

1. Record Nr.	UNINA9910143703403321
Titolo	Stem cells [[electronic resource] ] : nuclear reprogramming and therapeutic applications // [editors, Gregory Bock and Jamie Goode]
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley, 2005
ISBN	1-280-23848-8 9786610238484 0-470-09145-2 0-470-09144-4
Descrizione fisica	1 online resource (231 p.)
Collana	Novartis Foundation symposium ; ; 265
Altri autori (Persone)	BockGregory GoodeJamie
Disciplina	616.02774 616/.02774
Soggetti	Stem cells Stem cells - Therapeutic use Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	STEM CELLS: NUCLEAR REPROGRAMMING AND THERAPEUTIC APPLICATIONS; Contents; Participants; Chair's introduction; What is a stem cell?; Discussion; Bone marrow-derived hepatocytes; Discussion; Normal and neoplastic stem cells; Discussion; Multipotent adult progenitor cells: an update; Discussion; Neural progenitor cells of the adult brain; Discussion; General discussion I Stem cells in the brain; Embryonic stem cells: a perspective; Discussion; Nuclear cloning, epigenetic reprogramming and cellular differentiation; Discussion; General discussion II; Nuclear reprogramming by Xenopus oocytes DiscussionCardiac stem cells and myocardial regeneration; Discussion; Generation of insulin-producing cells from stem cells; Discussion; Cell therapy for Parkinson's disease: problems and prospects; Discussion; Ethical (and political) issues in research with human stem cells; Discussion; Final discussion The regulatory environment; Index of contributors; Subject index
Sommario/riassunto	Understanding stem cells at the molecular level is essential to

understanding their behaviour in a physiological context. This volume in our acclaimed Novartis Foundation series features animated discussion from the world's experts in this topic on the important ethical issues that are raised by research on stem cells. They review the various regulatory regimes, which apply in different countries - a key factor in determining where future stem cell research is carried out. Potential clinical applications covered in the book include the production of cardiomyocytes to replace damaged heart ti

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