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Nota di contenuto	Chapter 1 Inorganic Nanomaterials for Enhanced Therapeutic Safety -- Chapter 2 Nanoparticles application for cancer diagnosis -- Chapter 3 Insights into nanotools for dental interventions -- Chapter 4 Nanopharmaceuticals: Synthesis, Characterization and Challenges -- Chapter 5 Electrospun Nanofibers as Carriers in Dermal Drug Delivery -- Chapter 6. Enzyme responsive and enzyme immobilized nanoplatforms for therapeutic delivery: an overview of research innovations and biomedical applications -- Chapter 7 Systemic Nanotoxicity and its Assessment in Animal Models -- Chapter 8 Dendrimers as drug carriers for cancer therapy -- Chapter 9 Nanoparticle design to improve transport across the intestinal barrier -- Chapter 10 Recent Progress in Nano-theranostic medicine.
Sommario/riassunto	This book is the third volume on this subject and focuses on the recent advances of nanopharmaceuticals in cancer, dental, dermal and drug delivery applications and presents their safety, toxicity and therapeutic efficacy. The book also includes the transport phenomenon of

nanomaterials and important pathways for drug delivery applications. It goes on to explain the toxicity of nanoparticles to different physiological systems and methods used to assess this for different organ systems using examples of in vivo systems.