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especificando:

- Nombre y Apellidos
- DNI
- Filiación laboral o académica (y estudios en curso, en su caso)

antes del 11 de octubre de 2018

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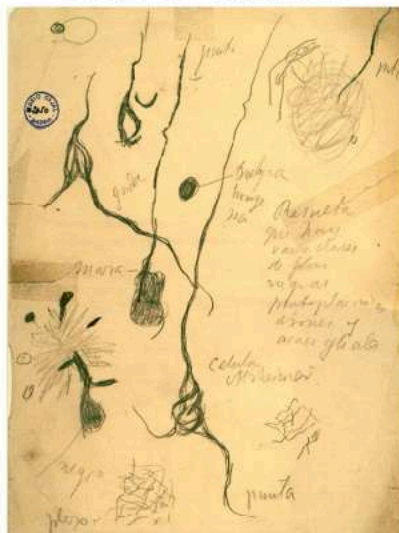
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Con la colaboración de



Simposio Cajal 2018



Santiago Ramón y Cajal. Legado Histórico. Instituto Cajal-CSIC

Neurodegeneration. Which are the issues? What can we do?

19 de octubre de 2018



REAL ACADEMIA NACIONAL
DE MEDICINA DE ESPAÑA

Calle Arrieta 12, Madrid



PRESENTATION

Cajal's Symposium 2018 at the RANME is centered on presenting and discussing the pathophysiological mechanisms and current clinical approaches of the most frequent neurodegenerative conditions, Parkinson and Alzheimer.

The first accurate descriptions of both diseases, which included all or most of their symptoms, are relatively modern from a historical perspective. Sir James Parkinson published "An Essay on Shaking Palsy" in 1817; he described there the disease that was later named after him. The psychiatrist Alois Alzheimer published in 1906 and 1907 his observations on a demented female patient, whose condition was later named after her doctor's name. If we now take the perspective of medical progress, many decades have elapsed and many efforts have been devoted to unraveling both conditions; yet, both Parkinson's and Alzheimer's diseases are still major challenges of current medical science. In each of them, one or a few neuronal types undergo degeneration and die, so that neurodegeneration has specific locations and has an impact on specific neuronal circuits. It is relevant that in all neurodegenerative diseases there are abnormal protein aggregates in the brain. Understanding these phenomena, recognizing them early, and finding the means of reverting them open the hope for controlling the progressive and fatal outcome of both neurodegenerative conditions.

Santiago Ramón y Cajal was Alzheimer's contemporary. Cajal received his Nobel Prize in 1906, the same year of Alzheimer's first communication on the patient he had studied and had recently passed away. Note Cajal's script "celula Alzheimer" next to a neuron filled with filaments in the front page of this leaflet. This is a bright example of Cajal's stunning observation and illustration abilities; it underscores the excellence and current value of his work. Cajal's life and work will be presented briefly at the beginning of the Symposium. This is addressed, mostly, to the master and doctoral students in Neuroscience invited to the Symposium. Finally, Cajal's stimulating little essay "Reglas y Consejos sobre Investigación Científica" will be offered to all those registered at the Symposium as a courtesy of the Consejo Superior de Investigaciones Científicas publishing house.

Iima. Sra. D^a Carmen Cavada Martínez
Académica Correspondiente de la RANME
Directora de la Cátedra UAM-Fundación Tatiana PdGB

PROGRAM

Chairperson: Carmen Cavada (RANME and Universidad Autónoma de Madrid)

09,30 - 10,00 *Welcome and Delivery of Documentation*

10,00 - 10,30 *Santiago Ramón y Cajal - Life and Work*
Carmen Cavada
RANM & Universidad Autónoma de Madrid

10,30 - 11,00 *Parkinson's Disease as a Network Disorder*
Atsushi Nambu
National Institute for Physiological Sciences,
Okazaki, Japan

11,00 - 11,30 *Coffee Break*

11,30 - 12,00 *Parkinson's Disease: Where Do We Come From? Where Are We Heading?*
Raúl Martínez
Hospital Puerta del Sur - CINAC, Madrid

12,00 - 12,30 *Alzheimer's Disease Pathogenesis: Insights from Neural Development*
Paola Bovolenta
Centro de Biología Molecular Severo Ochoa, Madrid

12,30 - 13,00 *Preclinical Alzheimer's Disease in the General Population & Associated to Down's Syndrome*
Juan Fortea
Hospital Santa Creu i Sant Pau, Fundació Catalana Síndrome de Down, Barcelona

13,00 - 13,45 *Discussion and Closing*