

A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase

Teder, Tarvi; Lõhelaid, Helike; Boeglin, William E.; Calcutt, Wade M.; Brash, Alan R.; **Samel, Nigulas** Journal of biological chemistry 2015 / p. 19823-19832 : ill <https://doi.org/10.1074/jbc.M115.660282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evidence for two distinct binding sites for lipoprotein lipase on glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 (GPIHBP1)

Reimund, Mart; Larsson, Mikael; Kovrov, Oleg; Kasvandik, Sergio; Olivecrona, Gunilla; **Lõokene, Aivar** Journal of biological chemistry 2015 / p. 13919-13934 : ill <https://doi.org/10.1074/jbc.M114.634626> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Forkhead transcription factor FOXO3a levels are increased in Huntington disease because of overactivated positive autofeedback loop

Kannike, Kaja; Sepp, Mari; Zuccato, Chiara; Cattaneo, Elena; **Timmusk, Tõnis** Journal of biological chemistry 2014 / p. 32845-32857 : ill <https://doi.org/10.1074/jbc.M114.612424> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lipoprotein lipase activity and interactions studied in human plasma by isothermal titration calorimetry

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Nucleolar enrichment of brain proteins with critical roles in human neurodevelopment

Slomnicki, Lukasz P.; Malinowska, Agata; **Sepp, Mari; Timmusk, Tõnis** Molecular & cellular proteomics 2016 / p. 2055-2075 <https://doi.org/10.1074/mcp.M115.051920> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

P75 neurotrophin receptor signaling activates sterol regulatory element-binding protein-2 in hepatocyte cells via p38 mitogen-activated protein kinase and caspase-3

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Structural and functional analysis of APOA5 mutations identified in patients with severe hypertriglyceridemia

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Untranslated regions of brain-derived neurotrophic factor (Bdnf) mRNA control its translatability and subcellular localization

Lekk, Ingrid; Cabrera-Cabrera, Florencia; Turconi, Giorgio; **Tuvikene, Jürgen; Esvald, Eli-Eelika; Rähni, Annika;** Casserly, Laoise; Garton, Daniel R.; Andressoo, Jaan-Olle; **Timmusk, Tõnis; Koppel, Indrek** The journal of biological chemistry 2023 / art. 102897 <https://doi.org/10.1016/j.jbc.2023.102897> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An upstream enhancer and MEF2 transcription factors fine-tune the regulation of the Bdnf gene in cortical and hippocampal neurons

Avarlaid, Annela; Falkenberg, Kaisa; Lehe, Karin; Mudo, Giuseppa; Belluardo, Natale; Di Liberto, Valentina; Frinchi, Monica; **Tuvikene, Jürgen; Timmusk, Tõnis** Journal of biological chemistry 2024 / art. 107411, 12 p. : ill <https://doi.org/10.1016/j.jbc.2024.107411>