

Characterization of Uranyl (UO₂²⁺) ion binding to Amyloid Beta (A β) peptides : effects on A β structure and aggregation
Berntsson, Elina; Vosough, Faraz; **Noormägi, Andra;** Padari, Kärt; Asplund, Fanny; Gielnik, Maciej; Paul, Suman; Jarvet, Jüri; **Tõugu, Vello;** **Palumaa, Peep** ACS chemical neuroscience 2023 / p. 2618-2633 : ill <https://doi.org/10.1021/acscchemneuro.3c00130>
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Lithium ions display weak interaction with amyloid-beta (A β) peptides and have minor effects on their aggregation
Berntsson, Elina; Paul, Suman; Vosough, Faraz; Sholts, Sabrina B.; Jarvet, Jüri; Roos, Per M.; Barth, Andreas; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Acta biochimica Polonica 2021 / p. 169-179 https://doi.org/10.18388/abp.2020_5493 [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mercury and Alzheimer's disease: Hg(II) ions display specific binding to the amyloid- β peptide and hinder its fibrillization
Wallin, Cecilia; **Friedemann, Merlin;** Sholts, Sabrina B.; **Noormägi, Andra;** Svantesson, Teodor; Järvet, Jüri; Roos, Per M.; **Palumaa, Peep;** Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Biomolecules 2020 / art. 44, 23 p. : ill <https://doi.org/10.3390/biom10010044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Metal ratios as possible biomarkers for amyotrophic lateral sclerosis
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Metals in ALS TDP-43 pathology
Koski, Lassi; Ronnevi, Cecilia; **Berntsson, Elina;** Wärmländer, Sebastian K.T.S.; Roos, Per M. International Journal of Molecular Sciences 2021 / Art. nr. 12193 <https://doi.org/10.3390/ijms222212193> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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