

1. Record Nr.	UNINA9910791837003321
Titolo	Daughter cells [[electronic resource]] : properties, characteristics, and stem cells / / Ayane Hitomi and Masuyo Katoaka, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61761-748-2
Descrizione fisica	1 online resource (345 p.)
Collana	Cell biology research progress series
Altri autori (Persone)	HitomiAyane KatoakaMasuyo
Disciplina	571.8/44
Soggetti	Cell division Cell differentiation Stem cells
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	""DAUGHTER CELLS: PROPERTIES, CHARACTERISTICS AND STEM CELLS""; ""CONTENTS""; ""PREFACE""; ""DAUGHTER CELLS OF MICROALGAE""; ""ABSTRACT""; ""INTRODUCTION""; ""THE CELL CYCLE IN CHLAMYDOMONAS AND DUNALIELLA""; ""Cell Cycle Stages in Synchronous Cultures of Chlamydomonas""; ""Commitment to Division in Chlamydomonas""; ""Light Quality and the Division Process in Chlamydomonas""; ""Cell Cycle Control Proteins in Chlamydomonas""; ""Genetic Control of Cell Cycle Regulators in Chlamydomonas""; ""Circadian Rhythms and the Cell Cycle in Chlamydomonas"" ""Morphological Changes over the Cell Cycle in Chlamydomonas""; Chloroplast Division in Chlamydomonas""; ""Changes in Photosynthetic Performance during the Cell Cycle in Chlamydomonas""; ""The Sexual Life Cycle of Chlamydomonas""; ""Cell Cycle Proteins in Dunaliella""; ""THE CELL CYCLE IN CHLORELLA AND NANNOCHLORIS""; ""Early Work with Synchronous Cultures of Chlorella""; ""Nitrogen Metabolism of Synchronous Cultures of Chlorella""; "" <i>Gianta</i> Cells of the Emerson Strain of Chlorella""; ""Circadian Rhythms of Daughter Cell Production in Chlorella""; ""Cell Division in Nannochloris"" ""THE CELL CYCLE IN SCENEDESMUS""; ""Cell Cycle Patterns in Scenedesmus""; ""Special Features of the Cell Cycle Related to the Colonial Habit""; ""Co-ordination of Cellular and Organellar Events in

the Scenedesmus Cell Cycle"; ""Cell Cycle Regulatory Proteins in Scenedesmus"; ""THE CELL CYCLE IN DIATOMS"; ""Cell Synchrony and the Si-requirement in Diatoms"; ""Cell Cycle-related Metabolic Changes in Diatoms"; ""Sexual Reproduction in the Diatoms"; ""THE CELL CYCLE IN EUGLENA"; ""Circadian Gating of Cell Division in Euglena"; ""THE CELL CYCLE IN DINOFLAGELLATES""  
""Circadian Rhythms and the Cell Cycle in Dinoflagellates""""The Role of Light in the Circadian Cycle in Dinoflagellates""; ""Cell Cycle Regulatory Proteins and the Circadian Cycle in the Dinoflagellates""; ""Molecular Genetics of Circadian Regulation in Dinoflagellates""; ""THE CELL CYCLE IN UNICELLULAR CYANOBACTERIA""; ""Studies with Synechococcus""; ""Studies with Prochlorococcus""; ""Circadian Rhythms and Cyanobacterial Cell Division""; ""CONCLUSION""; ""REFERENCES""; ""STEM CELLS AND MORPHOGENETIC DEVELOPMENTAL PROGRAMS IN PLANTS""; ""ABSTRACT""; ""INTRODUCTION""  
""Propagation: Its Modes, Types and Forms""""THE MODES OF ORGANISM FORMATION, PROPAGATION AND RENEWAL""; ""Seed Propagation""; ""Vegetative Propagation""; ""Genetic Grounds for Viviparity""; ""NONTRADITIONAL NOTIONS OF THE TYPES AND MODES OF REPRODUCTION""; ""Morphogenesis Pathways""; ""Embryoidogeny: A New Category of Vegetative Propagation""; ""Gametophytic Embryoidogeny""; ""Foliar Embryoidogeny""; ""Rhizogenous Embryoidogeny""; ""Parallelism in the Development of Sexual and Somatic Embryos""; ""Initial Cells of Sexual and Somatic Embryos""; ""Initial Cells of Sexual Embryo""  
""Initial Cells of Somatic Embryos (Monozygotic, Nucellar, Integumentary, Foliar, Cauligenous and Rhizogenous) in Natural Conditions""

---