

1. Record Nr.	UNINA9910824298603321
Titolo	Cardiovascular regeneration and stem cell therapy // edited by Annarosa Leri, Piero Anversa, William H. Frishman
Pubbl/distr/stampa	Malden, Mass., : Blackwell Futura, 2007
ISBN	9786611320324 9781281320322 1281320323 9780470988909 0470988908 9780470994306 0470994304
Edizione	[1st ed.]
Descrizione fisica	1 online resource (244 p.)
Altri autori (Persone)	LeriAnnarosa AnversaPiero FrishmanWilliam H. <1946->
Disciplina	616.1/06
Soggetti	Myocardium - Regeneration Stem cells - Transplantation
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	Homing of stem cells and tissue injury / Ayelet Dar, Orit Kollet, Tsvee Lapidot -- Adult stem cell plasticity : lineage potential on a continuum / Peter J. Quesenberry, Gerald Colvin, Mehrdad Abedi -- Embryonic stem cells and cardiogenesis / Timothy J. Kamp, Gary E. Lyons -- Mesenchymal stem cell-derived cardiomyogenic cells / Keiichi Fukuda ... [et al.] -- Bone marrow cells and vascular growth / Takayuki Asahara -- Vascular progenitor cells and vessel repair / Kaushik Mandal, Marjan Jahangiri, Qingbo Xu -- Cardiac side population : phenotype and functional significance / Ronglih Liao, Frederic Mouquet, Otmar Pfister -- Phenotype and function of c-kit positive-derived amplifying myocytes / Rachel Wilson ... [et al.] -- Cardiac stem cells and their niches / Annarosa Leri ... [et al.] -- Activation of the local cardiac regenerative system / Antonia Germani, Federica Limana, Maurizio C.

Capogrossi -- Embryonic stem cells and myocardial regeneration / Ahmad Y. Sheikh ... [et al.] -- Bone marrow-derived cells in myocardial repair and regeneration / Raj Kishore, Douglas W. Losordo -- Endothelial progenitor cells and the infarcted heart / Stefanie Dimmeler ... [et al.] -- Cytokines and heart remodeling / Issei Komuro, Hiroyuki Takano -- IGF-1, muscle progenitors and heart failure / Nadia Rosenthal, Nadine Winn, Maria Paola Santini -- Cardiac stem cells and the diabetic cardiomyopathy / Jan Kajstura ... [et al.] -- Stem cells and myocardial aging / Roberto Bolli, Piero Anversa -- Bioengineered scaffolds: myocytes, endothelial cells and cardiac repair / Vincent F.M. Segers, Richard T. Lee -- Gene therapy and cellular therapy in cardiac repair / Mark A. Sussman -- Cardiac stem cells and the failing heart / Piero Anversa ... [et al.] -- Myocardial infarction : risks and hope / Marc A. Pfeffer.

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### Sommario/riassunto

This book is the definitive reference on two of the most exciting areas of cardiovascular research - myocardial regeneration and stem cell therapy - for the treatment of disease. Edited by pioneers in the area, with contributions from every major investigator worldwide, it covers: The biology of stem cells The actions of stem cells from the bone marrow, the heart, and embryos on the normal restorative and repair functions of the heart and blood vessels How stem cells could contribute to myocardial recovery in the face of injury and aging How adjuva

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