

ATP7A-dependent copper sequestration contributes to termination of β -CATENIN signaling during early adipogenesis

Yang, Haojun; **Kabin, Ekaterina**; Dong, Yixuan; Zhang, X.; Ralle, Martina; Lutsenko, Svetlana Molecular metabolism 2024 / art. 101872, 12 p. : ill <https://doi.org/10.1016/j.molmet.2024.101872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper metabolism in health and disease : focus on copper in adipogenesis and α -lipoic acid in Wilson disease = Vase ainevahetus tervise ja haiguse tingimustes : fookus vasele adipogeneesil ja α -lipoehappele Wilsoni tõve korral

Kabin, Ekaterina 2023 <https://doi.org/10.23658/taltech.69/2023> <https://digikogu.taltech.ee/et/Item/6b47422f-75fd-4e9a-b16c-8edd3c3e201a> https://www.ester.ee/record=b5645433*est

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

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Bragina, Olga; Tõugu, Vello; Plitz, Thomas; **Palumaa, Peep** Scientific reports 2018 / art. 1463, 9 p. : ill <https://doi.org/10.1038/s41598-018-19873-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Copper(I)-binding properties of de-coppering drugs for treatment of Wilson disease

Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Tõugu, Vello; Plitz, T.; **Palumaa, Peep** The FEBS journal 2017 / p. 337 <https://doi.org/10.1111/febs.14174>

Lipoic acid ameliorates consequences of copper overload by upregulating selenoproteins and decreasing redox misbalance : poster presentations

Kabin, Ekaterina; Dong, Yixuan; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Roy, Shubhrajit; **Palumaa, Peep**; Lutsenko, Svetlana Acta physiologica 2023 / art. e14044 <https://doi.org/10.1111/apha.14044>

Redox properties of Cys2His2 and Cys4 zinc fingers determined by electrospray ionization mass spectrometry

Smirnova, Julia; Kabin, Ekaterina; Tõugu, Vello; Palumaa, Peep FEBS Open Bio 2018 / p. 923 - 931 <https://doi.org/10.1002/2211-5463.12422> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

α -lipoic acid ameliorates consequences of copper overload by up-regulating selenoproteins and decreasing redox misbalance

Kabin, Ekaterina; Dong, Yixuan; Roy, Shubhrajit; **Smirnova, Julia**; Smith, Joshua W.; Ralle, Martina; Summers, Kelly; Yang, Haojun; Dev, Som; Wang, Yu; Devenney, Benjamin; Cole, Robert N.; **Palumaa, Peep**; Lutsenko, Svetlana Proceedings of the National Academy of Sciences 2023 / art. e2305961120 <https://doi.org/10.1073/pnas.2305961120> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

α -Lipoic acid: a potential regulator of copper metabolism in Alzheimer's disease

Kirss, Sigrid; Reinapu, Anette; **Kabin, Ekaterina; Smirnova, Julia; Tõugu, Vello; Palumaa, Peep** Frontiers in Molecular Biosciences 2024 / art. 1451536 <https://doi.org/10.3389/fmolb.2024.1451536> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)