

# Role of dopamine and serotonin in the expression of non-motor symptoms of Parkinson's disease: multidisciplinary approaches that combine pre-clinical research in nonhuman primates and clinical research.

<https://neurodegenerationresearch.eu/survey/title-of-pirole-of-dopamine-and-serotonin-in-the-expression-of-non-motor-symptoms-of-parkinsons-disease-multidisciplinary-approaches-that-combine-pre-clinical-research-in-nonhuman-primates-and-clini/>

## Title of project or programme

Title of PI Role of dopamine and serotonin in the expression of non-motor symptoms of Parkinson's disease: multidisciplinary approaches that combine pre-clinical research in nonhuman primates and clinical research.

## Principal Investigators of project/programme grant

Title	Forname	Surname	Institution	Country
Research Director	Leon	Tremblay	CNRS	France
Hospital Practitioner		Thobois	CHU Lyon	France
Univ. Prof. And Hospital Practitioner	Luc	Zimmer	ISPB, Univ. Lyon	France

## Address of institution of lead PI

Institution UMR 5229 – Centre de Neuroscience Cognitive

Street Address 67 boulevard Pinel

City BRON

Postcode 69675

## Country

- France

## Source of funding information

Agence Nationale de la Recherche

## Total sum awarded (Euro)

633224

## Start date of award

01-01-2010

## Total duration of award in months

**The project/programme is most relevant to**

- Parkinson's disease

**Keywords**

**Research abstract in English**

**Lay summary**

**In which category does this research fall?**

- Basic research