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Amyotrophic Lateral Sclerosis: Understanding the Pathogenetic Mechanisms for the Development of New Therapies

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Deadline for manuscript
submissions:
closed (20 July 2023)

Message from the Guest Editor

Dear Colleagues,

Over the past twenty years, we have seen a dramatic increase in knowledge of Amyotrophic Lateral Sclerosis. Using animal and *in vitro* models has allowed for the identification of several mechanisms that contribute to motor neuron (MN) injury. It has emerged that certain aspects of ALS are non-cell-autonomous and that other cell types within the spinal cord, and peripheral immune system, contribute to the progression of the disease. However, due to the multifaceted and multisystemic nature of the disease, several pathological aspects are still to be clarified.

In this Special Issue of *Cells*, I invite you to contribute in the form of original research articles, reviews, or shorter perspective articles on all aspects related to the theme of molecular mechanisms and targets that might spread out the therapeutic perspective in ALS. Expert articles describing ALS mechanistic, functional, cellular, biochemical, or general aspects are highly welcome.



mdpi.com/si/137407

Special Issue



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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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