

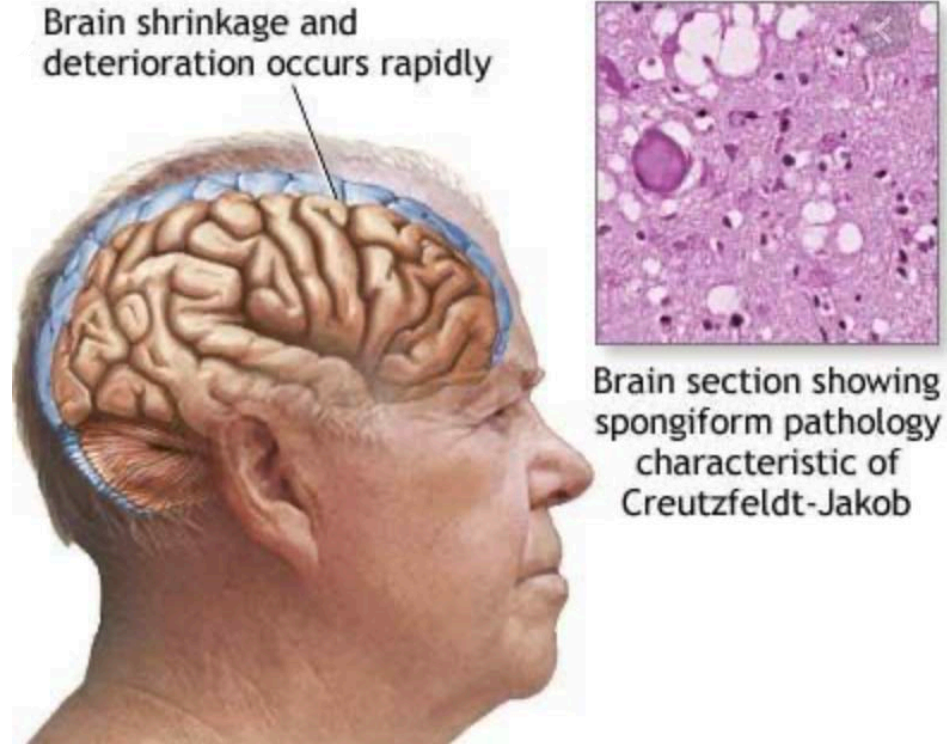
Johns Hopkins Engineering

Methods in Neurobiology

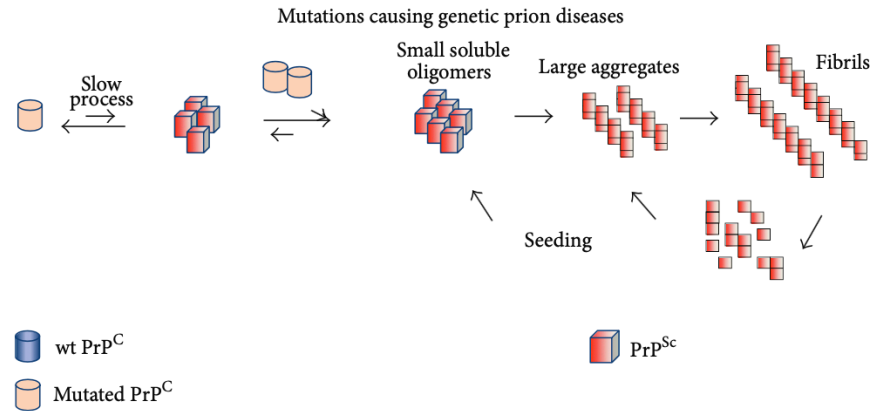
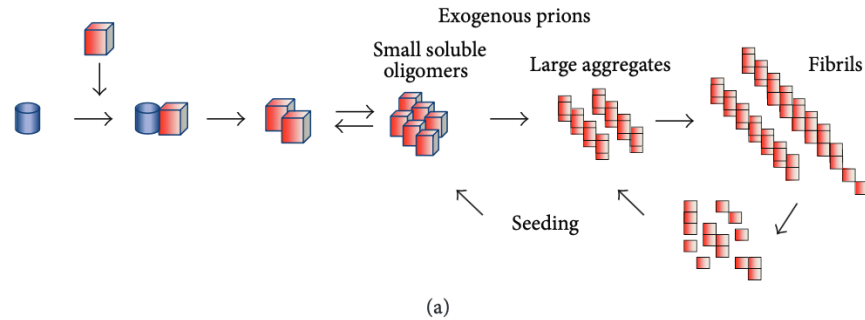
Prions and Protein Misfolding



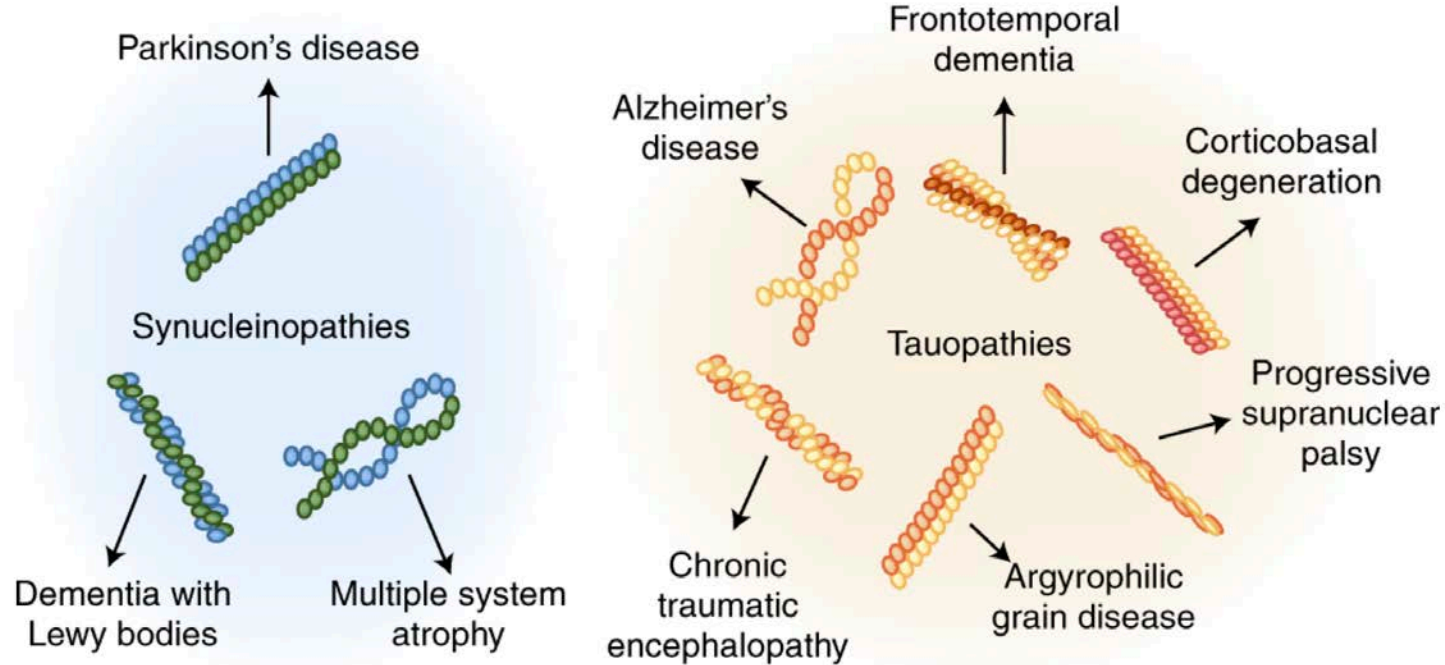
Prion disease



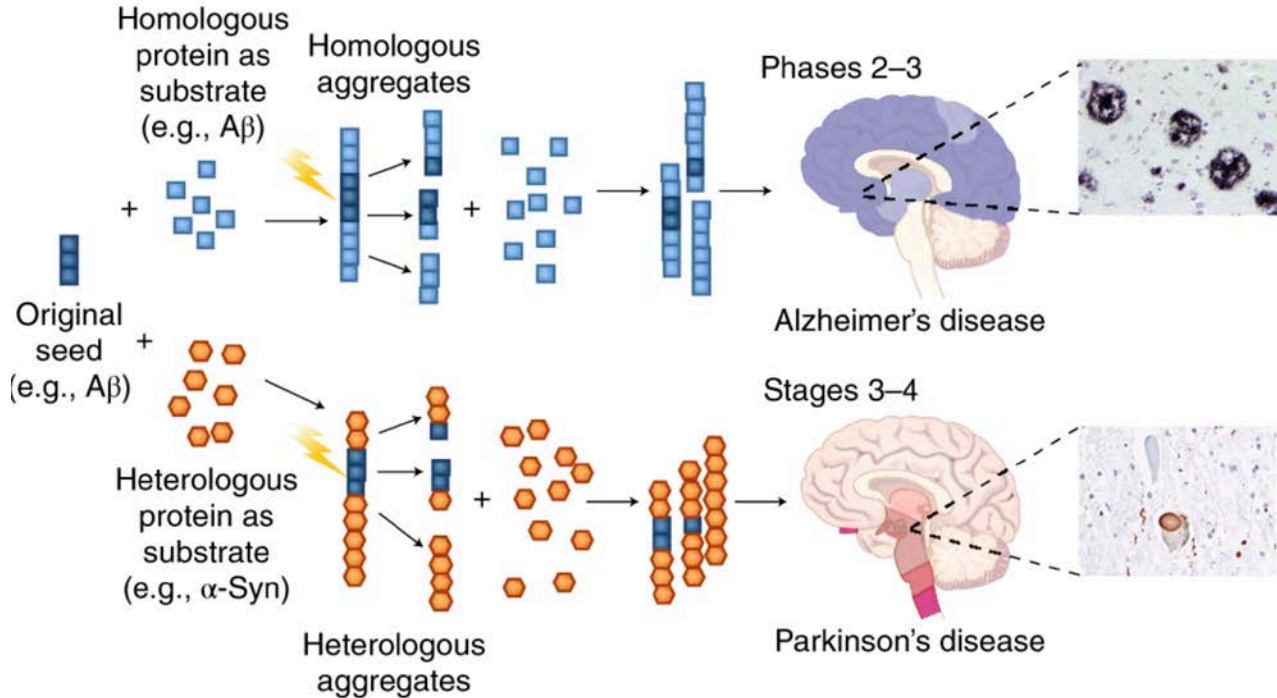
Prion seeding



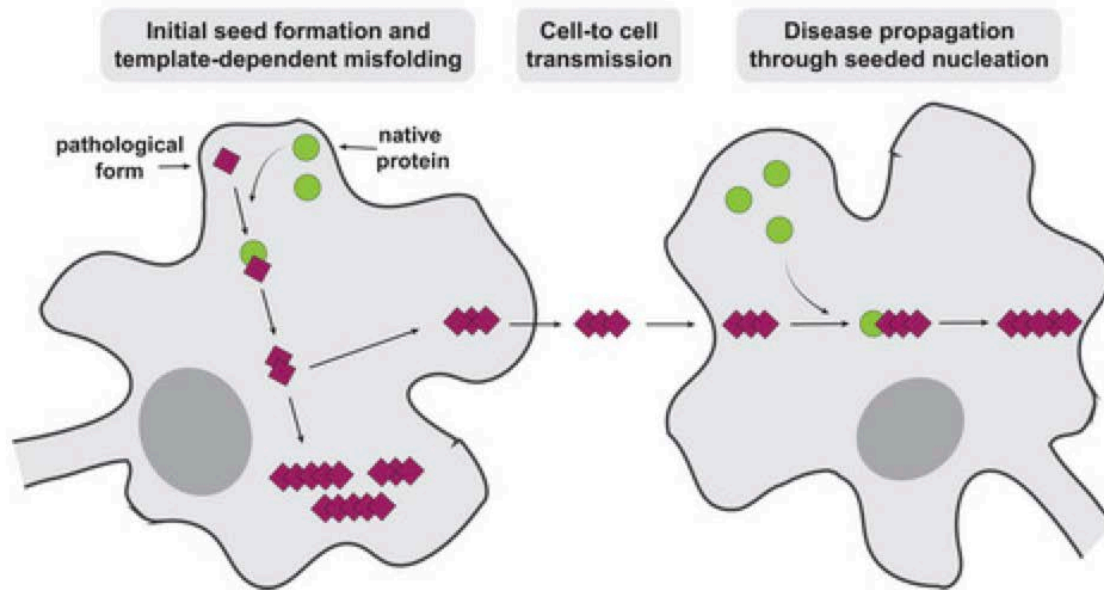
Prion-like proteins – lessons learned from Prion disease



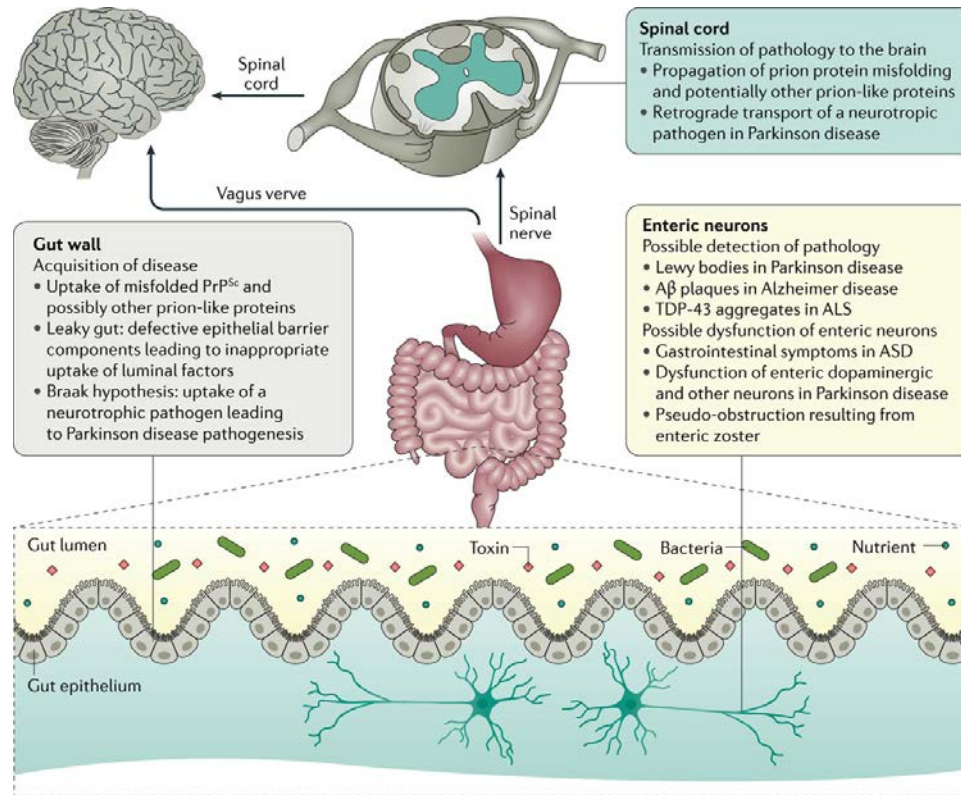
Cross-seeding of prion-like proteins



Prions and Prion-like proteins propagation



Prions and Prion-like proteins propagation and spreading



References

Slide	Reference
2	Prion Diseases Oct 9,2018. CDC Goldstein, R. 2018 https://www.cdc.gov/prions/index.html
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4-5	Soto, C., Pritzkow, S. 2018 Protein misfolding, aggregation, and conformational strains in neurodegenerative diseases. <i>Nat Neurosci</i> 21, 1332–1340.
6	Hock, E.-M. and Polymenidou, M. 2016 Prion-like propagation as a pathogenic principle in frontotemporal dementia. <i>J. Neurochem.</i> , 138: 163-183.
7	Rao, M., Gershon, M. 2016 The bowel and beyond: the enteric nervous system in neurological disorders. <i>Nat Rev Gastroenterol Hepatol</i> 13, 517–528.

