

Special Issue

Animal Models of Neurological Disorders: Where Are We Now? (2nd Edition)

Message from the Guest Editors

Animal models are powerful tools for investigating the key principles and underlying mechanisms of diseases and disorders. This Special Issue will provide experimental evidence, updated views, and new treatment strategies regarding these disorders. Critical discussions on the advantages and limitations of animal models used to mirror these neurological disorders are also welcome. This Special Issue will cover original articles and reviews on every aspect of mammalian and non-mammalian animal models of Parkinson's disease, Alzheimer's disease, epilepsy, Huntington's disease, and schizophrenia. This may include genetic, pharmacological, chemogenetic, and optogenetic models of neurological disorders. In this issue, we also encourage authors to submit work on rare neurological and developmental disorders which affect the brain, spinal cord, or peripheral nerves. Moreover, we encourage submissions on novel tools and methods related to animal models of the abovementioned neurological disorders as well. Tools and methods will only be considered if they are novel, well documented, discussed, and have the potential to be useful to the scientific world.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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