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| 1. Record Nr.           | UNINA9910383824103321   |
| Titolo                  | Nanoparticles and their Biomedical Applications [[electronic resource] /] / edited by Ashutosh Kumar Shukla   |
| Pubbl/distr/stampa      | Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020   |
| ISBN                    | 981-15-0391-5   |
| Edizione                | [1st ed. 2020.]   |
| Descrizione fisica      | 1 online resource (XI, 286 p. 58 illus., 54 illus. in color.)   |
| Disciplina              | 616   |
| Soggetti                | Internal medicine<br>Nanotechnology<br>Nanochemistry<br>Biotechnology<br>Internal Medicine  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Includes index.   |
| Nota di contenuto       | Chapter 1. Rare Earth Based Nanoparticles: Biomedical Applications, Pharmacological and Toxicological Significance -- Chapter 2. Nanomedicine for Hepatic Fibrosis -- Chapter 3. Biomedical Applications of Zinc oxide nanoparticles synthesized using Eco-friendly method -- Chapter 4. Potential Applications of Greener synthesized Silver and Gold Nanoparticles in Medicine -- Chapter 5. Nanofinished Medical Textiles and Their Potential Impact to Health and Environment -- Chapter 6. Therapeutic Applications of Graphene Oxides in Angiogenesis and Cancers -- Chapter 7. Use of nanoparticles to manage Candida biofilms -- Chapter 8. Biomedical applications of lignin-based nanoparticles -- Chapter 9. Green nanoparticles for biomedical and bioengineering applications -- Chapter 10. Nanoparticles: A boon to target mitochondrial diseases. |
| Sommario/riassunto      | Nanotechnology is expected to bring revolutionary changes in a variety of fields. This volume describes nanoparticles and their biomedical applications, and covers metal nanoparticles, metal oxide nanoparticles, rare earth based nanoparticles and graphene oxide nanoparticles. It elaborates on a number of biomedical applications, including therapeutic applications. It addresses the topic of green  |

synthesis, in view of increasing health and environmental concerns.

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