| | | |
|---|---|---|
| 1. | Record Nr. | UNINA9910438126103321 |
| | Titolo | Drug delivery systems : advanced technologies potentially applicable in personalised treatment / / Jorge Coelho, editor |
| | Pubbl/distr/stampa | Dordrecht ; ; New York, : Springer, c2013 |
| | ISBN | 1-299-40828-1 94-007-6010-8 |
| | Edizione | [1st ed. 2013.] |
| | Descrizione fisica | 1 online resource (432 p.) |
| | Collana | Advances in predictive, preventive and personalised medicine ; ; v.4 |
| | Altri autori (Persone) | CoelhoJorge |
| | Disciplina | 615.19 |
| | Soggetti | Drug delivery systems Pharmacogenomics |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
| | Note generali | Includes indexes. |
| | Nota di contenuto | Polymers in Drug Delivery: Concepts, Developments and Potential. - Amphiphilic Molecules in Drug Delivery Systems -- Sizing nanoparticles in liquids: an overview of methods -- Nanoparticles for oral delivery of insulin -- Bioartificial pancreas: in the road to clinical application -- Cationic liposome-based systems for nucleic acid delivery: from the formulation development to therapeutic applications -- Biomaterial-based vectors for targeted delivery of nucleic acids to the nervous system -- Three-dimensional (3D) scaffolds as drug delivery devices for Tissue engineering applications -- The Warburg Effect is a Guide to Multipurpose Cancer Therapy Including Trace Element Delivery -- In silico research in drug delivery systems -- The Importance of Controlled/Living Radical Polymerization Techniques in the Design of Tailor Made Nanoparticles for DSS. |
| | Sommario/riassunto | This book is part of a series dedicated to recent advances on preventive, predictive and personalised medicine (APPPM). It focuses on the theme of "Drug delivery systems: advanced technologies potentially applicable in personalised treatments". The critical topics involving the development and preparation of effective drug delivery systems, such as: polymers available, self-assembly, nanotechnology, pharmaceutical formulations, three dimensional structures, molecular modeling, tailor-made solutions and technological tendencies, are carefully discussed. |

The understanding of these areas constitutes a paramount route to establish personalised and effective solutions for specific diseases and individuals.