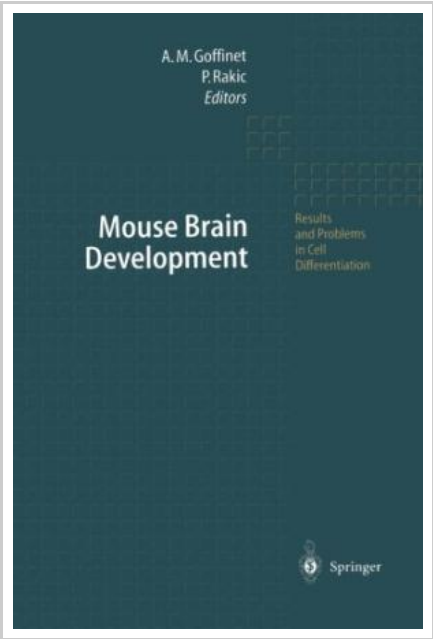

Mouse Brain Development

By Goffinet, Andre M. / Rakic, Pakso

Book Condition: New. Publisher/Verlag: Springer, Berlin | Our understanding of the molecular mechanisms involved in mammalian brain development remains limited. However, the last few years have wit nessed a quantum leap in our knowledge, due to technological improve ments, particularly in molecular genetics. Despite this progress, the available body of data remains mostly phenomenological and reveals very little about the grammar that organizes the molecular dictionary to articulate a pheno type. Nevertheless, the recent progress in genetics will allow us to contem plate, for the first time, the integration of observation into a coherent view of brain development. Clearly, this may be a major challenge for the next century, and arguably is the most important task of contemporary develop mental biology. The purpose of the present book is to provide an overview that syn thesizes up-to-date information on selected aspects of mouse brain devel opment. Given the format, it was not possible to cover all aspects of brain development, and many important subjects are missing. The selected themes are, to a certain extent, subjective and reflect the interests of the contributing authors. Examples of major themes that are not covered are peripheral nervous system development, including myelination, the development of...

Reviews

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