

EPIGENETIC AND ENVIRONMENTAL FACTORS BRACING COGNITIVE IMPAIRMENT AND LATE-ONSET DEPRESSION IN ELDERLY AND EARLY STAGES OF ALZHEIMER DISEASE

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Principal Investigators

FERRER ABIZANDA, ISIDRO

Institution

FUNDACION IDIBELL

Contact information of lead PI Country

Spain

Title of project or programme

EPIGENETIC AND ENVIRONMENTAL FACTORS BRACING COGNITIVE IMPAIRMENT AND LATE-ONSET DEPRESSION IN ELDERLY AND EARLY STAGES OF ALZHEIMER DISEASE

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01/01/2015

Total duration of award in years

3.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

Research Abstract

Late-onset depression and cognitive impairment are very common in the elderly and cause a great deal of misery, in addition to representing a social and economic concern. Many of these individuals develop dementia of Alzheimer type and there is the suspicion that late-depression and mild cognitive impairment are linked by the same pathogenic process. The concept of Alzheimer's disease (AD) has changed over the years and today it is known that the first changes of AD-related pathology don't start in the entorhinal and transentorhinal cortex, but rather it is the case that the first neurofibrillary tangles, a characteristic lesion of AD, typically appear in selected nuclei of the brainstem including the locus coeruleus. About 85% per cent of individuals aged 65 years old have AD-related pathology at the so-called Braak and Braak stages I and II, but only 5% have more extended lesions causative of dementia.

Lay Summary

Further information available at:

Types:

Investments > €500k

Member States:

Spain

Diseases:

Alzheimer's disease & other dementias

Years:

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Database Categories:

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