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Nota di contenuto	Chapter 1. Nanomaterials, a promising tool for drug delivery -- Chapter 2. Nanocarriers for cancer-targeted drug delivery -- Chapter 3. Gold nanoparticle mediated delivery of therapeutic enzymes for biomedical applications -- Chapter 4. Techniques for improving bioavailability of vitamin A in food by encapsulation -- Chapter 5. Antimicrobial activity of nanomaterials -- Chapter 6. Advanced nanostructures for oral insulin delivery -- Chapter 7. Electrospun nano-architectures for tissue engineering and regenerative medicine -- Chapter 8. Solid-lipid nanoparticles, a multidimensional drug delivery

system -- Chapter 9. Nanomedicine for diagnosis and treatment -- Chapter 10. Biomedical applications of iron and cobalt-based biomagnetic alloy nanoparticles -- Chapter 11. Enhancing nucleic acid delivery into target cells using nanoparticles -- Chapter 12. Plasmonic hybrid nanocomposites for plasmon enhanced fluorescence and biomedical applications.

Sommario/riassunto

This book takes a systematic approach to address the gaps relating to nanomedicine and bring together fragmented knowledge on the advances on nanomaterials and their biomedical applicability. In particular, it demonstrates an exclusive compilation of state of the art research with a focus on fundamental concepts, current trends, limitations, and future directions of nanomedicine.
