

Prion Protein Proteostasis

<https://neurodegenerationresearch.eu/survey/prion-protein-proteostasis/>

Principal Investigators

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Contact information of lead PI Country

Canada

Title of project or programme

Prion Protein Proteostasis

Source of funding information

CIHR

Total sum awarded (Euro)

€ 461,647

Start date of award

01/07/2014

Total duration of award in years

5

Keywords

Research Abstract

The prion protein called PrP is needed first as fuel to make misfolded proteins that cause disease and second in a role where the misfolded protein kills brain cells. Surprisingly we have now found that brain cells are “fighting back” in prion infections by reducing the amount of prion protein they make. We call this process down-regulation. We intend to understand how down-regulation works and to find ways to augment this natural process.

Further information available at:

Types:

Investments < €500k

Member States:

Canada

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A