Record Nr. UNINA9910791371103321 Genes, brain, and development: the neurocognition of genetic **Titolo** disorders / / edited by Marcia A. Barnes [[electronic resource]] Pubbl/distr/stampa Cambridge:,: Cambridge University Press,, 2010 **ISBN** 1-107-20735-5 0-511-84804-8 1-282-63728-2 9786612637285 0-511-76912-1 0-511-76996-2 0-511-76689-0 0-511-76550-9 0-511-77070-7 0-511-76828-1 1 online resource (xvi, 220 pages) : digital, PDF file(s) Descrizione fisica Collana Series for the International Neuropsychological Society Disciplina 616.85/88042 Developmental disabilities - Genetic aspects Soggetti Neurologic manifestations of general diseases Genetic disorders Psychophysiology - Genetic aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Intergenerational effects of mutations in the fragile X mental retardation 1 gene : fragile X : a model of X-linked mental retardation and neurodegeneration / Mariya Borodyanskaya ... [et al.] -- Autism : genes, anatomy, and behavioral outcome / Emma Esser, Saasha Sutera, and Deborah Fein -- Development in spina bifida: neurobiological and environmental factors / Marcia A. Barnes ... [et al.] -- Language and communication in autism spectrum disorders / Susan Ellis Weismer --Language development in children with Williams syndrome: new insights from cross-linguistic research / Stavroula Stavrakaki --Language in Down syndrome: a life-span perspective / Jean A. Rondal

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Sommario/riassunto

Genetic syndromes and neurodevelopmental disorders that have a genetic basis are associated with cognitive and academic disabilities. Genes, Brain and Development reviews the connections between genes, brain, and behavior for a range of genetic disorders, and also considers lifespan and treatment issues. The content further explores what is known about development in neurogenetic disorders, particularly in the domains of language and mathematics, and shows how this knowledge is pertinent to understanding both these specific disorders, and disorders of language and math more generally. This will be essential reading for a wide range of brain scientists and developmental clinicians, including neuropsychologists, cognitive psychologists, neurologists, psychiatrists, pediatricians, neuroscientists and geneticists.