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Titolo	Cellular migration and formation of neuronal connections // editors-in-chief, Professor John L.R. Rubenstein, Department of Psychiatry, University of California at San Francisco, San Francisco, CA, USA, Professor Pasko Rakic, Duberg Professor of Neurobiology and Neurology, Director Kavli Institute for Neuroscience, Yale University School of Medicine, New Haven, CT, USA
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Descrizione fisica	1 online resource (xi, 1068 pages) : illustrations (some color)
Collana	Comprehensive developmental neuroscience
Disciplina	612.8
Soggetti	Developmental neurobiology Neurons - Growth Neurons - Physiology Axons - Growth Axons - Physiology Dendrites - Growth Dendrites - Physiology Cellular signal transduction - Physiology
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	section 1. Formation of axons and dendrites -- section 2. Migration -- section 3. Synaptogenesis -- section 4. Developmental sequences in the maturation of intrinsic and synapse driven patterns.
Sommario/riassunto	The genetic, molecular, and cellular mechanisms of neural development are essential for understanding evolution and disorders of neural systems. Recent advances in genetic, molecular, and cell biological methods have generated a massive increase in new information, but there is a paucity of comprehensive and up-to-date syntheses, references, and historical perspectives on this important subject. The Comprehensive Developmental Neuroscience series is designed to fill

this gap, offering the most thorough coverage of this field on the
market today and addressing all aspects of how the n
