

**Active oxygen intermediates in the degradation of hematoporphyrin derivative in tumor cells subjected to photodynamic therapy**

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**Adaptation of striated muscles to Wolframin deficiency in mice : alterations in cellular bioenergetics**

Tepp, Kersti; Puurand, Marju; Timohhina, Natalja; **Aid-Vanakova, Jekaterina**; Reile, Indrek; Ševtšuk, Igor; Tšekulajev, Vladimir; Eimre, Margus; Peet, Nadežda; Kadaja, Lumme; Paju, Kalju; Käämbre, Tuuli Biochimica et biophysica acta 2020 / art. 129523 <https://doi.org/10.1016/j.bbagen.2020.129523>

**Analysis of energy fluxes in colorectal cancer saponin skinned tissues and Caco-2 cells**

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**Association of CD2 with fibrinogen in human plasma : depletion of the soluble E-receptor in blood clotting**

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**The changes in the optical properties of Ehrlich carcinoma cells treated with hematoporphyrin derivative and light**

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**Colorectal polyps increase the glycolytic activity**

**Rebane-Klemm, Egle; Reinsalu, Leenu**; Puurand, Marju; Ševtšuk, Igor; Bogovskaja, Jelena; Suurmaa, Külliki; Valvere, Vahur; Moreno-Sanchez, Rafael; Käämbre, Tuuli Frontiers in oncology 2023 / art. 1171887, 11 p. : ill <https://doi.org/10.3389/fonc.2023.1171887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The complexity of mitochondrial outer membrane permeability and VDAC regulation by associated proteins**

Klepinin, Aleksandr; Õunpuu, Ljudmila; Mädo, Kati; **Truu, Laura**; Tšekulajev, Vladimir; Puurand, Marju; Ševtšuk, Igor; Tepp, Kersti; Planken, Anu; Käämbre, Tuuli Journal of bioenergetics and biomembranes 2018 / p. 339-354 : ill <https://doi.org/10.1007/s10863-018-9765-9>

**Eesti väliskeskkonna saastatusest nitroareenidega**

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**Energy metabolic plasticity of colorectal cancer cells as a determinant of tumor growth and metastasis**

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**Feoforbiid-a kompleks diaminobutaan-polüpropüleenimiinse dendrimeeriga - uus fotodünaamilise teraapia fotosensibilisaator**

**Ševtšuk, Igor; Tšekulajeva, Ludmilla; Tšekulajev, Vladimir** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 109-110

**Hematoporfüriini ja albumiini fotoindutseeritud muutuste uurimine vee keskkonnas**

**Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 145 [https://www.ester.ee/record=b1059313\\*est](https://www.ester.ee/record=b1059313*est)

**Hematoporfüriini ja valguse mõju Ehrlichi kartsinoomi rakkude optilistele omadustele**

**Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 146 [https://www.ester.ee/record=b1059313\\*est](https://www.ester.ee/record=b1059313*est)

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#### **The isolation and characterization of human natural [alpha]-gal-specific IgG antibodies applicable to the detection of [alpha]-gal-glycosphingolipids**

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#### **Kasvajarakkude pinna morfoloogilised muutused hematoporfürini derivaadi (HPD) fotodünaamilisel toimel on seotud ATP alanemisega ja tsütoskeleti proteiinide sulfhüdriilsete rühmade oksüdatsiooniga**

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**Temperatuuri mõju hematoporfürüini derivaadi (HPD) fototoksilisusele kasvajakakkudes**

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**Valguse mõju hematoporfürüini absorptsioonile ja destruktsioonile Ehrlich'i kartsinoomi rakkude suspensioonis**

**Tšekulajev, Vladimir; Ševtšuk, Igor; Tšekulajeva, Ludmilla** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 144 [https://www.ester.ee/record=b1059313\\*est](https://www.ester.ee/record=b1059313*est)

**Vesinikperoksiidi, superoksiidi ja hüdroksüülradikaalide osalus hematoporfürüini derivaadi (HPD) fototoksilises toimes kasvajakakkudele**

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**Wolframin deficiency is accompanied with metabolic inflexibility in rat striated muscles**

Tepp, Kersti; **Aid-Vanakova, Jekaterina**; Puurand, Marju; Timohhina, Natalja; **Reinsalu, Leenu**; Tein, Karin; Plaas, Mario; Ševtšuk, Igor; Terasmaa, Anton; Käämbre, Tuuli Biochemistry and Biophysics Reports 2022 / art. 101250 <https://doi.org/10.1016/j.bbrep.2022.101250> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)