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Titolo	Microbial Nanotechnology : Advances in Agriculture, Industry and Health Sectors // ed. by Vikas Kumar, Manoj Singh
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Nota di contenuto	Frontmatter -- Contents -- Microbe-assisted synthesis of nanoparticles and nanotechnology horizons for their applications in various sectors -- Microbially synthesized nanoparticles: implications and their applications in agriculture -- Microbial nanotechnology and its indispensable role in sustainable agriculture -- Application of microbial nanomaterials in the remediation of pollutants -- Biomedical applications of nanotechnology in development of novel drug delivery system to tackle future challenges -- Therapeutic and diagnostic approaches of microbial nanodevice in biomedical sciences -- Realms of nanostructured microbial enzymes: formulation, characterization and novel opportunities -- Manufacturing of nanomaterials from microbial sources and their roles in industrial innovations -- Distinctive applicative potential of microbial nanoparticles in food technology: a comprehensive understanding -- Development of microbial-based nanosensors and their applications: the state of the art -- Index
Sommario/riassunto	Applications of microbial nanotechnology are currently emerging with new areas being explored. Biosynthesis of nanomaterials by microorganisms is a recently attracting interest as a new, exciting approach towards the development of 'greener' nanomanufacturing

compared to traditional chemical and physical approaches. This book will cover recent advances of microbial nanotechnology in agriculture, industry, and health sectors.
