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Nota di contenuto	Chapter 1. Nanotechnology Based Phytotherapeutics: Current Status and Challenges -- Chapter 2. Nanophytomedicine Market: Global opportunity analysis and industry forecast -- Chapter 3. Emergence of Nano phytomedicine in health care setting -- Chapter 4. Nanophytomedicine: an effective way for improving drug delivery and bioavailability of herbal medicines -- Chapter 5. Self-Nanoemulsifying Drug Delivery System for Improving Efficacy of Bioactive Phytochemicals -- Chapter 6. Potential of nano-structured drug delivery system for phytomedicine delivery -- Chapter 7. Insights of nanophytomedicines as a combinatorial therapy in disease diagnosis and treatment -- Chapter 8. Pharmacokinetics, interaction, and toxicological profile of nanophytomedicine -- Chapter 9. Recent advancement in clinical application of nanotechnological approached targeted delivery of herbal drugs -- Chapter 10. Nanophytomedicine Ethical issues, Regulatory Aspects and Challenges.
Sommario/riassunto	Nanophytomedicine is a field that involves the application of nanomedicine-based systems to phytotherapy and phytopharmacology. This book assesses the clinical successes and failures of nanophytomedicine and also highlights emerging concepts in this field.

The content is divided into three sections, the first of which describes core issues in the pharmaceuticals industry in connection with the successes, failures and prospects of nanophytomedicine. The second section highlights recent advances in phytomedicine formulation development based on nanotechnology approaches, while also discussing a variety of nanocarrier systems for the successful delivery of phytomedicines. Focusing on the clinical perspective, the third section addresses the current clinical status of nanophytomedicine as a single drug therapy or combinatorial drug therapy, pharmacovigilance, pharmacokinetics, drug interactions and toxicological profiles, while also providing concluding remarks on recent experimental findings, and considering ethical issues & regulatory challenges in nanophytomedicine. Given its scope, the book offers a valuable guide for early career researchers, young scientists, master level students, academics and industrial scientists working in various healthcare fields, e.g. the pharmaceutical and biological sciences, life sciences, biotechnology, biomedical engineering, and nanobiotechnology.