

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

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

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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.eester.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 acutely increases hepatic triglyceride secretion in patients with lipodystrophy

Beghini, Marianna; Metz, Matthäus; Baumgartner, Clemens; Wolf, Peter; Bastian, Magdalena; Hackl, Martina; Baumgartner-Parzer, Sabina; Marculescu, Rodrig; **Risti, Robert**; **Lõokene, Aivar** Metabolism 2025 / art. 156261 <https://doi.org/10.1016/j.metabol.2025.156261>

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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)