

1. Record Nr.	UNINA9910454460603321
Autore	Hasik James M. <1966->
Titolo	Arms and innovation [[electronic resource]] : entrepreneurship and alliances in the twenty-first-century defense industry // James Hasik
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 2008
ISBN	1-281-95710-0 9786611957100 0-226-31889-3
Descrizione fisica	1 online resource (199 p.)
Disciplina	338.4/735500973
Soggetti	Defense industries - United States Defense industries - Technological innovations - United States 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 (p. [153]-183) and index.
Nota di contenuto	Frontmatter -- Contents -- 1. The Fast and the Many The Theoretical Background on Small Firms and Alliances in the Arms Industry -- 2. Dream Teams and Brilliant Eyes The SBIRS Low Program, Northrop Grumman's Acquisition of TRW, and the Implications for the Structure of the Military Space Industry -- 3. Unmanned, Unafraid, and Underscoped Success in Four Wars with the Predator Reconnaissance-Strike Drone -- 4. Five Bombs in One Hole, and Cheaply The Joint Direct Attack Munition and the Mass Production of Precision Destruction -- 5. Dili and the Pirates HMAS Jervis Bay and the Military Potential of Aluminum Catamarans -- 6. Mountains Miles Apart Power Scene, the Dayton Peace Talks, and the Demise of Cambridge Research Associates -- 7. Drop Your Purse Force Protection and Blast-Resistant Vehicles -- 8. The Two Towers Concluding Advice to Small Firms, Large Firms, and Governments -- Notes -- Index
Sommario/riassunto	With many of the most important new military systems of the past decade produced by small firms that won competitive government contracts, defense-industry consultant James Hasik argues in Arms and Innovation that small firms have a number of advantages relative to their bigger competitors. Such firms are marked by an entrepreneurial

spirit and fewer bureaucratic obstacles, and thus can both be more responsive to changes in the environment and more strategic in their planning. This is demonstrated, Hasik shows, by such innovation in military technologies as those that protect troops from roadside bombs in Iraq and the Predator drones that fly over active war zones and that are crucial to our new war on terror. For all their advantages, small firms also face significant challenges in access to capital and customers. To overcome such problems, they can form alliances either with each other or with larger companies. Hasik traces the trade-offs of such alliances and provides crucial insight into their promises and pitfalls. This ground-breaking study is a significant contribution to understanding both entrepreneurship and alliances, two crucial factors in business generally. It will be of interest to readers in the defense sector as well as the wider business community.

2. Record Nr.	UNINA9910298316203321
Titolo	Adult and Pluripotent Stem Cells : Potential for Regenerative Medicine of the Cardiovascular System // edited by Jürgen Hescheler, Erhard Hofer
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	94-017-8657-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (174 p.)
Disciplina	610.28
Soggetti	Medicine Biotechnology Cytology Stem cells Regenerative medicine Tissue engineering Cardiology Biomedicine, general Cell Biology Stem Cells Regenerative Medicine/Tissue Engineering
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 at the end of each chapters and index.
Nota di contenuto	General Introduction -- The Infarct Cell Therapy (INELPY) consortium -- Mesenchymal stem cells for cardiac repair: preclinical models of disease -- Resident cardiac progenitor cells -- Endothelial progenitor cells derived from cord or peripheral blood and their potential for regenerative therapies -- Adipose-derived stromal/stem cells and their differentiation potential into the endothelial lineage -- Cardiac cell replacement therapy with pluripotent stem cell-derived cardiomyocytes -- Biomaterials for cardiac tissue engineering and regeneration -- Cell therapy of acute myocardial infarction and ischemic cardiomyopathy: from experimental findings to clinical trials -- Clinical gene and stem cell therapy in patients with acute and chronic myocardial ischemia -- Index.
Sommario/riassunto	There is hardly an area of research developing so quickly and raising so many promises as stem cell research. Adult, embryonic and recently available induced pluripotent stem cells not only foster our understanding of differentiation of endo-, ecto- and mesodermal lineages to all organs of the body, but foremost nourish the hope that cells grown in culture can be used for regeneration of diseased organs such as the heart damaged by myocardial infarction. This book focuses on perspectives of stem cells for regenerative therapy of cardiovascular diseases. Based on the EC consortium INELPY, it reviews the field and disseminates major outcomes of this project. Thus it introduces the reader to this fascinating area of research and incorporates very recent findings interesting to the expert, spanning the field from bench to bedside. The compilation of contributions is unique as there is yet no similar comprehensive overview combining stem cell research with preclinical and clinical evaluation as well as engineering of tissue patches for transplantation. As such it will be an invaluable source of information for all researchers in the stem cell and tissue regeneration field including bioengineers as well as for all clinicians interested in regenerative therapies, especially for ischemic cardiomyopathies.