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Autore	Fahd, Sandra
Titolo	Assessment of non-food crops as renewable alternative for energy and materials a biorefinery concept for southern italy [risorsa elettronica] / tesi di dottorato di: Sandra Fahd ; tutor: Vincenzo Verrastro ; supervisore: Sergio Ulgiati
Pubbl/distr/stampa	Napoli, 2011
Titolo uniforme	Assessment of non-food crops as renewable alternative for energy and materials a biorefinery concept for southern italy
Descrizione fisica	1 disco ottico (CD-ROM) ; 12 cm
Disciplina	333.79
Collocazione	TESI Dottorato CD-ROM/83
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910452502803321
Titolo	Stem cells in reproductive medicine : basic science and therapeutic potential // edited by Carlos Simon, Antonio Pellicer, Renee Reijo Pera [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-139-89154-5 1-107-27260-2 1-107-27199-1 1-107-27532-6 1-107-27857-0 1-107-27408-7 1-139-54074-2 1-107-27734-5
Edizione	[Third edition.]
Descrizione fisica	1 online resource (x, 187 pages) : digital, PDF file(s)
Disciplina	616.02/774
Soggetti	Embryonic stem cells Reproductive health Human reproductive technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Genetics of the germline formation / Orkan Ilbay and Emre Seli -- Germ cell differentiation from pluripotent cells / Jose V. Medrano [and others] -- The male gamete / Nicolas Garrido, Rocio Rivera, and Marcos Meseguer -- In vitro production of functional sperm from neonatal mouse testes / Takehiko Ogawa -- Adult stem cell population in the human testis / Ellen Goossens and Herman Tournaye -- Meiotic recombination in human oocytes / Jennifer R. Gruhn [and others] -- Gene expression dynamics during human embryonic development / Carlos Simon and Renee A. Reijo Pera -- Embryonic stem cells from blastomeres maintaining embryo viability / Irina Klimanskaya -- Gamete generation from stem cells to avoid gamete donation and customized hESC from blastomeres as the cellular insurance for the

newborn : will it ever be ethically acceptable? / Heidi Mertes and Guido Pennings -- Amniotic fluid and placental membranes : unexpected sources of highly multipotent cells / Sean Vincent Murphy and Anthony Atala -- Adult stem cells in the human endometrium / Caroline E. Gargett [and others] -- In utero hematopoietic cell transplantation / Amar Nijagal and Tippi C. MacKenzie -- Bone marrow stroma : a source of mesenchymal stem cells for cell therapy / Agustin G. Zapata -- Dedifferentiation, transdifferentiation, and reprogramming / Sergio Mora and Angel Raya -- The metabolic framework of pluripotent stem cells and potential mechanisms of regulation / Alexandra J. Harvey, Joy Rathjen, and David K. Gardner.

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### Sommario/riassunto

Stem cell science has the potential to impact human reproductive medicine significantly - cutting edge technologies allow the production and regeneration of viable gametes from human stem cells offering potential to preciously infertile patients. Written by leading experts in the field Stem Cells in Reproductive Medicine brings together chapters on the genetics and epigenetics of both the male and female gametes as well as advice on the production and regeneration of gene cells in men and women, trophoblasts and endometrium from human embryonic and adult stem cells. Although focussing mainly on the practical elements of the use of stem cells in reproductive medicine, the book also contains a section on new developments in stem cell research. The book is essential reading for reproductive medicine clinicians, gynecologists and embryologists who want to keep abreast of practical developments in this rapidly developing field.

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