1. Record Nr. UNINA990000460090403321

Autore	Ceri, Stefano
Titolo	Methodology and tools for data base design / edited Stefano Ceri
Pubbl/distr/stampa	Amsterdam : North-Holland, 1983
Descrizione fisica	255 p. : ill. ; 23 cm
Disciplina	004
Locazione	DINEL
Collocazione	10 I 48
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910739447703321

Titolo	Extracellular Matrix in Development / / edited by Douglas W. DeSimone, Robert Mecham
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-35935-3
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (259 p.)
Collana	Biology of Extracellular Matrix, , 0887-3224
Disciplina	599.03
Soggetti	Developmental biology Cell biology Regenerative medicine Tissue engineering Cytokines Growth factors Stem cells Developmental Biology Cell Biology Regenerative Medicine/Tissue Engineering Cytokines and Growth Factors Stem Cells

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	Part I Informational signals in extracellular matrix and matrix influences on cell movement in the developing embryo -- Part II Extracellular matrix-direct morphogenesis, growth factor signaling, and maintenance of the stem cell niche -- Part III Model organisms and the lexicon of developmental signals associated with the extracellular matrix.
Sommario/riassunto	Cells in the developing embryo depend on signals from the extracellular environment to help guide their differentiation. An important mediator in this process is the extracellular matrix – secreted macromolecules that interact to form large protein networks outside the cell. During development, the extracellular matrix serves to separate adjacent cell groups, participates in establishing morphogenic gradients, and, through its ability to interact directly will cell-surface receptors, provides developmental clocks and positional information. This volume discusses how the extracellular matrix influences fundamental developmental processes and how model systems can be used to elucidate ECM function. The topics addressed range from how ECM influences early development as well as repair processes in the adult that recapitulate developmental pathways. The series Biology of Extracellular Matrix is published in collaboration with the American Society for Matrix Biology.