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Titolo	Perinatal programming [[electronic resource]] : the state of the art / / edited by Andreas Plagemann
Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, c2012
ISBN	1-283-39989-X 9786613399892 3-11-024945-6
Descrizione fisica	1 online resource (310 p.)
Altri autori (Persone)	PlagemannAndreas
Disciplina	618.3/2
Soggetti	Perinatology Electronic books.
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	The past and future of perinatal medicine -- Experimental models of low birth weight--insight into the developmental programming of metabolic health, aging, and immune function -- Cardiovascular consequences of IUGR : experimental aspects -- Fetal programming of endocrine function in IUGR offspring depends on the cause of low birth weight : evidence from animal models and the human FIPS-study -- Intrauterine corticosteroids for lung maturation : observations of HPA axis function and cardiac autonomic balance in the neonate -- Feast or famine : in the fast lane to puberty -- Early life origins of diabetes and obesity : general aspects and the thin-fat baby paradigm -- The outcome in offspring of obese mothers -- Short and long term effects of gestational obesity : clinical observations -- Emerging role of neuroendocrine programming in obesity -- Genetic influences on the long-term effects of the perinatal environment on energy homeostasis and offspring obesity -- Perinatal programming in offspring of diabetic mothers : clinical data -- Experimental observations on perinatal programming in offspring of diabetic mothers -- Prenatal infections and long-term mental outcome : modeling schizophrenia-related dysfunctions using the prenatal Poly I : C model in mice -- Prenatal programming of cognition and emotion in humans : from birth to age 20 -- Perinatal programming of allergy -- Perinatal origin of testicular

	germ cell cancer : possible involvement of developmental re-programming -- Epigenetic adaptation during early life -- Toward a unifying concept on perinatal programming.
Sommario/riassunto	Perinatal Programming addresses the environment-dependent setting of fundamental life functions and dispositions for diseases in developmental periods during pregnancy and in early infancy. It provides a new view of the origins of health and diseases. To realize these associations may enable us to prevent diseases for the long term. This book reviews actual state-of-the-art knowledge in the perinatal programming field. The authors are internationally known scientists of this research area.