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| Descrizione fisica | 1 online resource (691 p.) |
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| Altri autori (Persone) | MartinetJack HoudebineLouis-Marie HeadHerbert-H |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ""Contents""; ""Introduction""; ""1. Mammary gland, mammogenesis, growth factors, lactogenesis J. Martinet, L. M. Houdebine""; ""Development of the mammary gland from the embryo stage to the first pregnancy""; ""Microscopic morphology""; ""Endocrinology of pregnancy""; ""Mammogenesis, growth factors and intercellular relationships""; ""Lactogenesis""; ""Milking and reproduction""; ""2. Placenta and lactation J. Martal, N. Chene""; ""Introduction""; ""Isolation, purification, and physiochemical characterization of placental lactogens"" ""Immunological characteristics and site of synthesis of PL""""Placental lactogens and lactation""; ""Bovine placental lactogen (bPL) and lactation""; ""Caprine placental lactogen (cPL) and lactation""; ""Human placental lactogen and lactation""; ""Discussion and conclusions""; ""3. Hormonal control of cell division and DNA synthesis in the mammary gland L. Zwierzchowski""; ""Mammary gland cell proliferation and DNA synthesis during pregnancy and lactation""; ""Experimental induction of mammary gland cell : proliferation and DNA synthesis in vivo and in |

vitro"

"Interrelationship between the mammary gland growth and differentiation""Possible mechanisms and effectors involved in the mitogenic action of hormones on mammary gland cells"; "Summary and conclusions"; "4. Multi-faceted regulation of cell differentiation by extracellular matrix Claudia Q. Lin, Mina J. Bissell"; "Introduction"; "The mammary gland"; "ECM regulation of hepatocyte function"; "Regulation of keratinocyte function by ECM"; "Conclusion"; "5. Oncogenes, tumor suppressor genes and mammary tumors P. Hainaut, P. Berthon, M. Crepin"; "Introduction"
"Risk factors for breast cancer in women""Molecular lesions in the progression of cancer"; "Mammary tumors in experimental animals"; "Genetic changes associated with human breast cancer"; "Interrelations between hormones, growth factors and the products of cancer genes"; "Concluding remarks : multiple steps involved in breast cancer progression"; "6. Multifactorial regulation of prolactin secretion from lactotroph cells : transduction mechanisms A. Enjalbert"; "Multifactorial regulation"; "Transduction mechanisms in lactotroph cells"
"Multiple coupling mechanisms of membrane receptors""7. Prolactin-secreting adenomas and functional hyperprolactinemia F. Peillon"; "Prolactinomas"; "Functional hyperprolactinemia"; "Pathophysiology"; "8. Structure, function and expression of prolactin receptors in mammals Marc Ederly, Paul A. Kelly"; "Structure of prolactin receptor"; "Prolactin receptor expression in the mammary gland"; "Signal transduction pathways"; "Knock-out mice"; "9. Physiology and biochemistry of lactogenesis : stimulation by antiprogesterones Ricardo P. Deis, Antoine Perier, Graciela A. Jahn"
"Lactogenesis and parturition"
