

1. Record Nr.	UNINA9910830112203321
Titolo	Biochemical pathways [[electronic resource]] : an atlas of biochemistry and molecular biology // edited by Dietmar Schomburg, Gerhard Michal
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2012
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Edizione	[2nd ed.]
Descrizione fisica	1 online resource (414 p.)
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Altri autori (Persone)	SchomburgD (Dietmar) MichalGerhard
Disciplina	572 612.3/9 612.39
Soggetti	Metabolism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: Chapter 1. Introduction and general aspects, chemistry and physical chemistry Gerhard Michael and Dietmar Schomburg Chapter 2. The cell and its contents: Enzymes, nucleic acids, and polymeric carbohydrates and lipids Gerhard Michal and Dietmar Schomburg Chapter 3. General metabolism in animals, plants and bacteria 3.1 Carbohydrate Metabolism and Citrate Cycle 3.2 Amino Acids and Derivatives 3.3 Tetrapyrroles 3.4 Lipids amd Glycolipids 3.5 Steroids and Isoprenoids 3.6 Nucleotides and Nucleosides 3.7 Cofactors and Vitamins 3.8 Nucleic Acid Metabolism in Bacteria 3.9 Nucleic Acid Metabolism in Eukarya 3.10 Special Bacterial Metabolism and Biosynthesis of Antimicrobials 3.11 Electron Transfer Reactions and Oxidative Phosphorylation 3.12 Photosynthesis 3.13 Plant Secondary Metabolism Chapter 4. Protein biosynthesis, modification and degradation 4.1 Protein Synthesis in Bacteria 4.2 Protein Biosynthesis in Eukarya 4.3 Cell Cycle in Eukarya 4.4 Posttranslational Modification of Proteins 4.5 Protein Folding, Transport / Targeting and Degradation Chapter 5. Viruses Klaus Klumpp Chapter 6. Transport systems 6.1 Transport Through Membranes 6.2 Transport of Lipids in Plasma 6.3

Oxygen Transport by Hemoglobin Chapter 7. Signal transduction and cellular communication Gerhard Niederfellner Chapter 8. Immune system 8.1 Components of the Immune System 8.2 Generation of a Specific Immune Response 8.3 Pathologic Immune responses 8.4 Adhesion of Leukocytes Chapter 9. Blood coagulation and fibrinolysis P. Mueller Chapter 10. Biochemical networks, bioinformatics and systems biology Dietmar Schomburg.

Sommario/riassunto

"Covering a wide range of subject matter, including biochemistry, molecular and cell biology, medicine, chemistry, and allied health, Biochemical Pathways is a full-color, easy-to-use resource for students and professionals. This information-packed reference features a unique summary of biochemical pathways based on the well-known Biochemical Pathways chart. Included is descriptive information about properties such as enzymes, chemicals, proteins, and DNA, all of which act together to create an elaborate chain that drives all biological functions. Completely updated, this new edition continues to play a valuable role in this important scientific field"--

2. Record Nr.	UNINA9910145568503321
Titolo	Drug discovery today
Pubbl/distr/stampa	[Kidlington, Oxford], : Elsevier Science Ltd
ISSN	1878-5832
Soggetti	Drugs - Design Pharmaceutical technology Drug Design Technology, Pharmaceutical Medicaments - Conception Techniques pharmaceutiques Periodical periodicals. Periodicals. Periodiques.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

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