

Towards Targeting The Endosome In Neurodegenerative Disease

<https://www.neurodegenerationresearch.eu/survey/towards-targeting-the-endosome-in-neurodegenerative-disease/>

Name of Fellow

Dr Rajesh Ghai

Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

Towards Targeting The Endosome In Neurodegenerative Disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 408,396

Start date of award

01/01/16

Total duration of award in years

4.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

x-ray crystallography | endosomes | membrane trafficking | molecular basis of disease | molecular neuroscience

Research Abstract

Mutations and dysregulation of the SNX27-retromer protein platform are strongly linked to

Alzheimer's disease (AD) and Parkinson's disease (PD). This research program will determine how SNX27-retromer interacts with key molecules associated with AD and PD, the outcomes of which be significantly improved understanding of how mutations in these proteins cause disease, and a necessary molecular framework for future therapeutic targeting.

Types:

Fellowships

Member States:

Australia

Diseases:

Alzheimer's disease & other dementias

Years:

2016

Database Categories:

N/A

Database Tags:

N/A