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Frontiers in Neuroregeneration

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Message from the Guest Editors

It has been quite a while since we showed that neural stem cell (NSC) transplantation improved the cognition of aged animals. However, it is challenging to obtain NSCs for transplantation since they are localized deep in the brain. We have developed technologies to produce pluripotent stem cells from somatic cells, which allows us to use autologous stem cells for transplantation. However, there remains the issue of controlling cell fate and the development of tumors. Thus, we believe that it will take more time for cell-transplantation-based neuroregenerative therapy to contribute to medicine.

In this Special Issue, we would like to cover new concepts in neuroregeneration therapies, including but not limited to using small molecular compounds to increase neurogenesis. The submission of not only research articles but also scientific perspectives or comprehensive reviews is welcome.



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Special Issue



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Message from the Editor-in-Chief

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