

Special Issue

Neurotrophic Factors: A Focus on the Therapeutic Level

Message from the Guest Editor

This Special Issue aims to explore the therapeutic potential of NTFs for the treatment of neurodegenerative diseases and other nervous system disorders. NTFs play crucial roles in development and regeneration and also hold promise as therapeutic agents for conditions like AD, PD, ALS, MS, and SCI. We invite research articles, reviews, and clinical studies that cover:

The efficacy of neurotrophic factors in preclinical and clinical settings;

New drug delivery approaches for neurotrophic factors;

Neurotrophic factors as regenerative therapy for neurodegenerative diseases;

Delivery systems and biomaterials that enhance the stability and targeting of neurotrophic factors;

The engineering and modification of neurotrophic factors for enhanced therapeutic efficacy;

The mechanisms of action of neurotrophic factors in promoting neuroprotection and neural regeneration;

The challenges and limitations of translating neurotrophic factor-based therapies from bench to bedside;

Combination therapies involving NTFs and other pharmacological agents;

Gene therapy and stem cell-based approaches to enhancing neurotrophic factor delivery;

Guest Editor

Dr. Nidhi Puranik

Department of Life Sciences, Yeungnam University, Gyeongsan, Republic of Korea

Deadline for manuscript submissions

closed (30 January 2026)



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Neurology International
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
neurolint@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Junji Yamauchi

1. Laboratory of Molecular Neurology, Tokyo University of Pharmacy and Life Sciences, Tokyo, Japan
2. Department of Pharmacology, National Research Institute for Child Health and Development, Tokyo, Japan

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