

## NIOSH at SOT 2019: Schedule at a Glance



Session Number	Title	Session Type	Location
<b>Monday, March 11, 9:15 AM to 4:30 PM, CC Exhibit Hall</b>			
#1083	Neural Effects of Fracking Sand Dust Aerosols	Poster	Board P103
#1090	Mouse Pulmonary Response Induced by Exposure to Dust from Sawing Corian, a Solid-Surface Composite Material	Poster	Board P110
#1133	Effects of Diesel Exhaust on Airway Epithelial Ion Transport and Lung Function in the Rat.	Poster	Board P154
#1332	Propranolol as a Novel Treatment for Gulf War Illness in a Preclinical Mouse Model	Poster	Board P387
#1346	Behavioral and Histological Evidence of a Neuroimmune Basis for Gulf War Illness	Poster	Board P401
#1468	Assessment of Welding Fume Exposure on Telomere Length and Regulation in Peripheral Blood Mononuclear Cells and Lung Tissue in Rats	Poster	Board P550
#1508	Stainless Steel Welding Fumes Adversely Affect Migratory Ability of First Trimester Human Placental Cells	Poster	Board P623
<b>Tuesday, March 12, 9:15 AM to 4:30 PM, CC Exhibit Hall</b>			
#1761	Machine Learning Approaches to Categorize Carbonaceous Nanomaterials Based on Patterns of Inflammatory Markers and Pathological Outcomes in Lungs	Poster	Board P137
#1930	Effects of E-cigarette Flavoring Chemicals on Human Macrophages and Bronchial Epithelial Cells	Poster	Board P316
#2013	Effect of Diet and Occupational Exposure in Different Rat Strains on Serum Biomarkers and Peripheral Blood Mononuclear Cell Telomere Length: Development of an Animal Model to Examine the Exposome	Poster	Board P403
#2016	Lack of Lung Tumor Promotion after Inhalation of a Copper-Nickel Welding Fume in A/J Mice	Poster	Board P406
#2017	Functional Significance of the SLC26A4 Gene in Silica-Induced Pulmonary Toxicity	Poster	Board P407
#2018	Understanding the Lung-Gut Axis by Modeling the Influence of Welding Fume Inhalation Exposure and Lifestyle on the Profile of Gut Microbiome and Systemic Immune Cells.	Poster	Board P408
#2043	Moderate <i>Aspergillus versicolor</i> Inhalation Exposure Triggers Neuroinflammation	Poster	Board P433
#2057	The Effect of Inhaled Multiwalled Carbon Nanotubes on Blood Pressure in Spontaneously Hypertensive Rats	Poster	Board P448

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#2155	Genetic-Based, Differential Susceptibility to Exposure to Combined Organophosphate and Increased Glucocorticoid in a Mouse Model of Gulf War Illness	Poster	Board P556
#2189	Assessing Organomodified Nanoclay Pulmonary Toxicity across Its Life Cycle Using Integrated Exposure and <i>In Vitro/In Vivo</i> Approaches	Poster	Board P591
#2190	Biomimetic <i>In Vitro/In Vivo</i> Models for Assessment of Hazardous Pulmonary Effects of Nanoparticles	Poster	Board P592
#2193	Incinerated Carbon Nanotube-Enabled Thermoplastics Enhance Cytotoxicity in Human Airway <i>In Vitro</i> Models	Poster	Board P596
#2196	Titanium Dioxide Nanoparticle Induced AP-1 Activation via ERKs and p38 Kinase	Poster	Board P599
#2200	Amorphous Silica Coating Protects against Iron Oxide Nanoparticle-Induced Cell Transformation and Genotoxicity	Poster	Board P603
#2202	<i>In Vitro</i> Dermal Toxicity of Redox-Active Metal Nanocatalysts	Poster	Board P605
#2203	Comparative <i>In Vitro</i> Study of Adverse Pro-neoplastic Potential of Tremolite Asbestos and Its Cleavage Fragments in Human Epithelial (BEAS-2B) and Mesothelial (MET-5A) Cells	Poster	Board P606
#2206	Bioactivity of Multiwalled Carbon Nanotube Mixtures with Multiple Aspect Ratios	Poster	Board P609
#2215	Poster Evaluation of the Skin Sensitizing Potential of Gold Nanomaterials and the Impact of Established Dermal Sensitivity to Gold on the Pulmonary Immune Response with Respect to Dose Mass and Surface Area	Poster	Board P619
#2218	Comparative <i>In Vivo</i> Assessment of Alveolar Fibrosis, Histopathology, and Systemic Translocation Induced by Carbon Nanotubes and Nanofibers from US Facilities	Poster	Board P622
#2222	Changes in Lung and Blood Transcriptomes following Exposure to Multiwalled Carbon Nanotubes in Mice	Poster	Board P626
#2224	Pulmonary Toxicity Associated with Different Zinc Nanoparticles after Intratracheal Instillation in Rats	Poster	Board P628
#2225	Bioactivity of Boron Nitride Nanotube Preparations That Differ in Purity <i>In Vitro</i> and <i>In Vivo</i>	Poster	Board P629
#2227	Crystalline Nanocellulose-Induced Lung Toxicity and Global Gene Expression Changes in the Rat	Poster	Board P631
#2231	Effects of Multi-Walled Carbon Nanotube Exposure on Brain Oxidative Stress and Inflammation in C57BL/6 Mice	Poster	Board P635
#2236	Effects of Repeated Nanomaterial Exposure and Recovery on Circulating Mediators and Neurotoxicity	Poster	Board P640



## NIOSH at SOT 2019: Schedule at a Glance

Session Number	Title	Session Type	Location
#2277	Alterations in the Mouse Skin and Gut Microbiome following Dermal Exposure to the Antimicrobial Chemical Triclosan	Poster	Board P688
<b>Wednesday, March 13, 8:00 AM to 10:45 AM</b>			
#2603	Perspectives from the Field: Occupational Exposures to Carbon Nanotubes in the US – Understanding the Impact on the Immune System of Occupationally Relevant Exposures to Multiwalled Carbon Nanotubes	Workshop	CC Room 308, 8:05 a.m.
<b>Wednesday, March 13, 9:15 AM to 4:30 PM, CC Exhibit Hall</b>			
#3069	Using Liquid Chromatography Mass Spectrometry (LC-MS) to Assess the Effect of Age, Diet, and Rat Strain on the Global Metabolome	Poster	Board P605
#3069	Physicochemical Characterization and <i>In Vitro</i> Toxicity of Emissions from a 3D Printer	Poster	Board P606
<b>Wednesday, March 13, 1:30 PM to 4:15 PM</b>			
#3227	Understanding the Changing Exposure and Toxicity Profile of Engineered Nanomaterials from Production to Application – Risk Assessment of Consumer Products and Articles: Critical Considerations and Case Studies for Characterizing and Quantifying Consumer-Relevant Exposures to Chemicals and Nanomaterials	Workshop	CC Room 309, 1:45 p.m.

2019 Program: [www.toxicology.org/pubs/docs/Prog/2019Program.pdf](http://www.toxicology.org/pubs/docs/Prog/2019Program.pdf)