

Aflatoxins in farmed fish in Estonia

Tanner, Risto; **Tedersoo, Erge** Case studies in food safety and environmental health 2007 / p. 81-84

Behaviour of uremic toxins and UV absorbance in respect to low and high flux dialyzers

Lauri, Kai; **Arund, Jürgen; Tanner, Risto; Jerotškaja, Jana; Luman, Merike; Fridolin, Ivo** Estonian journal of engineering 2010 / 1, p. 95-106 : ill

Could urea in spent dialysate be a marker for monitoring removal of 4-pyridoxic acid?

Kalle, Sigrid; **Tanner, Risto; Arund, Jürgen; Tomson, Ruth; Luman, Merike; Fridolin, Ivo** XIII Baltic Nephrology Conference : October 13-15, 2016, Jumala, Latvia : final programme 2016 / p. 6 <http://nefrologs.lv/wp-content/uploads/2016/10/XIII-BNC.pdf>

Estimation of removed uremic toxin indoxyl sulphate during hemodialysis by using optical data of the spent dialysate

Holmar, Jana; **Uhlín, 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

Fluorescence of Beta-2-microglobulin in the spent dialysate

Kalle, Sigrid; **Kressa, H.; Tanner, Risto; Holmar, Jana; Fridolin, Ivo** 16th Nordic-Baltic Conference on Biomedical Engineering : 16. NBC & 10. MTD 2014 Joint Conferences, October 14-16, 2014, Gothenburg, Sweden 2015 / p. 59-62 : ill

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>

Fragmentation of poly(amidoamine) dendrimers in matrix-assisted laser desorption

Subbi, Juhan; Agurajua, Reet; **Tanner, Risto; Allikmaa, Veiko; Lopp, Margus** European polymer journal 2005 / p. 2552-2558 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0014305705002326>

Free fraction of protein-bound uremic solutes in case of different dialysis modalities

Arund, Jürgen; Tanner, Risto; Luman, Merike; Fridolin, Ivo XIII Baltic Nephrology Conference : October 13-15, 2016, Jumala, Latvia : final programme 2016 / p. 17 <http://nefrologs.lv/wp-content/uploads/2016/10/XIII-BNC.pdf>

Free pentosidine assessment based on fluorescence measurements in spent dialysate

Kalle, Sigrid; **Tanner, Risto; Luman, Merike; Fridolin, Ivo** Blood Purification 2019 / p. 85–93 <https://doi.org/10.1159/000493522>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hemodialysis optical monitoring toward greener technology : a potential for water saving dialysis treatment

Leis, Liisi; **Adoberg, Annika; Paats, Joosep; Holmar, Jana; Arund, Jürgen; Karai, Deniss; Luman, Merike; Pilt, Kristjan; Taklaja, Paul; Tanner, Risto; Fridolin, Ivo** 19th Nordic-Baltic Conference on Biomedical Engineering and Medical Physics : Proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia 2023 / p. 162 - 171 https://doi.org/10.1007/978-3-031-37132-5_21
[Conference Proceedings at Scopus](#) [Article at Scopus](#)

HPLC study of uremic toxins in the spent dialysate

Lauri, Kai; **Tanner, Risto; Arund, Jürgen; Fridolin, Ivo** NoSSS2009 : 5th Conference on Separation and Related Techniques by Nordic Separation Science Society : 26-29 August, 2009, Tallinn University of Technology, Estonia : abstract book and program 2009 / p. 109

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>

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>

Majandus on tervenemas, teadus veel mitte

Tanner, Risto Sirp 2014 / lk. 25 <https://www.sirp.ee/s1-artiklid/c9-sotsiaalia/majandus-on-tervenemas-teadus-veel-mitte/>

Major chromophores and fluorophores in the spent dialysate as cornerstones for optical monitoring of kidney replacement therapy = Peamised kromofoorid ja fluorofoorid heitdialüsaadis neeruasendusravi optilise monitooringu nurgakividena

Arund, Jürgen 2016 http://www.ester.ee/record=b4574893*est

Maximum entropy reconstruction of joint [phi], [psi]-distribution with a coil-library prior : the backbone conformation of

the peptide hormone motilin in aqueous solution from [phi] and [psi]-dependent J-couplings

Massad, Tariq; Jarvet, Jüri; Tanner, Risto; **Tomson, Katrin; Smirnova, Julia; Palumaa, Peep**; Sugai, Mariko; Kohno, Toshiyuki; **Vanatalu, Kalju**; Damberg, Peter Journal of biomolecular NMR 2007 / 2, p. 107-123

https://www.researchgate.net/publication/6369716_Maximum_entropy_reconstruction_of_joint_phps-distribution_with_a_coil-library_prior_The_backbone_conformation_of_the_peptide_hormone_motilin_in_aqueous_solution_from_ph_and_ps-dependent_J-couplings

Optical dialysis adequacy monitoring: small uremic toxins and contribution to UV-absorbance studied by HPLC

Lauri, Kai; Arund, Jürgen; Holmar, Jana; Tanner, Risto; Luman, Merike; Fridolin, Ivo Progress in hemodialysis - from emergent biotechnology to clinical practice 2011 / p. 143-160 : ill <https://www.intechopen.com/chapters/21275>

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 method and biochemical source for the assessment of the middle-molecule uremic toxin β 2-microglobulin in spent dialysate

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen; Fridolin, Ivo; Lauri, Kai**; Leis, Liisi; **Luman, Merike; Tanner, Risto** Toxins 2021 / art. 255, 15 p. : ill <https://doi.org/10.3390/toxins13040255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Optical monitoring of uremic metabolites-fluorophores during dialysis : the cases of [beta]-2-microglobulin, pentosidine, and 4-pyridoxic acid = Ureemiliste metaboliitide-fluorofooride optiline jälgimine dialüüsi jooksul: [beta]-2-mikroglobuliini, pentosidiini ja 4-püridokshappe näited

Kalle, Sigrid 2018 <https://digi.lib.ttu.ee/?11057> https://www.ester.ee/record=b5159591*est

Optical real-time cardiorenal toxin uric acid measurement during hemodialysis using a miniaturized optical sensor

Holmar, Jana; Arund, Jürgen; Adoberg, Annika; Leis, Liisi; Luman, Merike; **Paats, Joosep; Pilt, Kristjan; Tanner, Risto; Fridolin, Ivo** Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS2023 2023 / 4 p. : ill <https://doi.org/10.1109/EMBC40787.2023.10340379> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Paracetamol interferes uric acid levels in uraemic patients revealed by monitoring spent dialysate

Tanner, Risto; Arund, Jürgen; Fridolin, Ivo; Luman, Merike ISRN nephrology 2013 / p. 1-4 : ill

POS-648 medicines intake influences accuracy of the uremic retention molecules' optical monitoring in spent dialysate : the case of uremic toxin uric acid and paracetamol

Paats, Joosep; Adoberg, Annika; **Arund, Jürgen; Fridolin, Ivo; Holmar, Jana**; Leis, Liisi; **Pilt, Kristjan; Tanner, Risto; Uhlin, Nils Fredrik Arne; Luman, Merike** Kidney International Reports 2022 / p. S277-S278 : ill <https://doi.org/10.1016/j.ekir.2022.01.681>

Reduction of urea and indoxyl sulphate concentration during different dialysis treatment modalities

Holmar, Jana; Luman, Merike; **Arund, Jürgen**; Lauri, Kai; **Tomson, Ruth; Tanner, Risto; Kalle, Sigrid; Fridolin, Ivo** International journal of artificial organs 2016 / p. 379 <http://dx.doi.org/10.5301/ijao.5000508>

Removal estimation of uremic CVD marker phosphate in dialysis using spectrophoto- and fluorimetric signals

Holmar, Jana; Arund, Jürgen; Kalle, Sigrid; Lauri, Kai; Luman, Merike; Tanner, Risto; Tomson, Ruth; Fridolin, Ivo EMBEC & NBC 2017 : joint conference of the European Medical and Biological Engineering Conference (EMBEC) and the Nordic-Baltic Conference on Biomedical Engineering and Medical Physics (NBC), Tampere, Finland, June 2017 2018 / p. 358-361 : ill https://doi.org/10.1007/978-981-10-5122-7_90

Removal of Urea, beta 2-Microglobulin, and Indoxyl Sulfate Assessed by Absorbance and Fluorescence in the Spent Dialysate During Hemodialysis

Lauri, Kai; Arund, Jürgen; Holmar, Jana; Tanner, Risto; Kalle, Sigrid; Luman, Merike; Fridolin, Ivo Asaio journal 2020 / p. 695-705 <https://doi.org/10.1097/MAT.0000000000001058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Teadus on tasuv investeerimise : millist teaduse rahastamise süsteemi vajab Eesti?

Engelbrecht, Jüri; Zobel, Martin; Tanner, Risto Postimees 2004 / 23. jaan., lk. 15 : ill., portr <https://www.postimees.ee/1394883/teadus-on-tasuv-investeering>

Teadus on tootlik jõud. Paneme ta tööle.

Tanner, Risto Eesti Päevaleht 2016 / lk. 11 <https://epl.delfi.ee/artikkel/73943069/teadus-on-tootlik-joud-paneme-ta-toole#>

Teaduse rahastamisest Eestis

Tanner, Risto Kultuur ja Elu 2008 / 4, lk. 31

Teadusele raha juurde! Kellele siis ja mis otstarbeks?

Tanner, Risto Sirp 2019 / lk. 25-27 : fot https://www.ester.ee/record=b1072938*est <https://sirp.ee/s1-artiklid/c21-teadus/teadusele-raha-juurde-kellele-siis-ja-mis-otstarbeks/>

The metabolic pattern could be useful for better understanding of the etiology of cardiovascular diseases

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; **Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto** 1st Nordic Metabolomics Conference, 26–28 August 2018 Örebro, Sweden : abstract book 2018 / p. 92-93
https://www.oru.se/contentassets/8ce68e72859b49ad9a8bcb96acd612f6/program_abstract-book_2018.pdf

The metabolic profile of ischemic heart disease patients with or without previous MI by serum 1H NMR is similar

Titma, Tiina; Günther, Ulrich L.; Ludwig, Christian; Pikta, Marika; **Zemtsovskaja, Galina; Shin, Min-Ji; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 47-48
http://www.ester.ee/record=b4819912*est

The metabolic profile of ischemic heart disease by serum 1H NMR

Shin, Min-Ji; Titma, Tiina; Ludwig, Christian; Günther, Ulrich L.; Pikta, Marika; **Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** 2017 Annual Meeting : abstract supplement : late-breaking abstract submissions : 2017, Baltimore 2017 / p. 154 <https://www.toxicology.org/pubs/docs/Tox2017ToxSup.pdf>

The metabolic profile of stable ischemic heart disease by serum 1H NMR

Titma, Tiina; Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus; Tanner, Risto; Samoson, Ago** Applied magnetic resonance 2019 / p. 527–539 : ill <https://doi.org/10.1007/s00723-018-1084-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The repressor domain of Gli3, a transcription factor of Hedgehog signaling pathway, is intrinsically disordered

Tsanev, Robert; Tanner, Risto; Jarvet, Jüri; **Osterlund, Torben; Vanatalu, Kalju; Kogerman, Priit** VIII European Symposium of the Protein Society : Zurich, June 14-18, 2009 2009 / ? p