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Titolo	Textbook of personalized medicine // Kewal K. Jain
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ISBN	3-030-62080-8
Edizione	[Third edition.]
Descrizione fisica	1 online resource (XLIII, 744 p. 41 illus., 5 illus. in color.)
Disciplina	615.7
Soggetti	Pharmacogenetics Pharmacogenetics - Social aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basic Aspects -- Molecular Diagnostics in Personalized Medicine -- Role of Biomarkers in Personalized Medicine -- Pharmacogenetics -- Pharmacogenomics -- Role of Pharmacoproteomics -- Role of Metabolomics in Personalized Medicine -- Role of Nanobiotechnology in Development of Personalized Medicine -- Personalized Biological Therapies -- Personalized Non-pharmacological Therapies -- Personalized Therapy of Cancer -- Personalized Therapy of Neurological Disorders -- Personalized Therapy of Psychiatric Disorders -- Personalized Therapy of Cardiovascular Disorders -- Personalized Therapy of Pulmonary Disorders -- Personalized Therapy Infectious Diseases -- Personalized Approaches in Immunology -- Personalized Management of Genetic Disorders -- Personalized Management of Miscellaneous Disorders -- Development of Personalized Medicine -- Ethical Aspects of Personalized Medicine -- Legal Aspects of Personalized Medicine -- Regulatory Aspects of Personalized Medicine -- Economics of Personalized Medicine -- Future of Personalized Medicine.
Sommario/riassunto	This book is for personalized medicine as a prescription of specific treatments and therapeutics best suited for an individual and considers genetic as well as environmental factors that influence responses to therapy. Best approaches are described for integration of all available technologies for optimizing the therapy of individual

patients. This comprehensive third edition covers the latest advances in personalized medicine and several chapters are devoted to various specialties, particularly cancer which is the largest area of application. The book discusses the development of personalized medicine and various players in it such as companies, academic institutions, the government, and the public as the consumer of healthcare. Additionally, the roles of bioinformatics, electronic health records, and digital technologies for personalized medicine are discussed. Textbook of Personalized Medicine, 3rd Edition serves as a convenient source of information for students at many levels and in a wide range of fields, including physicians, scientists, and decision makers in the biopharmaceutical and healthcare industries.

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