

Adverse muscle composition predicts all-cause mortality in CKD

Idurain, Ainhoa; Karlsson, Markus; **Uhlen, Nils Fredrik Arne**; Fernström, Anders; Segelmark, Marten; Dahlqvist Leinhard, Olof
Nephrology Dialysis Transplantation 2024 / p. 168-170 <https://doi.org/10.1093/ndt/gfae069.037>

Air quality microbiological studies in straw bale and reed houses : poster abstract

Raamets, Jane; Ruus, Aime; Ivask, Mari; **Nei, Lembit** Biotechnology & Biotechnological Equipment 2021 / S120
<https://doi.org/10.1080/13102818.2020.1871545>

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

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

An in-depth look at coping with maternity care in an efficiency-focused health system : using capital and field concepts for a holistic approach

Mets-Oja, Silja; **Lubi, Kadi**; Toots, Anu European Journal of Midwifery 2023 / p. 67 <https://doi.org/10.18332/ejm/172176>

Analysis of factor VIII levels in haemophilia A treated patients – preliminary results of pharmacokinetic study

Pikta, Marika; Kaju, Kaspar; Malikov, A.; Urbala, Maike; Saks, K.; Rahuoja, Kaisa; Varik, M.; Lepik, K.; Ross, Mariken Haemophilia 2023 / p. 107 <https://doi.org/10.1111/hae.14715>

Are “hubs” in beta-cell clusters an emergent network property or do they exist independently? : abstract

Patriarca, Marco; Scialla, Scialla; Yamakou, Marius; Heinsalu, Els; Cartwright, Julian H.E. Acta physiologica 2023 / 1 p
<https://doi.org/10.1111/apha.14044>

Association of risk factors for progression of nephropathy in type 2 diabetic patients

Demikhova, Nadiia; Chrenatska, Olha; Demikhov, Andrii; **Salmistu, Sirle**; Merisalu, Eda Atherosclerosis 2024 / art. 117937 ; abstr. P310 <https://doi.org/10.1016/j.atherosclerosis.2024.117937>

Biochemical profile of type 2 diabetic patients with hypothyroidism

Demikhov, Andrii; **Demikhova, Nadiia**; **Salmistu, Sirle**; Merisalu, Eda Atherosclerosis 2024 / art. 117844 ; abstr. P217
<https://doi.org/10.1016/j.atherosclerosis.2024.117844>

Calcium handling in creatine-deficient mouse hearts

Branovets, Jelena Acta Physiologica 2023 / art. e14043 <https://doi.org/10.1111/apha.14043>

Challenges of preventive healthcare under global pandemic: the case of HPV-vaccination in Estonia

Lubi, Kadi; Varsamaa, Merilin; Kala, Liis; **Torop, Agnessa**; **Rooden, Mare** Patient education and counseling 2023 / p. 45
<https://doi.org/10.1016/j.pec.2022.10.110> <https://www.sciencedirect.com/science/article/pii/S0738399122005821>

Changes in shelf phosphorus burial during the Hirnantian glaciation and its implications

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; **Männik, Peep**; Sun, Yadong Estonian journal of earth sciences 2023 / p. 151
<https://doi.org/10.3176/earth.2023.19>

Chitinozoan nomenclature and databases

Camina, Sonia; **Hints, Olle**; Butcher, Anthony Estonian journal of earth sciences 2023 / p. 123 <https://doi.org/10.3176/earth.2023.21>

Compartmentalization in cardiomyocytes modulates kinase activities

Birkedal, Rikke; **Branovets, Jelena**; Jaska, Lucia; Shikha, Divya; **Bernasconi, Romain**; **Vendelin, Marko** FEBS Open Bio 2024 / p. 34 <https://doi.org/10.1002/2211-5463.13836>

Compromised creatine kinase energy transfer affects cardiac excitation-contraction coupling

Branovets, Jelena; Kalda, Mari; Laasmaa, Martin; Stolova, Jekaterina; Shen, Xin; **Grahv, Cärolin**; **Hendrikson, Eliise**; Louch, William Edward; **Birkedal, Rikke**; **Vendelin, Marko** Acta Physiologica 2022 / p. 594-595
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/apha.13878>

Dialysis patients survival in HD centres from Belgium, Estonia, Spain, and Sweden—association with BMI and hypocalcemia

Holmar, Jana; Luman, Merike; Adoberg, Annika; **Leis, Liisi**; **Paats, Joosep**; Uhlin, Fredrik; Ortiz, Alberto; Gloerieux, Griet; Dhondt, Annemieke; **Pilt, Kristjan**; **Tanner, Risto**; **Fridolin, Ivo** Nephrology Dialysis Transplantation 2024 / p. i1456–i1457
<https://doi.org/10.1093/ndt/gfae069.885>

Diversity and spatial turnover of bryozoan assemblages in the reefs of the Vasalemma Formation (Late Ordovician), Estonia

Köger, Björn; Ernst, Andrej; Penny, Amelia; Nakrem, Hans Arne; **Toom, Ursula** Estonian journal of earth sciences 2023 / p. 137
<https://doi.org/10.3176/earth.2023.47>

Dye-decolorizing peroxidases from *Streptomyces coelicolor* show organosolv lignin remodeling activity

Pupart, Hegne; Ojangu, Eve-Ly; Zovo, Kairit; Lukk, Tiit FEBS Open Bio 2021 / p. 63

<https://febs.onlinelibrary.wiley.com/doi/epdf/10.1002/2211-5463.13206> <https://doi.org/10.1002/2211-5463.13206>

The earliest Ordovician trace fossils *Cruziana* and *Rusophycus* from Baltica

Pärnaste, Helje; Toom, Ursula; Popov, Leonid E. Estonian journal of earth sciences 2023 / p. 154

<https://doi.org/10.3176/earth.2023.63>

Estonian case for mapping the needs and challenges for assessment of digital health technologies

Lubi, Kadi; Kruus, Liis; Kuldkapp, Kristiina; Tomson, Marju; Ross, Peeter; Ross, Tanel; Elland, Maarja-Liis Patient education and counseling 2023 / p. 118 <https://www.sciencedirect.com/science/article/pii/S0738399122007431> <https://doi.org/10.1016/j.pec.2022.10.271>

Factors influencing patient willingness to participate in shared decision making in oncology

Aasmäe, Birgit; Lubi, Kadi Patient education and counseling 2023 / p. 44 <https://doi.org/10.1016/j.pec.2022.10.109>

<https://www.sciencedirect.com/science/article/pii/S073839912200581X>

***Helicobacter pylori* induces alterations in liver cell signaling**

Roots, Kaisa; Rukavitsõna, Elina; Smirnova, Olga; Kasak, L.; Varon, E.; Genot, P.; Spuul, Pirjo *Helicobacter The Year in Helicobacter* 2019 / e12647, p. 58 <https://doi.org/10.1111/hel.12647>

Heterogeneity of preovulatory follicle cell types between normo- and hyporesponders

Roos, Kristine; Rooda, Ilmatar; Keif, Robyn-Stefany; Liivrand, Maria; Salumets, A.; Smolander, Olli-Pekka Aukusti; Velthut-Meikas, Agne; Liivrand, Maria Human Reproduction : ESHRE 2022 : abstracts 2022 / art. P-595

<https://doi.org/10.1093/humrep/deac105.053>

Late Ordovician jawed polychaete fauna from the Spiti Valley, northern India

Tonarova, Petra; Suttner, Thomas J.; Kubjako, Michal; Hints, Olle Estonian journal of earth sciences 2023 / p. 160

<https://doi.org/10.3176/earth.2023.74>

Life-long creatine deficiency leads to adaptations in calcium handling but not heart failure

Branovets, Jelena; Laasmaa, Martin; Stolova, Jekaterina; Shen, Xin; Ratsepso, Triinu; Balodis, Mihkel Jaan; Grahv, Carolin; Hendrikson, Eliise; Louch, William Edward; Birkedal, Rikke Biophysical Journal 2024 / p. 458A-459A

<https://doi.org/10.1016/j.bpj.2023.11.2785>

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>

Localized CaMKII movement towards the Z-line mediates RyR phosphorylation in cardiomyocytes

Bergan-Dahl, Anna; Carlson, Cathrine R.; Laasmaa, Martin; Norden, Einar; Sjaastad, Ivar; Louch, William; Shen, Xin Journal of molecular and cellular cardiology 2022 / art. S142 <https://doi.org/10.1016/j.yjmcc.2022.08.280>

Localized CaMKII δ movement at the RyR nanodomain mediates RyR phosphorylation

Bergan-Dahl, A.; Carlson, C. R.; Laasmaa, Martin; Norden, E. S.; Sjaastad, I.; Louch, W. E.; Shen, X. Acta physiologica 2022 / p. 107-108 <https://onlinelibrary.wiley.com/doi/epdf/10.1111/apha.13875>

A multi-objective reinforcement learning framework for dynamic NOMA-based resource allocation in 6G mMTC networks

Latif, Aamir; Elgarhy, Osama Mohamed Mostafa; Le Moullec, Yannick; Alam, Muhammad Mahtab Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 24 ; oral 14 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

Non-invasive determination of uric acid in blood during hemodialysis with an optical spent dialysate sensor

Paats, Joosep; Arund, Jürgen; Adoberg, Annika; Holmar, Jana; Leis, Liisi; Luman, Merike; Pilt, Kristjan; Tanner, Risto; Fridolin, Ivo 61st ERA Congress, 23-26 May 2024: Congress Abstracts 2024 / p. i1236 <https://doi.org/10.1093/ndt/gfae069.754>

Non-invasive optical estimation of intradialytic concentrations of uremic toxins in blood of hemodialysis patients

Paats, Joosep; Adoberg, Annika; Arund, Jürgen; Fridolin, Ivo; Holmar, Jana; Lauri, Kai; Leis, Liisi; Pilt, Kristjan; Tanner, Risto; Luman, Merike Nephrology Dialysis Transplantation 2023 / art. #3367, p. i149-i150 : ill https://doi.org/10.1093/ndt/gfad063b_3367

Ordovician climate changes in the northern subtropics : the $\delta^{18}\text{O}$ record from the Tunguska Basin, Siberia

Männik, Peep; Lehnert, Oliver; Joachimski, Michael M. Estonian journal of earth sciences 2023 / p. 144

<https://doi.org/10.3176/earth.2023.06>

Oxygen isotope compositions of conodonts – analytical challenges of in situ SIMS studies

Wudarska, Alicja; Wiedenbeck, Michael; Hints, Olle; Männik, Peep; Lepland, Aivo; Joachimski, Michael M.; Couffignal, Frederic;

Scicchitano, Maria Rosa; Wilke, Franziska D. H. Estonian journal of earth sciences 2023 / p. 166 <https://doi.org/10.3176/earth.2023.39>

Pap-smear and cervical cancer in Estonia : a population-based case-control study

Nõmm, Oskar; Veerus, Piret; Innos, Kaire European journal of public health 2021 / p. iii431 <https://doi.org/10.1093/eurpub/ckab165.246>

Potential inhibitors of vascular calcification of plant origin – data from systematic review

Adoberg, Annika; Leis, Liisi; Luman, Merike; Uhlin, Fredrik; Fridolin, Ivo; Holmar, Jana Nephrology Dialysis Transplantation 2025 / art. #1409 <https://doi.org/10.1093/ndt/gfaf116.1455> https://academic.oup.com/ndt/article/40/Supplement_3/gfaf116.1455/8295965?searchresult=1

Prolonged β -adrenergic stimulation disperses ryanodine receptor clusters in cardiomyocytes: Implications for heart failure

Shen, Xin; van den Brink, Jonas; Bergan-Dahl, Anna; Kolstad, Terje; Norden, Einar; Hou, Yufeng; Laasmaa, Martin; Quick, Ann; Espe, Emil; Sjaastad, Ivar Journal of molecular and cellular cardiology 2022 / p. S151 <https://doi.org/10.1016/j.yjmcc.2022.08.297>

Promising ANEMIA/HYPOXIA related inhibitors of vascular calcification in chronic kidney disease. Data from systematic review

Adoberg, Annika; Leis, Liisi; Luman, Merike; Uhlin, Fredrik; Fridolin, Ivo; Holmar, Jana Nephrology Dialysis Transplantation 2025 / art. #1518 https://academic.oup.com/ndt/article/40/Supplement_3/gfaf116.0418/8294797 <https://doi.org/10.1093/ndt/gfaf116.0418>

Recent advances in the Ordovician stratigraphy of the Baltic Palaeobasin and Tornquist margin of Baltica

Meidla, Tõnu; Ainsaar, Leho; Hints, Olle; Radzevičius, Sigita Estonian journal of earth sciences 2023 / p. 149 <https://doi.org/10.3176/earth.2023.54>

Risk factors in patients with postoperative encephalopathy during cardiosurgical interventions

Demikhov, Andrii; Demikhova, Nadiia; Salmistu, Sirle; Merisalu, Eda European journal of heart failure 2024 / p. 602-603 <https://onlinelibrary.wiley.com/doi/10.1002/ehf.3326>

Silver–chitosan nanocomposites for biomedical application : design, synthesis and antimicrobial efficiency

Kasemets, Kaja; Laanoja, Jüri; Sihtmäe, Mariliis; Vija, Heiki; Kurvet, Imbi; Otsus, Maarja; Kahru, Anne International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092040>

Somatogenic asthenic syndrome assessment in patients with high cardiovascular risk

Demikhova, Nadiia; Salmistu, Sirle; Bokova, Svitlana; Demikhov, Oleksii; Taraniuk, Karina; Merisalu, Eda Atherosclerosis 2025 / art. 120027 <https://doi.org/10.1016/j.atherosclerosis.2025.120027>

Synthesis and characterization of synergically acting antifungal silver-chitosan nanocomposites for biomedical applications

Kaarma, Laura; Kahru, Anne; Kasemets, Kaja Toxicology Letters 2025 / P22-04 ; p. S269-S270 <https://doi.org/10.1016/j.toxlet.2025.07.634>

Towards a revised Sandbian conodont biozonation of Baltica

Paiste, Tõnn; Männik, Peep; Stouge, Svend; Meidla, Tõnu Estonian journal of earth sciences 2023 / p. 153 <https://doi.org/10.3176/earth.2023.07>

Using a Cumulative Low-Density Lipoprotein Cholesterol Modelling Approach to Estimate the Reduction of Risk of Atherosclerotic Cardiovascular Events from a Primary Prevention Program

Clayson, M.; Gauthier, A.; Grustam, A. S.; Viigimaa, Margus; Sculpher, M. Value in Health 2023 / S79-S80 <https://doi.org/10.1016/j.jval.2023.09.422>

Women exposed to higher levels of DEHP display altered microRNA expression profile in the pre-ovulatory follicular fluid

Varik, Inge; Roos, Kristine; Bellavia, A.; Zou, R.; Björvang, R. D.; Sjunnesson, Y.; Hallberg, I.; Holte, J.; Pikki, A.; Lenters, V.; Van Duursen, M.; Vermeulen, R.; Salumets, A.; Damdimopoulou, P.; Velthut-Meikas, Agne Human Reproduction : ESHRE 2023 : abstracts 2023 / art. P-673 <https://doi.org/10.1093/humrep/dead093.043>

Work time reduction as a potential instrument for sustainable communities

Lepa, Riinu Sustainability in Practice : DIY Repair, Reuse and Innovation : Programme and Abstracts 2025 / p. 39 https://media.voog.com/0000/0041/9715/files/Sustainability%20in%20Practice_Programme%20and%20Abstracts_2024_Estonian%20National%20Museum.pdf

World Energy Issue Monitor 2021 : Humanising Energy

Wilkinson, A.; Young, M.; Dager, J.-M.; Barbknecht, K.-D.; Birnbaum, L.; Budargin, O.; Cronenbold, C.; Howard, M.; Mahmoud I.; Kisel, Einari 2021 https://www.worldenergy.org/assets/downloads/Issues_Monitor_2021-final.pdf?v=1615977568