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Altri autori (Persone)	LeriAnnarosa AnversaPiero FrishmanWilliam H. <1946->
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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

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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.

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
