Universität Rostock Traditio et Innovatio

Universitätsmedizin Rostock

Lecture of Excellence
”Pioneers in Neurosciences”

Stem Cell Therapy for Parkinson´s Disease: Where Are We Now - and What Next?

Professor Anders Björklund

Developmental and Regenerative Neurobiology
Lund University, Sweden

Cell therapy for Parkinson´s disease is based on the idea that stem cell-derived dopamine neuron progenitors can be used to replace the nigral dopamine neurons that have been lost to the disease. The lecture summarizes the state of the art in this field and how the dopamine cell replacement approach can be further developed to reach the goal of fully functional circuitry repair.

12. September 2024, 16:00 Uhr
Hörsaal 218, Hauptgebäude
Universitätsplatz 1, 18055 Rostock

Anders Björklund is a Swedish neuroscientist and pioneer in the study of cell- and gene-based reparative and neuroprotective mechanisms in the brain. At Lund University, his team pioneered the development of stem cell-based therapies for brain repair and has for more than four decades played a leading role in the development and use of dopamine cell replacement in patients with Parkinson's disease. He is a member of the Royal Swedish Academy of Sciences and of the National Academy of Sciences, USA.

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