

Special Issue

NF- κ B in Stem Cells and the Nervous System: From Embryonal Development to Adulthood

Message from the Guest Editor

Nuclear factor kappa B (NF- κ B) is an inducible transcription factor discovered nearly thirty years ago in the lab of David Baltimore. Since then, NF- κ B has been found to play key functions in development, inflammation, cell proliferation, the immune system, as well as in the nervous system. As a novel topic in recent years, the role of NF- κ B in stem cells has been investigated. This research included embryonic stem cells and their laboratory-made counterparts (induced pluripotent stem cells) followed by tissue resident adult stem cells. The aim of this Special Issue is to review the contribution of NF- κ B from the inner cell mass of the blastula (embryonic stem cells) to the development of the neural crest and the nervous system. Discussions of human and animal model systems are very welcome.

Guest Editor

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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