochemical assessment

Heavy metal contamination and metallothionein mRNA in blood and feathers of Black-tailed gulls (Larus crassirostris) from South Korea

Evaluation of environmental risk by metallic contamination and organic compounds in sediments of the Aura River basin, Belem, Para – Brazil

Assessment of Metal Accumulation and Ecological Risk Around Rize Harbor, Turkey (Southeast Black Sea) Affected by Copper Ore Loading Operations by Using Different Sediment Indexes

Fish and seafood availability in markets in the Baie des Chaleurs region, New Brunswick, Canada: a heavy metal contamination baseline study

Trace element concentrations in soils along urbanization gradients in the city of Wien, Austria

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Possible relationship between Al/ferritin complex and Alzheimer's disease

Silicon-Rich Mineral Water as a Non-Invasive Test of the 'Aluminum Hypothesis' in Alzheimer's Disease

The metal transporter SMF-3/DMT-1 mediates aluminum-induced dopamine neuron degeneration

Aluminium induced structural, metabolic alterations and protective effects of desferrioxamine in the brain tissue of mice: An FTIR study

Metal ions affect insulin-degrading enzyme activity

Cerebrovascular protection of beta-asarone in Alzheimer's disease rats: A behavioral, cerebral blood flow, biochemical and genic study

Metal binding sites in amyloid oligomers: Complexes and mechanisms

Aluminium-Maltolate-induced Impairment of Learning, Memory and Hippocampal Long-term Potentiation in Rats

Metal-Sulfate Induced Generation of ROS in Human Brain Cells: Detection Using an Isomeric Mixture of 5-and 6-Carboxy-2 ',7 '-Dichlorofluorescein Diacetate (Carboxy-DCFDA) as a Cell Permeant Tracer

Synergistic influence of phosphorylation and metal ions on tau oligomer formation and coaggregation with alpha-synuclein at the single molecule level

Effect of some medicinal plant extracts on the oxidative stress status in Alzheimer's disease induced in rats

Biomarkers of neurodegeneration - not only Alzheimer's disease and not only cerebrospinal fluid: a guest-editor's introduction

NR2B-Containing NMDA Receptors Expression and Their Relationship to Apoptosis in Hippocampus of Alzheimer's Disease-Like Rats

Combined effect of HEDTA and selenium against aluminum induced oxidative stress in rat brain

Total allowable concentrations of monomeric inorganic aluminum and hydrated aluminum silicates in drinking water

Neurobehavioral toxic effects of perinatal oral exposure to aluminum on the developmental motor reflexes, learning, memory and brain neurotransmitters of mice offspring

Aluminum induces neurodegeneration and its toxicity arises from increased iron accumulation and reactive oxygen species (ROS) production

The Role of Environmental Exposures in Neurodegeneration and Neurodegenerative Diseases

Bioavailability of barium to plants and invertebrates in soils contaminated by barite

Barium toxicity: a rare presentation of fireworks ingestion

Study of the effects of BaCl(2) on the level of glutathione in plasma and cytosolic fraction in whole blood

Up-Regulation of a Magnesium Transporter Gene OsMGT1 Is Required for Conferring Aluminum Tolerance in Rice 1[W][OA]

Toxicity mitigation and solidification of municipal solid waste incinerator fly ash using alkaline activated coal ash

Aluminium exposure disrupts elemental homeostasis in Caenorhabditis elegans

Barium inhibits arsenic-mediated apoptotic cell death in human squamous cell carcinoma cells

A survey of arsenic, manganese, boron, thorium, and other toxic metals
in the groundwater of a West Bengal, India neighbourhood

Effects of barium and cadmium on the population development of the marine nematode Rhabditis (Pellioditis) marina

Effects of Several Environmental Factors on Longevity and Health of the Human Population of Zhongxiang, Hubei, China

An Examination of the Association of Selected Toxic Metals with Total and Central Obesity Indices: NHANES 99-02

A recent history of metal accumulation in the sediments of Rijeka harbor,
Adriatic Sea, Croatia

Barium toxicosis in a dog

An Industrial Worker Hospitalized With Paralysis After an Aerosolized Chemical Exposure. FINAL DIAGNOSIS Hypokalemia secondary to acute inhaled barium chloride exposure

Dietary exposure to trace elements and health risk assessment in the 2nd French Total Diet Study

Elementary, my dear Dr. Allen: the case of barium toxicity and Pa Ping

Exposures to Particulate Matter and Polycyclic Aromatic Hydrocarbons and
Oxidative Stress in Schoolchildren

Mass barium carbonate poisoning with fatal outcome, lessons learned: a case series

A survey of arsenic, manganese, boron, thorium, and other toxic metals

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