

NF-kB control of neuronal apoptosis in Alzheimer disease

<https://www.neurodegenerationresearch.eu/survey/nf-kb-control-of-neuronal-apoptosis-in-alzheimer-disease/>

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Country

USA

Title of project or programme

NF-kB control of neuronal apoptosis in Alzheimer disease

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NIH (NIA)

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12

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Acquired Cognitive Impairment... Aging... Alzheimer's Disease... Alzheimer's Disease including Alzheimer's Disease Related Dementias (AD/ADRD)... Brain Disorders... Dementia... Genetics... Immune System... Neurodegenerative... Neurosciences

Research Abstract

During FY16 we accomplished the following: 1. We identified non-coding RNAs (ncRNAs) that are induced in response to inflammatory signaling (IL-1 and TNF) in human neuronal cell lines and an astrocyte cell line, and in primary mouse neurons. 2. We tested different methods to quantitate RelA nuclear translocation to determine the kinetics to nuclear entry and exit of this transcription factor. 3. We evaluated the use of live-cell imaging to determine the kinetics of RelA translocation using a transfected RelA-GFP fusion protein.

Further information available at:

Types:

Investments < €500k

Member States:

United States of America

Diseases:

N/A

Years:

2016

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