

Special Issue

Cell Therapy for Parkinson's Disease

Message from the Guest Editors

Cell therapy offers a complete paradigm shift from current treatments, as this approach holds the potential to stop or even reverse the progression of the disease. Pioneering preclinical studies on dopaminergic transplants and decades of advances in neuron regeneration paved the way for considering cell-based therapies suitable for clinical translation. The field is now entering a new phase where clinical-grade products based on pluripotent stem cells are being trialled in patients. Moreover, the development of potential new therapies, based on tissue engineering and gene therapy, is really breaking new ground in the field. Despite the encouraging results obtained in preclinical studies, translational application of these therapies has not been at the desired level and further studies are undoubtedly needed. **The aim of this Special Issue is to broaden the knowledge on the use of regenerative medicine, especially focused on innovative cell therapy strategies, as potential approaches for the treatment of Parkinson's disease.**

Guest Editors

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