

Evaluating the relationship between ischaemia and neurodegeneration in post-mortem brain tissue

<https://www.neurodegenerationresearch.eu/survey/evaluating-the-relationship-between-ischaemia-and-neurodegeneration-in-post-mortem-brain-tissue/>

Principal Investigators

Seth Love

Institution

University of Bristol

Contact information of lead PI

Country

United Kingdom

Title of project or programme

Evaluating the relationship between ischaemia and neurodegeneration in post-mortem brain tissue

Source of funding information

Alzheimer's Research UK

Total sum awarded (Euro)

€ 394,190

Start date of award

03/10/2011

Total duration of award in years

4.5

Keywords

Research Abstract

Dementia is probably the largest healthcare challenge faced by society. Disorders such as high blood pressure and strokes that reduce blood flow to the brain substantially increase the risk of dementia, partly because they cause direct brain damage but also due to exacerbation of the abnormal changes in the brain that cause Alzheimer's disease and possibly other dementias as well. In addition, Alzheimer's itself causes stroke-like brain damage. Little is known about the

ways in which reduced blood flow to the brain contributes to Alzheimer's, or Alzheimer's contributes to stroke-like brain damage. A major obstacle to elucidating these relationships has been the post-mortem detection of evidence of reduced blood flow in human brain tissue. We propose to conduct studies to establish reliable ways to measure the effects of reduced blood flow and to establish the extent and mechanisms of contribution of reduced blood flow to Alzheimer's and other diseases that cause dementia.

Further information available at:

Types:

Investments < €500k

Member States:

United Kingdom

Diseases:

N/A

Years:

2016

Database Categories:

N/A

Database Tags:

N/A