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Titolo	Amniotic Membrane : Origin, Characterization and Medical Applications // edited by Ana Catarina Mamede, Maria Filomena Botelho
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	94-017-9975-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (256 p.)
Disciplina	610
Soggetti	Medicine Cell membranes Clinical biochemistry Biomedicine, general Membrane Biology Medical Biochemistry
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	1 Embryology and anatomy of placental membranes -- 2 Biochemical properties of amniotic membrane -- 3 Biophysical properties of amniotic membrane -- 4 Stem properties of amniotic membrane-derived cells -- 5 Amniotic membrane in health and disease: an obstetrical perspect -- 6 Amniotic membrane in ophthalmology -- 7 Amniotic membrane in the treatment of burns -- 8 Amniotic membrane in cancer -- 9 Amniotic membrane in oral medicine -- 10 Amniotic membrane in gynaecology -- 11 Amniotic membrane and the controlled drug release -- 12 Isolation and characterization of mesenchymal stem cells from amniotic membrane -- 13 Preservation of amniotic membrane -- 14 Ethical and legal concerns of the use of amniotic membrane -- Index.
Sommario/riassunto	This book describes the human amniotic membrane from its origin, characterization and medical applications, summarizing all the latest developments and findings related to this tissue with contributions from some of the leading researchers in the field. The book addresses issues for its preservation, separation and identification of amniotic membrane-derived cells, as well as the potential ethical issues involved

in their use. The topic of this book is particularly pertinent for clinicians and researchers involved in the research and use of this tissue.

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