

Video Article

Interview: Protein Folding and Studies of Neurodegenerative Diseases

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URL: <https://www.jove.com/video/786>

DOI: [doi:10.3791/786](https://doi.org/10.3791/786)

Keywords: Neuroscience, issue 17, protein folding, brain, neuron, prion, neurodegenerative disease, yeast, screen, Translational Research

Date Published: 7/16/2008

Citation: Lindquist, S. Interview: Protein Folding and Studies of Neurodegenerative Diseases. *J. Vis. Exp.* (17), e786, doi:10.3791/786 (2008).

Abstract

In this interview, Dr. Lindquist describes relationships between protein folding, prion diseases and neurodegenerative disorders. The problem of the protein folding is at the core of the modern biology. In addition to their traditional biochemical functions, proteins can mediate transfer of biological information and therefore can be considered a genetic material. This recently discovered function of proteins has important implications for studies of human disorders. Dr. Lindquist also describes current experimental approaches to investigate the mechanism of neurodegenerative diseases based on genetic studies in model organisms.

Video Link

The video component of this article can be found at <https://www.jove.com/video/786/>