

Special Issue

Gene- and Peptide-Based Therapeutics for Neurodegenerative Disorders

Message from the Guest Editors

Recent advances in gene- and peptide-based therapeutics are transforming the treatment landscape by offering precision-targeted interventions to modulate disease pathways, restore cellular homeostasis, and improve neuroprotection. This Special Issue invites cutting-edge research and reviews exploring novel genetic and peptide-based approaches, including gene editing, RNA-based strategies, peptide mimetics, and targeted delivery systems. We welcome contributions that highlight translational potential, mechanistic insights, and innovative preclinical or clinical developments in the field. By bringing together the latest advancements, we aim to foster the development of new strategies to address neurodegeneration and accelerate the path toward effective treatments. As a joint Special Issue between *Pharmaceutics* and *Biomedicines*, we invite both pharmaceutical studies on drug delivery, nanoparticle-based carriers, polymeric systems, and targeted delivery strategies and biomedical studies focusing on therapeutic mechanisms, biomarker identification, neuroinflammation, and disease-modifying strategies.

Guest Editors

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Editor-in-Chief

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