

Posizione Post Doc

Posizione vacante di Post Doc presso il Lab di Fisiologia dell'Università del Salento, Referente scientifico: Prof. Michele Maffia.

Title: Physiological and pathophysiological mechanisms of autophagy in neurodegenerative diseases.

Autophagy is a process dedicated to the degradation and recycling of macromolecules and intracellular organelles. Defects of autophagy are involved in the pathogenesis of Parkinson's and Alzheimer's disease. These neurodegenerative diseases are characterized by the neuronal accumulation of protein aggregates related to the metabolism of some metals such as copper. The activation of autophagy represents a therapeutic target for the treatment of these pathologies. To achieve the objectives of this multidisciplinary research, the candidate must have: i. a strong background in molecular biology, gene amplification and sequencing, protein extraction and analysis, proteomics and immunohistochemistry, ii. skills in immortalized and primary cell cultures, iPSc, iii. experiences in handling animals and in fluorescent, confocal and flow cytometry microscopy techniques.

Salario: 35.000/anno, rinnovabile Finanziamento: Dipartimento di eccellenza.

Requisito: aver trascorso almeno 2 anni di attività di ricerca all'estero.

Scadenza: 24/12/2020.

Inizio: 01/02/2021.

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