Special Issue

Dyskinesia in Parkinson's Disease: New Mechanisms and Molecular Targets

Message from the Guest Editors

L-DOPA still represents the most effective medication for alleviating motor symptoms of Parkinson's disease. However, as the disease progresses and neuronal degeneration gets worse, the efficacy of L-DOPA is progressively reduced and motor complications, particularly L-DOPA-induced dyskinesia (LID), appear, complicating disease management. A great contribution to the understanding of the mechanisms underlying LID has been achieved by the introduction of validated animal models of dyskinesia, mainly rodents and non-human primates. In this Special Issue, we will focus on peak-dose dyskinesia, the most troublesome type of dyskinesia, which can be reliably mimicked in such animal models. This work aims at providing an updated overview on the mechanisms, circuits, and therapeutic approaches in dyskinesia by collecting a series of contributions from recognized international experts in this field working on either clinical or preclinical aspects.

Guest Editors

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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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