

Effect of Zn(II) and Cu(II) ions on aggregation and fibrillation of amyloid-beta(1-42) peptide

Palumaa, Peep; Karafin, Ann; Zovo, Kairit; Chung, Roger S.; Howells, Claire; West, Adrian K.; **Tõugu, Vello** Sinapsa Neuroscience Conference '09 : Ljubljana, 26-29 September 2009 : abstract book 2009 / p. 34

Redox-active Cu(II)-A β causes substantial changes in axonal integrity in cultured cortical neurons in an oxidative-stress dependent manner

Howells, Claire; **Saar, Katrina;** Eaton, Emma; Ray, Shannon; **Palumaa, Peep** Experimental neurology 2012 / p. 499-506 : ill <https://www.sciencedirect.com/science/article/pii/S0014488612002373>

Zn(II) and Cu(II)-induced non-fibrillar aggregates of amyloid-[beta](1-42) peptide are transformed to amyloid fibrils both spontaneously and under the influence of metal chelators

Tõugu, Vello; Karafin, Ann; Zovo, Kairit; Chung, Roger S.; Howells, Claire; West, Adrian; **Palumaa, Peep** Journal of neurochemistry 2009 / 6, p. 1784-1795 : ill <https://pubmed.ncbi.nlm.nih.gov/19619132/>

The native copper- and zinc- binding protein metallothionein blocks copper-mediated A[β] aggregation and toxicity in rat cortical neurons

Chung, Roger S.; Howells, Claire; **Zovo, Kairit; Palumaa, Peep; Sillard, Rannar** PLoS ONE 2010 / 8, p. e12030 [11 p.] <https://pmc.ncbi.nlm.nih.gov/articles/PMC2920313/>