

Title: The Effect of Cerium Oxide Nanoparticle Valence State on Reactive Oxygen Species and Toxicity

Biological Trace Elements Research

Authors: Katherine M Dunnick^{*†}, Rajalekshmi Pillai[‡], Kelly L Pisane^{§‡}, Aleksandr B Stefaniak[‡], Edward M Sabolsky[‡], Stephen S Leonard^{*†}

^{*}National Institute for Occupational Safety and Health, HELD, Morgantown, WV 26505

[†]West Virginia University, Pharmaceutical and Pharmacological Sciences, Morgantown, WV 26505

[‡]WVU Benjamin M. Statler College of Engineering and Mineral Resources, Morgantown, WV 26505

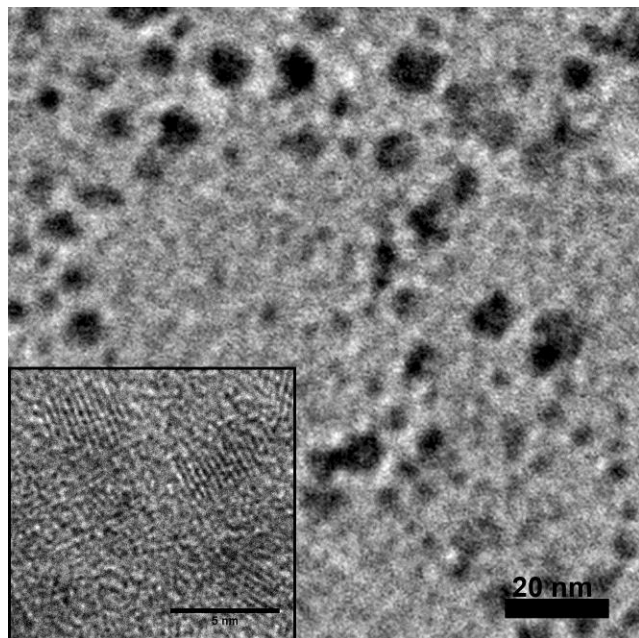
[§]West Virginia University, Department of Physics and Astronomy, Morgantown, WV 26505

[‡]National Institute for Occupational Safety and Health, DRDS, Morgantown, WV 26505

Corresponding Author: Katherine Dunnick

E-mail: kdunnick@mix.wvu.edu

Online Resource 2



Online Resource 2 TEM images of pure CeO₂ nanoparticles. Scale bar, 20 nm, inlay 5 nm