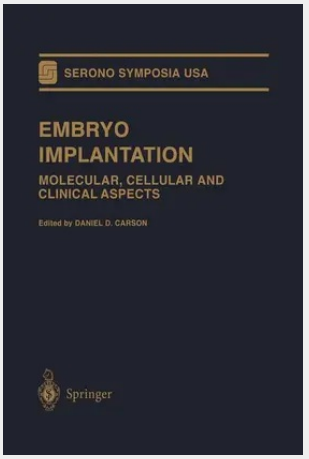
Carson

Embryo Implantation

Molecular, Cellular and Clinical Aspects



160,49 €
149,99 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9780387988061
Medium: Buch
ISBN: 978-0-387-98806-1
Verlag: Springer
Erscheinungstermin: 24.09.1999
Sprache(n): Englisch
Auflage: 1999. Auflage 1999
Serie: Serono Symposia USA
Produktform: Gebunden
Gewicht: 1460 g
Seiten: 308
Format (B x H): 152 x 229 mm

pactthanourcolleague,AllenEnders. Dr. Endershasplayedaparamount roleindevelopingthebasicunderstandingofthecellbiologicalprocesses vii VIII Preface underlyingimplantationandplacentationinmanyspecies,includinghu mans. Hecontinuestocontributeandguidethoughtinthesеareas. The participantsofthissymposiumrecognizedDr. Enders'impressivecontribu tionsbyholdingthiseventinhishonor. DANIELD. CARSON • Contents Preface vii Contributors xiii PartI. Development and Future ofHuman In Vitro Fertilization and Embryo Implantation I. ImplantationintheHumanasViewedbyCanonLaw, CivilLaw,andNaturalReason 3 HOWARDW. JONES, JR., RICHARDA. MCCORMICK, AND SUSAN L. CROCKIN 2. TheImpactofMaternalAgeandOvarianAge onImplantationEfficiency. 12 STEVEN SPANDORFER AND ZEV ROSENWAKS Part II. CellularAspects ofImplantation 3. VascularInvasionDuringImplantationandPlacentation 23 ALLEN C. ENDERS AND THOMASN. BLANKENSHIP 4. OxygenRegulatesHumanCytotrophoblastProliferation, Differentiation,andInvasion:Implicationsfor EndovascularInvasioninNormalPregnancy andPreeclampsia 39 OLGA GENBACEV,YAN ZHOU, MICHAEL T. McMASTER, JOHNW. LUDLOW, CAROLINEH. DAMSKY, AND SUSAN1. FISHER 5. Embryo-MaternalInteractionsafterDiapause inaMarsupial 54 MARILYNB. RENFREE AND GEOFFREY SHAW IX x Contents 6. CellularInteractionsandtheCysteineProteinases intheProcessofMouseImplantation 67 BRUCE BABIARZ, SUZANNE AFONSO, ANDLINDA ROMAGNANO Part III. HormonalRegulation 7. NovelSteroid-RegulatedMarkersofImplantation 83 INDRANIC. BAGCHI 8. MolecularSignalinginImplantation 92 SANJOYK. DAS, BIBHASHC. PARIA, AND SUDHANSU K. DEY 9. IdentificationofProgesterone-RegulatedGenes intheUterus 107 CINDEER. FUNK, BERTW. O'MALLEY, AND FRANCESCO1. DEMAYO PartIV. MolecularMarkersofReceptivity 10. MucinsProvideaBarriertoEmbryoImplantation 123 MARYM. DESOUZA, GULNARA. SURVEYOR, XINHUI ZHOU, JoANNE JULIAN, ANDDANIELD. CARSON II. PotentialInvolvementofTrophinin,Bystin, andTastininEmbryoImplantation 132 MICHIKON. FUKUDA, DAITA NADANO,NAO SUZUKJ, AND JUN NAKAYAMA 12. OsteopontininHumanEndometrium: ARoleinEndometrialReceptivityand EmbryoImplantation? 141 CHRISTOS COUTIFARJS,AKINYINKA OMIGBODUN, PIOTR ZIOLKIEWICZ, AND JOHN HOYER PartV. TrophoblastFactors 13. TheRabbitasaModelforImplantation: InVivoandInVitroStudies 151 LORENH. HOFFMAN,D. RACHEL BREINAN, AND GARETHL. BLAEUER 14. RegulationofTrophoblastEndocrineFunction: ThePlacentaDoesItsOwnThingTranscriptionally. 161 JEROMEF. STRAUSSIII ANDLEE-CHUANKAo Contents XI 15. TranscriptionFactorsRegulatingtheDifferentiation oftheTrophoblastCellLineage 167 IANC. SCOTTANDJAMESC.

pactthanourcolleague,AllenEnders. Dr. Endershasplayedaparamount roleindevelopingthebasicunderstandingofthecellbiologicalprocesses vii VIII Preface underlyingimplantationandplacentationinmanyspecies,includinghu mans. Hecontinuestocontributeandguidethoughtinthesеareas. The participantsofthissymposiumrecognizedDr. Enders'impressivecontribu tionsbyholdingthiseventinhishonor. DANIELD. CARSON . Contents Preface vii Contributors xiii PartI. Development and Future ofHuman In Vitro Fertilization and Embryo Implantation I. ImplantationintheHumanasViewedbyCanonLaw, CivilLaw,andNaturalReason 3 HOWARDW. JONES, JR. , RICHARDA. MCCORMICK, AND SUSAN L. CROCKIN 2. TheImpactofMaternalAgeandOvarianAge onImplantationEfficiency. . . . . 12 STEVEN SPANDORFER AND ZEV ROSENWAKS Part II. CellularAspects ofImplantation 3. VascularInvasionDuringImplantationandPlacentation 23 ALLEN C. ENDERS AND THOMASN. BLANKENSHIP 4.

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)