Toxic Effects of Nanomaterials

www.ebooks.benthamscience.com/book/9781608052837

About the eBook

Toxic Effects of Nanomaterials provides an authoritative work of international experts in the field of nanotoxicology spanning 8 chapters. A key feature of the e-book is a broad coverage of phytotoxicity of nanoparticles, which is largely neglected in many texts.

Contents

- Nanoparticle-Induced Toxicity: Focus on Plants
- Plants as Indicators of Nanoparticles Toxicity
- Cell Life Cycle Effects of Bare and Coated Superparamagnetic Iron Oxide Nanoparticles
- Safety of Magnetic Iron Oxide-Coated Nanoparticles in Clinical Diagnostics and Therapy
- Hazards of TiO2 and Amorphous SiO2 Nanoparticles
- Molecular Methods for Nanotoxicology
- Risks Associated with the Use of Nanomaterials
- Toxicologic and Environmental Issues Related to Nanotechnology Development