

1. Record Nr.	UNINA9910971361403321
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Titolo	Stem cells and regenerative medicine . Volume 6 Molecular and cellular mechanisms / / Philippe Taupin
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2011
ISBN	1-61761-388-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (154 p.)
Collana	Cell biology research progress
Soggetti	Stem cells Regenerative medicine
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	Intro -- STEM CELLS AND REGENERATIVE MEDICINE. VOLUME 5. PATENTS AND CLINICAL TRIALS -- STEM CELLS AND REGENERATIVE MEDICINE. VOLUME 5. PATENTS AND CLINICAL TRIALS -- Contents -- Preface -- Introduction: Therapeutic Neuronal Stem Cells: Patents at the Forefront* -- Abstract -- 1. Background -- 2. Neural Stem Cells, Therapeutic Potential and Patents -- 3. Expert Opinion -- Acknowledgments -- References** -- Chapter I Adult Neurogenesis and Pharmacology in Alzheimer's Disease and Depression -- Abstract -- Introduction -- Adult Neurogenesis in Alzheimer's Disease -- Adult Neurogenesis in Depression -- Discussion -- Conclusion and Perspectives -- Acknowledgments -- References -- Chapter II Adult Neurogenesis in the Pathogenesis of Alzheimer's Disease -- Acknowledgments -- References -- Chapter III Therapeutic Potential of Adult Neural Stem Cells* -- Abstract -- Introduction -- Neural Progenitor and Stem Cells -- Neural Progenitor and Stem Cells in Vitro -- Origin of Newly Generated Neuronal Cells in the Adult Brain -- Therapeutic Potential of Adult NSCs -- Cellular Therapy -- Gene Therapy -- Current and Future Developments -- References** -- Chapter IV Human Neural Progenitor and Stem Cells* -- Abstract -- 1. Introduction -- 2. Chemistry -- 2.1 Proliferation Medium -- 2.2 Culture of Human Fetal Neural Progenitor and Stem Cells -- 3. Biology and Action -- 3.1 Growth Rate -- 3.2 Immunocytofluorescence -- 3.3 Differentiation of Human Fetal Neural Progenitor and Stem Cells -- 4.

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Sommario/riassunto

Stem cells are the building blocks of the body. They can develop into any of the cells that make up our bodies. Stem cells carry a lot of hope for the treatment of a broad range of diseases and injuries, spanning from cancers, diabetes, genetic diseases, graft-versus-host disease, eye, heart and liver diseases, inflammatory and autoimmune disorders, to neurological diseases and injuries, particularly neurodegenerative diseases, like Alzheimer's and Parkinson's diseases, cerebral strokes, and traumatic brain and spinal cord injuries. Stem cell research is therefore as important for understanding the Physio- and pathology of the body as for development and therapy as well as for understanding the nervous system. This book provides an overview and in-depth analysis of recent developments in stem cell research and therapy.
