

1. Record Nr.	UNINA9910450777703321
Titolo	Bioengineering in cell and tissue research [[electronic resource] /] / Gerhard M. Artmann, Shu Chien (eds.)
Pubbl/distr/stampa	Berlin, : Springer, 2008
ISBN	1-281-27371-6 9786611273712 3-540-75409-1
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (718 p.)
Altri autori (Persone)	ArtmannGerhard M ChienShu
Disciplina	660.6
Soggetti	Cytology - Research Histology - Research Bioengineering Electronic books.
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	pt. 1. Genes, genome and information network -- pt. 2. Cell and tissue imaging -- pt. 3. Regenerative medicine and nanoengineering -- pt. 4. Mechanics of soft tissues, fluids and molecules -- pt. 5. Bioengineering in clinical applications -- pt. 6. Plant and microbial bioengineering.
Sommario/riassunto	This book reviews the latest technological developments of bioengineering approaches in cell and tissue research. It is meant to have life and spirit, and to become a pioneer in technology and sciences, especially the life science. The chapters are written by excellent scientists on advanced, frontier technology and address scientific questions that need considerable thinking in terms of engineering. The aims are to provide the readers, including students, faculty, and all scientists working in academia and industry, new information on bioengineering in cell and tissue research to enhance their understanding and innovation.