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Title: Intestinal injury alters tissue distribution and toxicity of ZnO nanoparticles in mice

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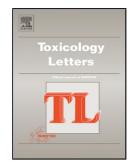
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**HIGHLIGHTS** 

Alteration of bioeffects of orally administrated ZnO nanoparticles in IBD mice

Significantly higher liver distribution of ZnO nanoparticles in IBD mice

Distributions of Fe and Cu in the IBD mice shifted after ZnO nanoparticle

exposure

Slight toxicity of ZnO nanoparticles to organs in IBD mice

Significant size effect of ZnO nanoparticles in biodistibution of Zn, Fe and Cu

in mice

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