



Neural Development And Stem Cells

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Summary : Free neural development and stem cells pdf download - this expanded and updated edition reflects the enormous increase in our knowledge of the development of the nervous system and the use of neural stem cells in clinical applications integrating new information about the use of development of neural stem cells for clinical applications. Drs. Rao, Carpenter, and Vemuri have added additional chapters on neural transplantation and development of neural stem cells using reprogramming technologies. A new chapter on cancer in the nervous system delineates how the fundamental biology of neural stem cells informs our understanding of cancer and tumor formation in the nervous system. Special attention is paid to the derivation of neural cells from embryonic stem cells and induced pluripotent stem cells. This authoritative and up-to-date neural development and stem cells 3rd edition provides neuroscientists with a handy guide to stem cells in the nervous system, tracing with great clarity the development of stem cells from differentiation to neurons, astrocytes, and oligodendrocytes.

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