

NIOSH at SOT 2017: Schedule at a Glance

Monday Morning, March 13			
Title	Session Type	Time/Location	Abstract #
Dose Response of Multi-Walled Carbon Nanotube-Induced Lung Tumors	Poster <i>Carcinogenesis I</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P131	1096
Life Cycle Assessment of Pre- and Post-Incinerated Organomodified Nanoclay for Pulmonary Inflammation and Fibrotic Potential	Poster <i>Nanotoxicology: In Vivo</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P604	1315
Characterization of Acute <i>In Vitro</i> and <i>In Vivo</i> Toxicity of Boron Nitride Nanotube and Byproducts following Dispersion	Poster <i>Nanotoxicology: In Vivo</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P607	1318
Characterization of Acute <i>In Vitro</i> and <i>In Vivo</i> Toxicity of Boron Nitride Nanotube and Byproducts following Dispersion	Poster <i>Nanotoxicology: In Vivo</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P607	1326
Differences in Nickel Oxide Nanoparticle-Induced Pulmonary Toxicity and Exacerbated Allergic Response following Acute Respiratory Exposure	Poster <i>Nanotoxicology: In Vivo</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P619	1330
Lung Toxicity following a Dose-Response <i>In Vivo</i> Study of Dispersed Boron Nitride Nanotubes	Poster <i>Nanotoxicology: In Vivo</i>	9:30 AM – 12:45 PM CC Exhibit Hall Board P623	1334
Monday Afternoon, March 13			
Impact of Long-Term Exposure to Nanocellulose Materials on the Morphological Transformation of Human Lung Epithelial Cells	Poster <i>Nanotoxicology: In Vitro</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P606	1518
Amorphous Silica Coating Potentially Protects against Iron Homeostasis Disruption Induced by Nano-Iron Oxide in Acute and Sub-Chronic <i>In Vitro</i> Exposure Models	Poster <i>Nanotoxicology: In Vitro</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P609	1521
Genotoxicity from As-Produced and Post-Production Modified Multi-Walled Carbon Nanotubes	Poster <i>Nanotoxicology: In Vitro</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P619	1531
Tuesday Morning, March 14			
Resetting Homeostasis in Gulf War Illness, a Computational Biology Hypothesis Tested in a Translational Mouse Model	Poster <i>Neurotoxicology: General Neurotoxicity</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P210	1725
Corticosterone-Primed Neuroinflammatory Response to AChE Inhibitors Is Not Related to Brain Acetylcholine Concentration	Poster <i>Neurotoxicology: General Neurotoxicity</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P231	1746

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Mass Spectrometry Development of Occupational Nanomaterial Exposure Biomarkers	Poster <i>Exposure Assessment and Biomonitoring</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P535	1911
Hydraulic Fracking Sand Dust Produces a Pro-Inflammatory Response in Murine Macrophage Cells	Poster <i>Immunotoxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P650	1980
Tuesday Afternoon, March 14			
Effect of Age, Diet, and Rat Strain on Telomere Length in Recovered Peripheral Blood Mononuclear Cells (PBMCs)	Poster <i>Biomarkers</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P115	2009
An <i>In Vitro</i> Investigation of the Impact of Toxic Exposure Duration on Cellular Recovery and Fate	Poster <i>Cell Death Mechanisms</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P240	2076
Pulmonary Toxicity of Gas Metal Arc-Stainless Steel Welding Fume and Component Metals	Poster <i>Metals III: Various Metals and Mixtures</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P343	2125
The Potential Impact of the NIOSH Chemical Carcinogen Policy on NIOSH Recommendations	Poster <i>Regulation and Policy</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P444	2179
Gulf War Illness	Symposium: <i>Chemically-Induced Neuroinflammation and "Sickness Behavior" Disorders</i>	3:09 PM CC Ballroom III	2295
Wednesday Morning, March 15			
Evidence for Mechanistic Specificity Driving Pulmonary Particulate Exposure-Induced Cardiovascular Dysfunction	Workshop: <i>Circulatory Mechanisms Underlying the Systemic Effects of Inhaled Nanoparticles and Complex Combustion Mixtures: Common Pathways for Diverse Toxicants</i>	9:35 AM CC Ballroom III	2361

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Effects on Pulmonary Host Defense following Acute Exposure to Diesel Emission Particulate and Crystalline Silica in Combination	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P102	2378
Effects of Acute Inhalation of Crude Oil Vapor on Pulmonary Function	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P104	2380
Silica Inhalation-Altered Expression of Telomere Maintenance Genes in Lung Tissue of Rats	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P105	2381
<i>In Vivo</i> Toxicological Assessment of Sanding Dust Generated from Micronized Copper Azole Pressure Treated Wood	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P114	2390
Inhalation of Gas Metal Arc-Stainless Steel Welding Fume Promotes Lung Tumorigenesis in A/J Mice	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P115	2391
Effect of Diet-Induced Obesity on Silica- Induced Pulmonary Toxicity in Rats	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P118	2394
Aerosol Characterization and Pulmonary Responses after Short-Term Inhalation of Fumes Generated during Resistance Spot Welding of Galvanized Steel	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P119	2395
Pulmonary Toxicity in Response to Inhalation Exposure to Nanocrystalline Cellulose in the Rat	Poster <i>Respiratory Toxicology</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P122	2398
The Convergence of Fibrogenic and Estrogen Receptor Signaling Pathways: A Target for Multi-Walled Carbon Nanotubes	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P632	2704
Carbon-Based Nanomaterials Trigger Inflammasome Activation in Human Macrophages: Role of Toll-Like Receptor Activation and Intracellular Sensing via NLRP3	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P636	2708
Osteopontin Modulates SWCNT-Induced Pulmonary Fibrosis Upstream of the TGF- β 1 Signaling	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P646	2718

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Thrombospondin-1 Mediates Multi-Walled Carbon Nanotube-Induced Impairment of Arteriolar Dilation	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P647	2719
Role of Matrix Metalloproteinases (MMPs) in Multi-Walled Carbon Nanotube (MWCNT) Exposure-Induced Inflammatory Responses	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P648	2720
Investigation of the Role of Osteopontin in Pulmonary Granuloma Formation and Fibrosis following Carbon Nanotube Exposure	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P649	2721
Effects of Occupational Nanomaterial Exposure on the Blood Brain Barrier	Poster <i>Nanotoxicology: Carbon-Based Nanomaterials</i>	9:30 AM to 12:45 PM CC Exhibit Hall Board P653	2725
Wednesday Afternoon, March 15			
Toxicological Effects of Inhaled Multi-Walled Carbon Nanotubes on Reactivity of Isolated Rat Trachea	Poster <i>Nanotoxicology: General</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P352	2890
Impact of an Integrated <i>In Vivo-In Vitro</i> Approach for Evaluating the Hazardous Pulmonary Effects of Nanomaterials and the Underlying Mechanisms	Poster <i>Nanotoxicology: General</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P357	2895
A Life Cycle Approach to Engineered Nanomaterial Toxicity to Provide Context to Potential Health Effects	Poster <i>Nanotoxicology: General</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P363	2901
Disentangling the Spatiotemporal Tissue Response to Inflammation Caused by a Physical Stressor	Poster <i>Inflammation: Methods and Mechanisms</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P548	2995
The Effects of Crude Oil Vapor Exposure on the Cardiovascular System of Rats	Poster <i>Cardiovascular and Hemodynamics Toxicity</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P619	3031
3D Printer Emission Inhalation Stimulates Acute Hypertension and Microvascular Dysfunction	Poster <i>Cardiovascular and Hemodynamics Toxicity</i>	1:15 PM to 4:30 PM CC Exhibit Hall Board P625	3037

Visit the CDC exhibit booth, number 2667!