



## Development of a new in vivo radiotracer for alpha-synuclein

**Acronym:** DiaSyn

**Coordinator:** Mireille Dumoulin, Laboratory of Enzymology and Protein folding, Centre of Protein Engineering, University of Liège, Belgium; [mdumoulin@ulg.ac.be](mailto:mdumoulin@ulg.ac.be)

**Partners:** André Luxen, Mathieu Cinier, Maxime Culot, Anne Michel, Prof Rosario Moratalla



Belgium France Spain

One of the pathological hallmarks of Parkinson's disease (PD) is the progressive loss of dopaminergic neurons in the substantia nigra pars compacta of the brain, associated with the formation of intracellular fibrillar inclusions known as Lewy bodies (LB). The aim of the DiaSyn project is to develop a PET imaging tracer for highly specific and sensitive detection and quantification in the brain. Proteinaceous molecular probes that specifically target the pathological species will be developed.

“Develop a PET imaging tracer for Parkinson's disease”

