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| Altri autori (Persone)  | BockGregory<br>CardewGail   |
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| Soggetti                | Cerebral cortex - Growth<br>Developmental neurobiology  |
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| Nota di contenuto       | DEVELOPMENT OF THE CEREBRAL CORTEX; Contents; Participants; Introduction: mysteries in the making of the cerebral cortex; Cell lineage and patterns of migration in the developing cortex; The cell lineage of neuronal subtypes in the mammalian cerebral cortex; General discussion I; The generation of cellular diversity in the cerebral cortex; Factors regulating the differentiation of neural precursors in the forebrain; Emx and Otx gene expression in the developing mouse brain; General discussion II; Guidance of thalamocortical innervation Subplate neurons and the patterning of thalamocortical connectionsThe specificity of interactions between the cortex and the thalamus; General discussion III; Molecular contributions to cerebral cortical specification; Plasticity in the development of neocortical areas; The roles of growth factors and neural activity in the development of the neocortex; General discussion IV; Factors that are critical for plasticity in the visual cortex; Cortical development and neuropathology in schizophrenia; Pathology |

of cortical development and neuropsychiatric disorders; Final discussion

Index of contributors Subject index

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**Sommario/riassunto**

This book details the rapidly advancing research on the development of the cerebral cortex. Topics covered include: new physiological data showing patterns in developing cortical organization; abnormalities of cortical development associated with psychiatric disorders; and research on cell identity and regionalization of the cortex.

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