The effect of hypochlorite on the toxicity and clearance of the Alzheimer’s disease-associated amyloid beta peptide

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Country

Australia

Title of project or programme

The effect of hypochlorite on the toxicity and clearance of the Alzheimer’s disease-associated amyloid beta peptide

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4

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Research Abstract
Alzheimer’s disease (AD) is the leading cause of dementia worldwide and a growing burden on our aging society. Recent studies support the idea that in AD a deleterious relationship exists between inflammation in the brain and the accumulation of amyloid beta (Aß), a peptide with toxic properties. This proposal aims to examine the details of this relationship with a focus on the toxicity and clearance of Aß when it is modified by hypochlortie, a chemical that is generated

during inflammation.

Further information available at:

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Investments < €500k

Member States:
Australia

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Years:
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