

Silver nanowire interactions with primary human alveolar cells: contrasting bioreactivity with human alveolar type-I and type-II cells

Nanoscale

7, 10398-10409

DOI: 10.1039/c5nr01496d

Citation Report

#	ARTICLE	IF	CITATIONS
1	Pulmonary surfactant mitigates silver nanoparticle toxicity in human alveolar type-I-like epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 167-175.	5.0	30
2	Nanoparticle Toxicity and Environmental Impact. , 2016, , 117-143.		7
3	Effect of pulmonary surfactant on the dissolution, stability and uptake of zinc oxide nanowires by human respiratory epithelial cells. <i>Nanotoxicology</i> , 2016, 10, 1351-1362.	3.0	42
4	Metallic Nanowire-Based Transparent Electrodes for Next Generation Flexible Devices: a Review. <i>Small</i> , 2016, 12, 6052-6075.	10.0	478
5	Inactivation, Clearance, and Functional Effects of Lung-Instilled Short and Long Silver Nanowires in Rats. <i>ACS Nano</i> , 2017, 11, 2652-2664.	14.6	30
6	Supported pulmonary surfactant bilayers on silica nanoparticles: formulation, stability and impact on lung epithelial cells. <i>Nanoscale</i> , 2017, 9, 14967-14978.	5.6	28
7	Deformable and Transparent Ionic and Electronic Conductors for Soft Energy Devices. <i>Advanced Energy Materials</i> , 2017, 7, 1701369.	19.5	63
8	Silver Nanowire Particle Reactivity with Human Monocyte-Derived Macrophage Cells: Intracellular Availability of Silver Governs Their Cytotoxicity. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2336-2347.	5.2	23
9	Nicotine Component of Cigarette Smoke Extract (CSE) Decreases the Cytotoxicity of CSE in BEAS-2B Cells Stably Expressing Human Cytochrome P450 2A13. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1221.	2.6	23
10	miR-16 inhibits hyperoxia-induced cell apoptosis in human alveolar epithelial cells. <i>Molecular Medicine Reports</i> , 2018, 17, 5950-5957.	2.4	10
11	Multimetallic Microparticles Increase the Potency of Rifampicin against Intracellular <i>Mycobacterium tuberculosis</i> . <i>ACS Nano</i> , 2018, 12, 5228-5240.	14.6	53
12	Silver Nanowires: Synthesis, Antibacterial Activity and Biomedical Applications. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 673.	2.5	49
13	In Vitro Dermal Safety Assessment of Silver Nanowires after Acute Exposure: Tissue vs. Cell Models. <i>Nanomaterials</i> , 2018, 8, 232.	4.1	12
14	Ultralong AgNWs-induced toxicity in A549 cells and the important roles of ROS and autophagy. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109742.	6.0	12
15	A toxicology-informed, safer by design approach for the fabrication of transparent electrodes based on silver nanowires. <i>Environmental Science: Nano</i> , 2019, 6, 684-694.	4.3	31
16	In vitro exposure of a 3D-tetraculture representative for the alveolar barrier at the air-liquid interface to silver particles and nanowires. <i>Particle and Fibre Toxicology</i> , 2019, 16, 14.	6.2	33
17	Ultra-long silver nanowires induced mitotic abnormalities and cytokinetic failure in A549 cells. <i>Nanotoxicology</i> , 2019, 13, 543-557.	3.0	7
18	Revealing the pulmonary surfactant corona on silica nanoparticles by cryo-transmission electron microscopy. <i>Nanoscale Advances</i> , 2020, 2, 642-647.	4.6	9

#	ARTICLE	IF	CITATIONS
19	Pulmonary surfactant inhibition of nanoparticle uptake by alveolar epithelial cells. Scientific Reports, 2020, 10, 19436.	3.3	26
20	Mucosal Delivery of Drugs and Biologics in Nanoparticles. AAPS Advances in the Pharmaceutical Sciences Series, 2020, , .	0.6	5
21	Evaluation of Antibacterial and Cytotoxicity Properties of Silver Nanowires and Their Composites with Carbon Nanotubes for Biomedical Applications. International Journal of Molecular Sciences, 2020, 21, 2303.	4.1	12
22	Impacts of Proteins on Dissolution and Sulfidation of Silver Nanowires in an Aquatic Environment: Importance of Surface Charges. Environmental Science & Technology, 2020, 54, 5560-5568.	10.0	19
23	Non-spherical nanostructures in nanomedicine: From noble metal nanorods to transition metal dichalcogenide nanosheets. Applied Materials Today, 2021, 24, 101107.	4.3	16
24	Dioscin alleviates lung ischemia/reperfusion injury by regulating FXR-mediated oxidative stress, apoptosis, and inflammation. European Journal of Pharmacology, 2021, 908, 174321.	3.5	14
25	Endocytosis of abiotic nanomaterials and nanobiovectors: Inhibition of membrane trafficking. Nano Today, 2021, 40, 101279.	11.9	69
26	Effect of silver nanospheres and nanowires on human airway smooth muscle cells: role of sulfidation. Nanoscale Advances, 2020, 2, 5635-5647.	4.6	7
27	Delivery of Dry Powders to the Lungs: Influence of Particle Attributes from a Biological and Technological Point of View. Current Drug Delivery, 2019, 16, 180-194.	1.6	11
28	Engineered Nanomaterial Interaction with Epithelial and Immune Cells upon Mucosal Drug Delivery. AAPS Advances in the Pharmaceutical Sciences Series, 2020, , 207-231.	0.6	0
29	Role of surfactants in pulmonary drug delivery. , 2022, , 559-577.		9
30	Engineering of pulmonary surfactant corona on inhaled nanoparticles to operate in the lung system. Nano Today, 2023, 52, 101998.	11.9	1
31	Nanotoxicity induced by nanomaterials: A review of factors affecting nanotoxicity and possible adaptations. OpenNano, 2023, 14, 100190.	4.8	4