

Additional file 1 (with Figure 6). Total amounts of Cu in the lung tissues and BAL fluids from mice immediately after inhalation (4 hr/d, 10 d; 3.5 mg/m³) and instillation (24 hr-post exposure; 3, 35, 100 µg/mouse) of Cu NPs. The lung burdens of Cu NP in Cu-exposed mice were adjusted for the level of Cu in sham-exposed mice. Data are expressed as mean ± SE.

Exposure group	Lung			BAL fluid		
	Cu concentration (µg/g)	Lung dry weight (mg)	Cu mass (µg)	Cu concentration (µg/L)	Volume (mL)	Cu mass (µg)
Inhalation	28.4 ± 2.2	55.2 ± 2.5	1.6 ± 0.1	175.1 ± 9.0	3.4	0.60 ± 0.03

Instillation						
3 µg/mouse	2.3 ± 0.3	25.5 ± 1.2	0.1 ± 0.0	4.6 ± 2.5	2.9	0.01 ± 0.01
35 µg/mouse	9.0 ± 3.7	28.0 ± 1.5	0.3 ± 0.1	11.1 ± 4.1	3.3	0.04 ± 0.01
100 µg/mouse	42.7 ± 2.8	34.6 ± 1.7	1.5 ± 0.1	145.9 ± 9.7	3.0	0.45 ± 0.03