

ABCE1 is a highly conserved RNA silencing suppressor : [journal article]

Kärblane, Kairi; Gerassimenko, Jelena; Nigul, Lenne; Piirsoo, Alla; Smialowska, Agata; **Vinkel, Kadri;** Kylsten, Per; Ekwall, Karl; Swoboda, Peter; **Truve, Erkki; Sarmiento Guerin, Maria Cecilia** PLoS ONE 2015 / p. 1-17 : ill

Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)

Vinn, Olev; Wilson, Mark; **Toom, Ursula** PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279>

Changes in the transcriptome of the human endometrial Ishikawa cancer cell line induced by estrogen, progesterone, tamoxifen, and mifepristone (RU486) as detected by RNA-sequencing

Tamm-Rosenstein, Karin; Simm, Jaak; Suhorutšenko, Marina; Salumets, Andres; **Metsis, Madis** PLoS ONE 2013 / p. 1-13 : ill

Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women

Drell, Tiina; Lillsaar, Triin; Tummleht, Lea; Simm, Jaak; Aaspõllu, Anu; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379>

Citizen science reveals unexpected continental-scale evolutionary change in a model organism

Silvertown, Jonathan; Cook, Lawrence; Cameron, Robert; Dodd, Mike; McConway, Kevin; Worthington, Jenny; Skelton, Peter; Anton, Christian; Bossdorf, Oliver; Baur, Bruno; Schilthuizen, Menno; Fontaine, Benoit; Sattmann, Helmut; Bertorelle, Giorgio; Correia, Maria; Oliveira, Cristina; Pokryszko, Beata; Ozgo, Małgorzata; Stalažs, Arturs; Gill, Eoin; **Rammul, Üllar;** Sólymos, Peter; Féher, Zoltan; Juan, Xavier PLoS ONE 2011 / art. e18927, p. 1-8 <https://doi.org/10.1371/journal.pone.0018927>

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](#)

Communities of arbuscular mycorrhizal fungi detected in forest soil are spatially heterogeneous but do not vary throughout the growing season

Davison, John; Öpik, Maarja; Zobel, Martin; Vasar, Martti; **Metsis, Madis;** Moora, Mari PLoS ONE 2012 / p. e41938 : ill <https://pubmed.ncbi.nlm.nih.gov/22879900/>

Comparison of the most likely low-emission electricity production systems in Estonia

Baird, Zachariah Steven; Nešumajev, Dmitri; Järvik, Oliver; Powell, Kody M. PLoS ONE 2021 / e0261780, 37 p <https://doi.org/10.1371/journal.pone.0261780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Consumer attitudes and concerns with bioplastics use: An international study

Filho, Walter Leal; Barbir, Jelena; Abubakar, Ismaila Rimi; Paco, Arminda; Stasiskiene, Zaneta; Hornbogen, Marie; Fendt, Maren Theresa Christin; **Voronova, Viktoria; Klõga, Marija** PLoS ONE 2022 / art. e0266918 <https://doi.org/10.1371/journal.pone.0266918> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cross-bridge group ensembles describing cooperativity in thermodynamically consistent way

Kalda, Mari; Peterson, Pearu; Vendelin, Marko PLoS ONE 2015 / p. 1-26 : ill <https://doi.org/10.1371/journal.pone.0137438>

Detection and genetic characterization of relapsing fever spirochete Borrelia miyamotoi in Estonian ticks

Geller, Julia; Nazarova, Lidia; Katargina, Olga; **Järvekülg, Lilian;** Fomenko, Natalya; Golovljova, Irina PLoS ONE 2012 / p. e51914 : ill

Differential phosphorylation determines the repressor and activator potencies of GLI1 proteins and their efficiency in modulating the HPV life cycle

Piirsoo, Alla; **Pink, Anne; Kasak, Lagle;** Kala, Martin; Kasvandik, Sergo; Ustav, Mart; Piirsoo, Marko PLoS ONE 2019 / art. e0225775, 21 p. : ill <https://doi.org/10.1371/journal.pone.0225775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhancement of disease resistance, growth potential, and photosynthesis in tomato (Solanum lycopersicum) by inoculation with an endophytic actinobacterium, Streptomyces thermocarboxydus strain BPSAC147

Passari, Ajit Kumar; Upadhyaya, Kalidas; Singh, Garima; Abdel-Azeem, Ahmed M.; Thankappan, Sugitha; Uthandi, Sivakumar; Hashem, Abeer; **Abd-Allah, Elsayed Fathi; Malik, Jahangir Ahmed; As, Alqarawi** PLoS ONE 2019 / art. e0219014, 20 p. : ill <https://doi.org/10.1371/journal.pone.0219014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evolution of bacterial consortia in spontaneously started rye sourdoughs during two months of daily propagation

Bessmeltseva, Marjanna; Viiard, Ene; Simm, Jaak; Paalme, Toomas; Sarand, Inga PLoS ONE 2014 / p. 1-12 : ill

Exploring the conserved role of MANF in the unfolded protein response in Drosophila melanogaster

Lindström, Riitta; Lindholm, Päivi; Kallijärvi, Jukka; **Palgi, Mari;** Saarma, Mart; Heino, Tapio I. PLoS ONE 2016 / art. e0151550, p. 1-18 : ill <http://dx.doi.org/10.1371/journal.pone.0151550>

Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis

Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill

<https://doi.org/10.1371/journal.pone.0187210>

Fish under pressure : Examining behavioural responses of Iberian barbel under simulated hydropeaking with instream structures

Costa, Maria Joao; **Fuentes-Pérez, Juan Francisco**; Boavida, Isabel; **Tuhtan, Jeffrey Andrew**; Pinheiro, Antonio N. PLoS ONE

2019 / art. e021111525, 25 p. : ill <https://doi.org/10.1371/journal.pone.0211115> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

4-pyridoxic acid in the spent dialysate : contribution to fluorescence and optical monitoring

Kalle, Sigrid; **Tanner, Risto**; **Arund, Jürgen**; **Tomson, Ruth**; **Luman, Merike**; **Fridolin, Ivo** PLoS ONE 2016 / art. e0162346, p.

1-11 : ill <http://dx.doi.org/10.1371/journal.pone.0162346>

Functional diversity of human basic helix-loop-helix transcription factor TCF4 isoforms generated by alternative 5' exon usage and splicing

Sepp, Mari; **Kannike, Kaja**; **Eesmaa, Ave**; **Urb, Mari**; **Timmusk, Tõnis** PLoS ONE 2011 / p. e22138 [14 p.] : ill

gapFinisher : a reliable gap filling pipeline for SSPACE-LongRead scaffold output

Kammonen, Juhana I.; **Smolander, Olli-Pekka**; Paulin, Lars PLoS ONE 2019 / art. e0216885, 21 p. : ill

<https://doi.org/10.1371/journal.pone.0216885> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru

Guevara, Evelyn K.; Palo, Jukka U.; Översti, Sanni; King, Jonathan L.; Seidel, Maria; **Stoljarova, Monika**; **Wendt, Frank R.**; Bus, Magdalena M.; Guengerich, Anna; Church, Warren B. PLoS ONE 2020 / art. e0244497, 24 p. : ill

<https://doi.org/10.1371/journal.pone.0244497> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Improving the reliability of underwater gait analysis using wearable pressure and inertial sensors

Monoli, Cecilia; Galli, Manuela; **Tuhtan, Jeffrey Andrew** PLoS One 2024 / e0300100, 15 p

<https://doi.org/10.1371/journal.pone.0300100>

Increased biomass yield of Lactococcus lactis by reduced overconsumption of amino acids and increased catalytic activities of enzymes

Adamberg, Kaarel; **Seiman, Andrus**; **Vilu, Raivo** PLoS ONE 2012 / p. e48223 <https://pubmed.ncbi.nlm.nih.gov/23133574/>

Inflation targeting or exchange rate targeting: Which framework supports the goal of price stability in emerging market economies?

Abu Asab, Nora; **Cuestas, Juan Carlos**; Montagnoli, Alberto PLoS ONE 2018 / 21 p <https://doi.org/10.1371/journal.pone.0201798>

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Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices

Pardy, Tamas; Tulp, Indrek; Kremer, Clemens; **Rang, Toomas**; Stewart, Ray PLoS ONE 2017 / p. 1-11 : ill

<https://doi.org/10.1371/journal.pone.0189968>

Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge Ephydatia fluviatilis

Karlep, Liisi; **Reintamm, Tõnu**; **Kelve, Merike** PLoS ONE 2013 / p. 1-12 : ill

Intronic L1 retrotransposons and nested genes cause transcriptional interference by inducing intron retention, exonization and cryptic polyadenylation

Kaer, Kristel; **Branovets, Jelena**; Hallikma, Anni; Nigumann, Pilvi; **Speek, Mart** PLoS ONE 2011 / p. e26099 [20 p.]

<http://dx.doi.org/10.1371/journal.pone.0026099>

Is fluorescence valid to monitor removal of protein bound uremic solutes in dialysis?

Arund, Jürgen; **Luman, Merike**; **Uhlín, Nils Fredrik Arne**; **Tanner, Risto**; **Fridolin, Ivo** PLoS ONE 2016 / art. e0156541, p. 1-12 :

ill <https://doi.org/10.1371/journal.pone.0156541>

Levan enhances associated growth of Bacteroides, Escherichia, Streptococcus and Faecalibacterium in fecal microbiota

Adamberg, Kaarel; **Tomson, Katrin**; **Talve, Tiina**; **Pudova, Ksenia**; **Puurand, Marju**; **Visnapuu, Triinu**; **Alamäe, Tiina**; **Adamberg, Signe** PLoS ONE 2015 / p. 1-18 : ill <http://dx.doi.org/10.1371/journal.pone.0144042>

Linking atmospheric, terrestrial and aquatic environments : Regime shifts in the Estonian climate over the past 50 years

Kotta, Jonne; Herkül, Kristjan; Jaagus, Jaak; Kaasik, Ants; **Raudsepp, Urmas**; **Alari, Victor**; **Laanemets, Jaan**; **Maljutenko, Ilja**;

Männik, Aarne; **Reihan, Alvina** PLoS ONE 2018 / e0209568, 20 p. : ill <https://doi.org/10.1371/journal.pone.0209568> [Journal metrics at](#)

Near-bottom hypoxia impacts dynamics of bacterioplankton assemblage throughout water column of the Gulf of Finland (Baltic Sea)

Laas, Peeter; Šatova, Elina; Lips, Inga; Lips, Urmas; Simm, Jaak; Kisand, Veljo; Metsis, Madis PLoS ONE 2016 / art. e0156147, p. 1-19 : ill <https://doi.org/10.1371/journal.pone.0156147>

Partially disordered structure in intravirus coat protein of potyvirus potato virus A

Ksenofontov, Alexander L.; **Paalme, Viuu; Rumvolt, Reet; Järvekülg, Lilian** PLoS ONE 2013 / p. 1-7 : ill

Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization

Branovets, Jelena; Soodla, Kärol; Vendelin, Marko; Birkedal Nielsen, Rikke PLoS ONE 2023 / art. e0294718

<https://doi.org/10.1371/journal.pone.0294718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

RNA interference-guided targeting of hepatitis C virus replication with antisense locked nucleic acid-based oligonucleotides containing 8-oxo-dG modifications

Mutso, Margit; Nikonov, Andrei; Pihlak, Arno; Žusinaite, Eva; Viru, Liane; Selyutina, Anastasia; **Reintamm, Tõnu; Kelve, Merike;** Saarma, Mart; Karelson, Mati; Merits, Andres PLoS ONE 2015 / p. 1-25 : ill <http://dx.doi.org/10.1371/journal.pone.0128686>

Self-employment convergence in Europe: The role of migration

Cuadros, Ana; **Cuestas, Juan Carlos;** Martin-Montaner, Joan PLoS ONE 2021 / art. e0250182, 14 p

<https://doi.org/10.1371/journal.pone.0250182> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Soluble CD44 interacts with intermediate filament protein vimentin on endothelial cell surface

Päll, Taavi; Pink, Anne; Kasak, Lagle; Turkina, Marina; Anderson, Wally; **Valkna, Andres; Kogerman, Priit** PLoS ONE 2011 / p. e29305 : ill

Structural and functional insights into the reaction specificity of catalase-related hydroperoxide lyase : a shift from lyase activity to allene oxide synthase by site-directed mutagenesis

Teder, Tarvi; Lõhelaid, Helike; Samel, Nigulas PLoS ONE 2017 / art. e0185291, p. 1-18 : ill

<https://doi.org/10.1371/journal.pone.0185291>

The native copper- and zinc- binding protein metallothionein blocks copper-mediated A[β] aggregation and toxicity in rat cortical neurons

Chung, Roger S.; Howells, Claire; **Zovo, Kairit; Palumaa, Peep; Sillard, Rannar** PLoS ONE 2010 / 8, p. e12030 [11 p.]

Tight Coupling of Na⁺/K⁺-ATPase with glycolysis demonstrated in permeabilized rat cardiomyocytes

Sepp, Mervi; Sokolova, Niina; Jugai, Svetlana; Mandel, Merle; Peterson, Pearu; Vendelin, Marko PLoS ONE 2014 / art. e99413 <https://doi.org/10.1371/journal.pone.0099413>

Up-regulated expression of AOS-LOXa and increased eicosanoid synthesis in response to coral wounding

Lõhelaid, Helike; Teder, Tarvi; Tõldsepp, Kadri; Ekins, Merrick; **Samel, Nigulas** PLoS ONE 2014 / p. 1-9 : ill

Using mixed methods to construct and analyze a participatory agent-based model of a complex Zimbabwean agro-pastoral system

Eitzel, M.V.; Solera, Jon; Wilson, K.B.; Neves, Kleber; Fisher, Aaron C.; **Veski, André;** Omoju, Oluwasola E.; Ndlovu, Abraham Mawere; Hove, Emmanuel Mhike PLoS ONE 2020 / art. e0237638, 24 p. : ill <https://doi.org/10.1371/journal.pone.0237638> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)