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Titolo	Metabolic Engineering for Bioactive Compounds : Strategies and Processes / / edited by Vipin Chandra Kalia, Adesh Kumar Saini
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-5511-4
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 412 p. 54 illus., 31 illus. in color.)
Disciplina	611.01816
Soggetti	Gene expression Biomedical engineering Microbiology Bacteriology Gene Expression Biomedical Engineering/Biotechnology Eukaryotic Microbiology Applied Microbiology
Lingua di pubblicazione	Inglese
Formato	Materials a stemp
	Materiale a stampa
Livello bibliografico	Monografia
Livello bibliografico Nota di bibliografia	Monografia Includes bibliographical references.

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	and their application in Pharmaceutical industry.
Sommario/riassunto	This book comprehensively discusses the latest research in the area of metabolic engineering. Metabolic engineering solutions for bioactive compounds are now being derived by means of heterologous gene expression, in a wide range of organisms. The book provides an overview of the model systems being employed for metabolic manipulation to yield bioactive molecules, such as single-cell proteins, antibody generation, metabolites, proteases, chaperones, therapeutic proteins, nanomaterials, polymeric conjugates, dendrimers and nanoassemblies, Escherichia coli, Agrobacterium, Saccharomyces cerevisiae and cell lines, etc. In addition, it shares insights into the scope of these methods in the areas of prevention, diagnosis and treatment of diseases, e.g. immunotherapy for curing various diseases like cancer, allergies, autoimmune diseases, etc