

SEMINAIRE 2025

07
Novembre
10h

Biserte
Meeting Room



Invité par l'équipe
« Alzheimer et tauopathies »

Dr Benjamin Dehay

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Bridging the Gap: Non-Human Primates in Translational Synucleinopathy Research

Progressive neuronal cell loss in a small subset of brainstem and mesencephalic nuclei and widespread aggregation of the α -synuclein protein in the form of Lewy bodies and Lewy neurites are neuropathological hallmarks of Parkinson's disease. Most cases occur sporadically, but mutations in several genes are associated with disease development. The presentation will highlight the crucial role of non-human primates as preclinical models for understanding synucleinopathies such as Parkinson's disease, due to their anatomical and physiological similarity to humans, allowing for a better understanding of pathological mechanisms and the evaluation of innovative therapies. Altogether, it will emphasize how these models help bridge the gap between basic research and clinical applications.