



Mechanism of Adult Neurogenesis

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Message from the Guest Editors

Dear Colleagues,

Neural stem or neural progenitor cells can proliferate and differentiate into mature neurons, and this process is called neurogenesis. Neurogenesis is observed only in a limited period during development. However, in the 1990s, several studies showed the continuous addition of new neurons in discrete brain regions throughout life, and found a regenerative capacity in the adult brain.

It is believed that adult neurogenesis can have a therapeutic effect in aging and neurological disorders, so as to facilitate recovery from neuronal death. Although many researchers have been tried to find the effects of adult hippocampal neurogenesis in various neurological diseases, the molecular mechanisms of hippocampal neurogenesis still remain unclear in conjunction with neurological diseases.

This Special Issue aims to highlight the molecular mechanisms of adult hippocampal neurogenesis in aging, as well as various neurological conditions including stroke, epilepsy, neurodegenerative disorders, and neuropathy. Both original research articles and reviews are welcome.

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Guest Editors





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Message from the Editor-in-Chief

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