

## Affinity of zinc and copper ions for insulin monomers

Gavrilova, Julia; Tõugu, Vello; Palumaa, Peep Metallomics 2014 / p. 1296-1300 : ill

## Amyloid beta 1-42 oligomerization in vitro and characterization with SDS-PAGE, MALDI and ESI MS

Friedemann, Merlin; Tõugu, Vello; Kirsipuu, Tiina; Palumaa, Peep FEBS journal 2013 / p. 140-141

## Application of Differentiated SH-SY5Y Cells for Toxicological Studies of Alzheimer's Amyloid Beta Peptide = Diferentseeritud SH-SY5Y rakkude kasutamine Alzheimeri amüloid beeta peptiidi toksilisuse uurimiseks

Krištal, Jekaterina 2020 <https://digikogu.taltech.ee/et/item/8aef400a-e1ff-4803-a0da-fc2d97c8d451>

## Binding of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-[beeta] peptide

Tõugu, Vello; Karafin, Ann; Palumaa, Peep Journal of neurochemistry 2008 / p. 1249-1259 : ill

<https://pubmed.ncbi.nlm.nih.gov/18289347/>

## Chemical modification of met and his residues of amyloid $\beta$ peptide. Influence of copper ions and effect on fibrillization = Metioniini ja histidiini jääkide keemiline modifitseerimine amüloid- $\beta$ peptiidis. Vaskioonide mõju ja efekt fibrillisatsioonile

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## Copper(I)-binding properties of de-coppering drugs for the treatment of Wilson disease. $\alpha$ -Lipoic acid as a potential anti-copper agent

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## Effects of Zn<sup>2+</sup> ions and environmental conditions on the fibrillization of insulin = Zn<sup>2+</sup> ionide ja keskkonnatingimuste mõju insuliini fibrillisatsioonile

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**Faculty of Science : [Tallinn University of Technology]**

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