

Ag-ions play the main role in silver nanoparticles toxicity in the ciliate *Tetrahymena thermophila* [Online resource]
Juganson, Katre; Mortimer, Monika; Iask, Angela Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmdtk.ut.ee/teesid/>

Application of Differentiated SH-SY5Y Cells for Toxicological Studies of Alzheimer's Amyloid Beta Peptide = Diferentseeritud SH-SY5Y rakkude kasutamine Alzheimeri amüloid beeta peptiidi toksilisuse uurimiseks
Krištal, Jekaterina 2020 <https://digikogu.taltech.ee/et/Item/8aef400a-e1ff-4803-a0da-fc2d97c8d451>

Behaviour of uremic toxins and UV absorbance in respect to low and high flux dialyzers
Lauri, Kai; Arund, Jürgen; Tanner, Risto; Jerotskaja, Jana; Luman, Merike; Fridolin, Ivo Estonian journal of engineering 2010 / 1, p. 95-106 : ill

Comparison of the sensitivity of toxicity tests test species for toxicity evaluation of various environmental samples
Blinova, Irina New Microbiotests for Routine Toxicity Screening and Biomonitoring 2000 / p. 217-220

Effect of eutrophication on toxicity of metallic nanoparticles *toxicodaphnia magna* [Online resource]
Muna, Marge; Heinlaan, Margit; Blinova, Irina; Kahru, Anne Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmdtk.ut.ee/teesid-2018/>

Elimination of uremic toxins during dialysis assessed with the optical and analytical methods = Ureemiliste toksiinide elimineerimise hindamine dialüüsravil optiliste ja analüütiliste meetoditega
Lauri, Kai 2020 <https://digikogu.taltech.ee/et/Item/85965453-b6b4-4a1c-bdb6-8ebb28420fe9> Doktoritöö aitab hinnata jooksvalt neerudialüüsi tõhusust (novaator.err.ee, 15.09.2020)

Estimation of dialysis patients' survival through combined approach of small molecule uremic markers
Holmar, Jana; Fridolin, Ivo; Uhlin, Nils Fredrik Arne; Fernström, Anders; Luman, Merike Proceedings of the Estonian Academy of Sciences 2014 / p. 227-233 : ill https://artiklid.elnet.ee/record=b2680559*est

Estimation of removed uremic toxin indoxyl sulphate during hemodialysis by using optical data of the spent dialysate
Holmar, Jana; Uhlin, Nils Fredrik Arne; Ferenets, Rain; Lauri, Kai; Tanner, Risto; Arund, Jürgen; Luman, Merike; Fridolin, Ivo The 2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) proceedings 2013 / p. 6707-6710 : ill <https://doi.org/10.1109/EMBC.2013.6611095> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

An evaluation of boar spermatozoa as a biosensor for the detection of sublethal and lethal toxicity
Castagnoli, Emmanuelle; Salo, Johanna; Toivonen, Matti S.; Kurnitski, Jarek Toxins 2018 / art. 463, 15 p. : ill <https://doi.org/10.3390/toxins10110463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Growth, toxin content and production of *Dinophysis norvegica* in cultured strains isolated from Funka Bay (Japan)
Nagai, Satoshi; Basti, Leila; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; Sildever, Sirje; Nakayama, Natsuko; Lum, Wai Mun; Matsushima, Ryuji Toxins 2023 / art. 318 <https://doi.org/10.3390/toxins15050318> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hazard evaluation of polystyrene nanoplastic with nine bioassays did not show particle-specific acute toxicity
Heinlaan, Margit; Kasemets, Kaja; Aruoja, Villem; Blinova, Irina; Bondarenko, Olesja; Lukjanova, Aljona; Khosrovyan, Alla; Kurvet, Imbi; Pullerits, Mirjam; Sihtmäe, Mariliis; Vasiliev, Grigory; Vija, Heiki; Kahru, Anne Science of the total environment 2020 / art. 136073, 7 p. : ill <https://doi.org/10.1016/j.scitotenv.2019.136073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

In situ fibrillizing amyloid-beta 1-42 induces neurite degeneration and apoptosis of differentiated SH-SY5Y cells
Krishtal, Jekaterina; Bragina, Olga; Metsla, Kristel; Palumaa, Peep; Tõugu, Vello PLoS ONE 2017 / art. e0186636, 16 p. : ill <https://doi.org/10.1371/journal.pone.0186636> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Interrelationship between protein bound uremic toxin indoxyl sulfate concentration in blood and spent dialysate during hemodialysis treatment : [abstract]
Paats, Joosep; Adoberg, Annika; Arund, Jürgen; Fridolin, Ivo; Lauri, Kai; Leis, Liisi; Pilt, Kristjan; Tanner, Risto; Luman, Merike Nephrology dialysis transplantation 2021 / p. 382 : ill <https://doi.org/10.1093/ndt/gfab099.005>

Lean body mass assessment based on UV-absorbance in spent dialysate
Tomson, Ruth; Fridolin, Ivo; Luman, Merike BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 185-188 : ill

New optical method for estimation of protein bound uremic toxins elimination
Holmar, Jana; Arund, Jürgen; Uhlin, Fredrik; Tanner, Risto; Fridolin, Ivo World Congress on Medical Physics and Biomedical Engineering May 26-31, 2012, Beijing, China 2013 / p. 71-74 https://doi.org/10.1007/978-3-642-29305-4_20 [Conference Proceedings at](#)

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

Optical measurement of 4-pyridoxic acid in the spent dialysate : algorithm development

Kalle, Sigrid; Tanner, Risto; Arund, Jürgen; Tomson, Ruth; Fridolin, Ivo BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 115-118 : ill http://www.ester.ee/record=b2150914*est

Optical measurement of creatinine in spent dialysate

Tomson, Ruth; Fridolin, Ivo; Uhlin, Nils Fredrik Arne; Holmar, Jana; Lauri, Kai; Luman, Merike Clinical nephrology 2013 / p. 107-117 : ill <https://doi.org/10.5414/CN107338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical urea rebound estimation during dialysis

Tomson, Ruth; Uhlin, Nils Fredrik Arne; Fridolin, Ivo 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 109-112 : ill

Pernova haridusmajas lõppesid bioloogilise mürgi neutraliseerimistööd [Võrguväljaanne]

Rallmann, Merle pamu.postimees.ee 2021 "[Pernova haridusmajas lõppesid bioloogilise mürgi neutraliseerimistööd](#)"

Pernova loodusmaja töötajad taastuvad mürgistusest [Võrguväljaanne]

Link, Eno-Gerrit postimees.ee 2021 "[Pernova loodusmaja töötajad taastuvad mürgistusest](#)"

Pikaajaliste kutseekspressioonide toksiline toime ainevahetusele

Muzõka, Vladimir; Bogovski, Sergei; Pille, Viive; **Viitak, Anu**; Veidebaum, Toomas Eesti Arst 2004 / 9, lk. 620 https://artiklid.elnet.ee/record=b1047469*est

Reduction in spoilage microbiota and cyclopiazonic acid mycotoxin with chestnut extract enriched chitosan packaging: stability of inoculated Gouda cheese

Kõrge, Kristi; Šeme, Helena; Bajič, Marijan; Likožar, Blaž; Novak, Uroš Foods 2020 / Art. nr. 1645 <https://doi.org/10.3390/foods9111645> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reuse of ferric sludge as an iron source for the Fenton-based process in wastewater treatment

Bolobajev, Juri; Kattel, Eneliis; Viisimaa, Marika; Goi, Anna; Trapido, Marina; Tenno, Taavo; Dulova, Niina Chemical engineering journal 2014 / p. 8-13 : ill <https://doi.org/10.1016/j.cej.2014.06.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Strain variability in toxin profiles and toxic potential of *Dinophysis fortii* populations from Southwestern and Northern Japanese coastal waters

Sildever, Sirje; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; Hada, Yasufumi; Miyazono, Akira; Kosaka, Yuki; Nakayama, Natsuko; Lum, Wai Mun; Miyahara, Kazutaka; Yamamoto, Kana; Matsushima, Ryoji; Suzuki, Toshiyuki; Nagai, Satoshi Harmful Algae 2025 / art. 102803 <https://doi.org/10.1016/j.hal.2025.102803>

A systematic review of available removal techniques of protein bound toxins : a limited pursuit

Orth-Alampour, Setareh; Schmitz, Corinna; Jankowski, Joachim; **Holmar, Jana; Jankowski, Vera** Nephrology dialysis transplantation 2018 / p. i186 <http://dx.doi.org/10.1093/ndt/gfy104.FP447>

Toxicities of detergents used in cleaning chemicals and hygiene products in a test battery of Ex Vivo and in Vitro assays

Andersson, Maria A.; Nagy, Szabolcs; Mikkola, Raimo; **Kurnitski, Jarek**; Salonen, Heidi Sisäilmästöseminaari 2019 : 14.3.2019 2019 / p. 297-302 https://www.sisailmautiset.fi/Sisailmastoseminaari_2019.pdf

Toxicity mechanisms of AG and CuO nanoparticles to the yeast *Saccharomyces cerevisiae* [Online resource]

Käosaar, Sandra; Kahru, Anne; Kasemets, Kaja Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fntdk.ut.ee/teesid-2018/>

Toxicity screening of fungal extracts and metabolites, xenobiotic chemicals, and indoor dusts with in vitro and ex vivo bioassay methods

Hintikka, Tuomas; Andersson, Maria A.; Lundell, Taina; Marik, Tamas; Kredics, Laszlo; Mikkola, Raimo; Andersson, Magnus C.; **Kurnitski, Jarek**; Salonen, Heidi Pathogens 2024 / art. 217 <https://doi.org/10.3390/pathogens13030217>

Обнаружение среднемолекулярных уремиических токсинов при помощи системы быстрой белковой жидкостной

хроматографии

Täheröld, L.; Laasik, Ü.; **Käär, Arvo** V Всесоюзный биохимический съезд [Киев] : тезисы стендовых сообщений. Т. 2 1986 / с. 314 https://www.eester.ee/record=b3798955*est