

**Albumin affects the stability, oligomerization and ligand interactions of lipoprotein lipase**

**Risti, Robert**; Gunn, Kathryn H.; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Villo, Ly**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** *Atherosclerosis* 2022 / p. 68 <https://doi.org/10.1016/j.atherosclerosis.2022.06.428>

**Albumin and heparin together or separately - different outcome on lipoprotein lipase oligomerization and stability**

**Risti, Robert**; Gunn, K.; **Villo, Ly**; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Karimi, Hamed**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** *FEBS Open Bio* 2023 / p. 223 <https://doi.org/10.1002/2211-5463.13646>

**Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach**

**Reimund, Mart**; Wolska, Anna; **Risti, Robert**; Wilson, Sierra; Sviridov, Denis O.; Remaley, Alan T.; **Lõokene, Aivar** *Biochemical and biophysical research communications* 2019 / p. 67-72 <https://doi.org/10.1016/j.bbrc.2019.08.130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Calorimetric approach for comparison of Angiopoietin-like protein 4 with other pancreatic lipase inhibitors**

**Villo, Ly**; **Risti, Robert**; **Reimund, Mart**; **Kukk, Kaia**; **Samel, Nigulas**; **Lõokene, Aivar** *Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids* 2020 / art. 158553, 12 p. : ill <https://doi.org/10.1016/j.bbalip.2019.158553> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Calorimetric assay reveals the importance of substrate choice for determination of lipoprotein lipase activity**

**Risti, Robert**; **Villo, Ly**; **Lõokene, Aivar** *Atherosclerosis* 2021 / p. e122 <https://doi.org/10.1016/j.atherosclerosis.2021.06.361> [Journal metrics at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Calorimetry as a tool for mechanistic studies of lipolytic enzymes under in vivo like conditions = Kalorimeetria rakendamise lipolüütiliste ensüümide mehhanismide uurimiseks**

**Risti, Robert** 2023 <https://doi.org/10.23658/taltech.19/2023> <https://digikogu.taltech.ee/et/Item/40f4a8ba-7a1a-4612-a455-00b1cc0d62d7> [https://www.estar.ee/record=b5560479\\*est](https://www.estar.ee/record=b5560479*est)

**Combined action of albumin and heparin regulates lipoprotein lipase oligomerization, stability, and ligand interactions**

**Risti, Robert**; Gunn, Kathryn H.; **Hiis-Hommuk, Kristofer**; **Seeba, Natjan-Naatan**; **Karimi, Hamed**; **Villo, Ly**; **Vendelin, Marko**; Neher, Saskia B.; **Lõokene, Aivar** *PLoS ONE* 2023 / art. e0283358, 24 p. : ill <https://doi.org/10.1371/journal.pone.0283358> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dual ELISA using SARS-CoV-2 N protein produced in E. coli and CHO cells reveals epitope masking by N-glycosylation**

**Rump, Airi**; **Risti, Robert**; Kristal, Mai-Ly; **Reut, Jekaterina**; **Sõritski, Vitali**; **Lõokene, Aivar**; **Rüütel Boudinot, Sirje** *Biochemical and biophysical research communications* 2021 / p. 457–460 <https://doi.org/10.1016/j.bbrc.2020.11.060> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Leptin increases hepatic triglyceride export via a vagal mechanism in humans**

Metz, Matthäus; Beghini, Marianna; Wolf, Peter; Pflieger, Lorenz; Hackl, Martina; Bastian, Magdalena; Freudenthaler, Angelika; Harreiter, Jürgen; **Risti, Robert**; **Lõokene, Aivar** *Cell Metabolism* 2022 / p. 1719-1731 <https://doi.org/10.1016/j.cmet.2022.09.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lipoprotein lipase activity does not differ in the serum environment of vegans and omnivores**

**Seeba, Natjan-Naatan**; **Risti, Robert**; **Lõokene, Aivar** *Nutrients* 2023 / art. 2755 <https://doi.org/10.3390/nu15122755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A negatively charged cluster in the disordered acidic domain of GPIHBP1 provides selectivity in the interaction with lipoprotein lipase**

**Risti, Robert**; **Reimund, Mart**; **Seeba, Natjan-Naatan**; **Lõokene, Aivar** *Scientific reports* 2024 / art. 19639 <https://doi.org/10.1038/s41598-024-70468-6>