

1. Record Nr.	UNISA990003200730203316
Autore	BOTTALICO, Michele
Titolo	Milestones : i classici della creatività chicana / Michele Bottalico
Pubbl/distr/stampa	Lecce : Pensa Multimedia, 2008
ISBN	978-88-8232-631-9
Descrizione fisica	263 p. ; 20 cm
Collana	La stadera ; 4
Disciplina	305.86872073
Soggetti	Messicani - Cultura - Stati Uniti d'America
Collocazione	II.5. 6201a II.5. 6201b II.5. 6201
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2.	Record Nr.	UNISALENTO991002206819707536
	Autore	Richter, W.
	Titolo	Varros beschreibung der zeidelungstermine De re rustica / Will Richter
	Pubbl/distr/stampa	[S.l. : s.n., 19..]
	Descrizione fisica	1 v. ; 23 cm
	Disciplina	870
	Soggetti	Varro, Marcus Terentius. De re rustica Varro, Marcus Terentius. De re rustica
	Lingua di pubblicazione	Tedesco Molteplice
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	estr. da: Mnemosyne, v. 18
3.	Record Nr.	UNINA9911004818903321
	Autore	Fitzgerald-Hayes Molly
	Titolo	DNA and biotechnology / / Molly Fitzgerald-Hayes and Frieda Reichsman
	Pubbl/distr/stampa	Burlington, MA, : Academic Press/Elsevier, c2010
	ISBN	9786612526107 9781282526105 1282526103 9780080916354 008091635X
	Edizione	[3rd ed.]
	Descrizione fisica	1 online resource (401 p.)
	Altri autori (Persone)	ReichsmanFrieda
	Disciplina	660.6/5
	Soggetti	DNA Biotechnology - Research
	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	Front Cover; DNA and Biotechnology; Copyright Page; Contents; Acknowledgments; Introduction; Chapter 1 The Roots of DNA Research; LOOKING AHEAD; INTRODUCTION; DEVELOPING A THEORY OF INHERITANCE; RELATING DNA TO HEREDITY; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITES; Chapter 2 The DNA Double Helix; LOOKING AHEAD; INTRODUCTION; THE STRUCTURE OF DNA; DNA REPLICATION; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITES; Chapter 3 DNA in Action; LOOKING AHEAD; INTRODUCTION; FUNDAMENTAL SCIENCE CONNECTS DNA AND TRAITS; FRANCIS CRICK STARTS TO UNRAVEL THE GENETIC CODE; GENE EXPRESSION RNA POLYMERASES COPY DNA INTO RNAPROTEIN SYNTHESIS REQUIRES MRNA AND RIBOSOMES; EUKARYOTIC GENE REGULATION; SUMMARY; REVIEW; FOR ADDITIONAL READING; WEB SITES; Chapter 4 Tools of the DNA Trade; LOOKING AHEAD; INTRODUCTION; TOOLS OF GENETIC ENGINEERING; THE ADVENT OF RECOMBINANT DNA EXPERIMENTS; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITES; Chapter 5 Working with DNA; LOOKING AHEAD; INTRODUCTION; THE BIOCHEMISTRY OF RECOMBINANT GENE EXPRESSION; DNA LIBRARIES STORE CLONED DNA SEQUENCES; EXPRESSING CLONED GENES; THE POLYMERASE CHAIN REACTION (PCR); SUMMARY; REVIEW; ADDITIONAL READING Chapter 6 Human GenomicsLOOKING AHEAD; INTRODUCTION; MODEL ORGANISMS ARE FUNDAMENTAL TO GENOMICS; EARLY HUMAN GENOME MAPS; DETERMINING THE DNA SEQUENCE OF THE ENTIRE HUMAN GENOME; WHAT WE LEARNED FROM THE HUMAN GENOME SEQUENCE; NINETY-EIGHT PERCENT OF THE HUMAN GENOME IS NONCODING DNA; INDIVIDUAL GENOMES AND GENETIC VARIATION; HUMAN AND CHIMPANZEE DNA: WHAT MAKES US HUMAN?; WHAT WE STILL NEED TO LEARN ABOUT THE HUMAN GENOME; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITE; Chapter 7 Bioinformatics; LOOKING AHEAD; INTRODUCTION; AN EXPLOSION OF DATA FUELED THE RISE OF BIOINFORMATICS SEQUENCE SIMILARITIES SUGGEST PROTEIN FUNCTION AND EVOLUTIONARY RELATIONSHIPS BIOLOGICAL DATA ARE ORGANIZED IN COMPUTER DATABASES; USING BIOINFORMATICS DATABASES; APPLIED BIOINFORMATICS; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITES; Chapter 8 DNA Forensics; LOOKING AHEAD; INTRODUCTION; FORENSIC DNA TESTING: A POWERFUL AND VERSATILE TOOL; USING DNA ANALYSIS TO RECONSTRUCT THE ORIGINS OF THE HUMAN RACE; SUMMARY; REVIEW; ADDITIONAL READING; Chapter 9 Exploring Cell Fate; LOOKING AHEAD; INTRODUCTION; FATE 1: CELL DIVISION AND REPRODUCTION CANCER CELLS GO TO THE ""DARK SIDE"" AND EVADE CELL CYCLE CONTROLCELL-CYCLE MACHINE: CYCLINS AND CYCLIN-DEPENDENT KINASES PROMOTE MITOSIS; GENES CONTROLLING CANCER: TUMOR SUPPRESSOR GENES AND ONCOGENES; CLINICAL TRIALS TO TEST HUMAN CANCER TREATMENTS; FATE 2: DEVELOPMENT OF SPECIALIZED CELLS; FATE 3: APOPTOSIS IS PROGRAMMED CELL DEATH; SUMMARY; REVIEW; ADDITIONAL READING; WEB SITES; Chapter 10 Human Genetic Diseases; LOOKING AHEAD; INTRODUCTION; GENETIC DISEASES ARE CAUSED BY MUTANT GENES; 10,000 HUMAN GENES POTENTIALLY CAUSE GENETIC DISEASES; INCONSISTENT GENETIC TESTING LAWS GENETIC DISEASES ARE FREQUENTLY CAUSED BY MORE THAN ONE GENE
Sommario/riassunto	Appropriate for a wide range of disciplines, from biology to non-biology, law and nursing majors, DNA and Biotechnology uses a

straightforward and comprehensive writing style that gives the educated layperson a survey of DNA by presenting a brief history of genetics, a clear outline of techniques that are in use, and highlights of breakthroughs in hot topic scientific discoveries. Engaging and straightforward scientific writing style Comprehensive forensics chapter Parallel Pedagogic material designed to help both readers and teachers. Highlights in the latest scientifi
