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Research Award



The Development of an Effective Treatment for Prion Infection of Humans

Plain English Summary:

Prion diseases are fatal untreatable brain disorders caused by prions, germs that grow in the brain. The best known is Creutzfeldt-Jakob disease (CJD). Unlike other germs, like bacteria and viruses, prions do not carry genes and are made just of protein. This protein (called PrP) is one of the body's own proteins. Prions consist of clumps of misshapen PrP (rogue fo...

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Abstract:

Background The majority of the UK population have potentially been exposed to BSE prions, the causative agent of variant CJD. The number infected, eventual epidemic size and secondary transmission dynamics are unknown. The central molecular event in prion replication is the conversion of a neuronal glycoprotein (PrPc) into a conformational isomer that accumulates as a...

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Chief Investigator(s):

Professor John Collinge (/) (<https://orcid.org/0000-0003-2220-7566>)

**Award:**

£7,238,765.86

**Start Date:**

February 2006

**End Date:**

July 2013

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University College London (/)

Award ID:

007/0119

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