

Bioanorgaaniline keemia - probleemid ja perspektiivid metallotioneini näitel

Palumaa, Peep XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 126

Brain-specific metallothionein-3 has higher metal-binding capacity than ubiquitous metallothioneins and binds metals noncooperatively

Palumaa, Peep; Eriste, Elo; **Njunkova, Olga**; Pokras, Lesja; Jörnvall, H.; Sillard, Rannar Biochemistry 2002 / 19, p.6158-6163
<https://pubmed.ncbi.nlm.nih.gov/11994011/>

Comparison of confirmations of zinc- and cadmium-substituted metallothionein-3 by ESI MS

Palumaa, Peep; Eriste, Elo; **Njunkova, Olga**; Pokras, Lesja; Jörnvall, Hans; Sillard, Rannar The 50th ASMS Conference on Mass Spectrometry and Allied Topics 2002 / ? p

Evidence for non-isostructural replacement of Zn(2+) with Cd(2+) in the beta-domain of brain-specific metallothionein-3

Palumaa, Peep; **Njunkova, Olga**; Pokras, Lesja; Eriste, Elo; Jörnvall, H.; Sillard, Rannar FEBS letters 2002 / 1/3, p. 76-80 : ill
<https://www.sciencedirect.com/science/article/pii/S0014579302031691>

Metal binding of metallothionein-3 versus metallothionein-2 : lower affinity and higher plasticity

Palumaa, Peep; **Tammiste, Indrek**; Kruusel, Keiu; **Kangur, Liina**; Jörnvall, Hans; **Sillard, Rannar** Biochimica et biophysica acta : proteins and proteomics 2005 / 2, p. 205-211 : ill <https://www.sciencedirect.com/science/article/pii/S1570963904003164>

Metal-binding properties of unique Cys-deficient mammalian metallothionein - sheep MT-3

Smirnova, Julia; **Zovo, Kairit**; Chung, Roger S.; West, A.K.; **Palumaa, Peep** FEBS journal 2008 / Suppl. 1, p. 230

Metallotioneiniin-ligand seostumiskonstantide määramine

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Purification of recombinant human apometallothionein-3 and reconstitution with zinc

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<https://pubmed.ncbi.nlm.nih.gov/12963354/>

Reactivity of Cd7-metallothionein with Cu(II) ions : evidence for a cooperative formation of Cd3, Cu(I)5-metallothionein

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The effects of physiologically important nonmetallic ligands in the reactivity of metallothionein towards 5,5'-dithiobis(2-nitrobenzoic acid) : a new method for the determination of ligand interactions with metallothionein

Kangur, Liina; **Palumaa, Peep** European journal of biochemistry 2001 / p. 4979-4984 : ill <https://pubmed.ncbi.nlm.nih.gov/11559367/>

The native copper- and zinc- binding protein metallothionein blocks copper-mediated A[beeta] 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.]
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