

An in situ study of bioenergetic properties of human colorectal cancer: The regulation of mitochondrial respiration and distribution of flux control among the components of ATP synthasome

Kaldma, Andrus; Klepinin, Aleksandr; Chekulajev, Vladimir; Mado, Kati; Shevchuk, Igor; Timohhina, Natalja; Tepp, Kersti; Kandashvili, Manana; **Planken, Margus; Truu, Laura** International journal of biochemistry and cell biology 2014 / p. 171-186 : ill <https://doi.org/10.1016/j.biocel.2014.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Ševtšuk, Igor; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; **Õunpuu, Ljudmila** MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 2015 / p. 35-36 : ill http://www.bioblast.at/index.php/Shevchuk_2015_Abstract_MiP2015

Can selenium levels act as a marker of colorectal cancer risk?

Lener, Marcin R.; **Kulp, Maria; Viitak, Anu** BMC cancer 2013 / p. 1-6 : ill <https://doi.org/10.1186/1471-2407-13-214> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Interplay between creatine kinase and adenylate kinase networks in health and disease = Kreatiinkinaasi ja adenülaatkinaasi energiaülekande võrgustike vaheline koosmõju normis ja patoloogias

Klepinin, Aleksandr 2018 <https://digi.lib.ttu.ee/i/?9963> https://www.ester.ee/record=b5141460*est

Lynch syndrome mutations shared by the Baltic States and Poland

Dymerska, D.; **Kelve, Merike** Clinical genetics 2014 / p. 190-193 : ill <https://doi.org/10.1111/cge.12251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Malignant transformation causes rearrangement of energy metabolism in colorectal and breast cancers = Kartsinogenees toob kaasa energiametabolismi ümberkorralduse jämesoole- ja rinnakasvajates

Koit, Andre 2018 <https://digi.lib.ttu.ee/i/?9349> https://www.ester.ee/record=b4761853*est

Management strategies for patients with advanced rectal cancer and liver metastases using modified Delphi methodology : results from the PelvEx Collaborative

Kelly, M.E.; Aalbers, A. G. J.; Abdul Aziz, N.; **Teras, Jüri** Colorectal disease 2020 / p. 1184-1188 <https://doi.org/10.1111/codi.15007>

Metabolic alterations in colorectal polyps and their role in carcinogenesis = Metaboolsed muutused jämesoole polüüpides ja nende roll vähi tekkes

Rebane-Klemm, Egle 2023 <https://doi.org/10.23658/taltech.27/2023> <https://digikogu.taltech.ee/et/Item/40d31bd2-16a4-4b0a-8c2e-3f409997f857> https://www.ester.ee/record=b5569147*est

Metabolic remodeling of human colorectal cancer : alterations in energy fluxes = Soolevähi metaboolne remodelleerimine : muutused energiavoogudes

Kaldma, Andrus 2017 <https://digi.lib.ttu.ee/i/?7372> https://www.ester.ee/record=b4670813*est

Metabolic reprogramming accompanying the development of colorectal cancer = Kolorektaalvähi arenguga kaasnev metaboolne ümberprogrammeerimine

Reinsalu, Leenu 2024 https://www.ester.ee/record=b5708354*est <https://digikogu.taltech.ee/et/Item/127398f7-c150-42ac-bf23-f7d3ff34331f> <https://doi.org/10.23658/taltech.63/2024>

Mitochondrial respiration in human colorectal and breast cancer clinical material is regulated differently

Koit, Andre; Ševtšuk, Igor; **Õunpuu, Ljudmila;** Klepinin, Aleksandr; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Puurand, Marju; **Truu, Laura;** Heck, Karoliina; Valvere, Vahur; Guzun, Rita; Käämbre, Tuuli Oxidative medicine and cellular longevity 2017 / art. 1372640, 16 p. : ill <https://doi.org/10.1155/2017/1372640>

Mitochondrial respiration in KRAS and BRAF mutated colorectal tumors and polyps

Rebane-Klemm, Egle; Truu, Laura; Reinsalu, Leenu; Puurand, Marju; Ševtšuk, Igor; Tšekulajev, Vladimir; Timohhina, Natalja; Tepp, Kersti; Bogovskaja, Jelena; Afanasjev, Vladimir; Suurmaa, Külliki; Valvere, Vahur; Käämbre, Tuuli Cancers 2020 / art. 815 <https://doi.org/10.3390/cancers12040815> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quantitative characterization of respiratory parameters of human colorectal and breast cancer clinical material

Ševtšuk, Igor; Koit, Andre; Kaldma, Andrus; Tšekulajev, Vladimir; Klepinin, Aleksandr; **Õunpuu, Ljudmila** MiP 2015 : 11th Conference on Mitochondrial Physiology : Lucni Bouda, Giant Mountains National Park, Czech Republic, 7-11 September 2015 2015 / p. 28-29 : ill http://www.bioblast.at/index.php/Kaambre_2015_Abstract_MiP2015

The permeability of mitochondrial outer membrane and metabolic plasticity in colorectal cancer = Mitokondrite

välismembraani läbitavus ja metaboolne plastilisus käärsöolevähis

Truu, Laura 2024 https://www.ester.ee/record=b5679407*est <https://digikogu.taltech.ee/et/Item/1c47ea05-9ec9-4a0b-a7c2-28e8a79afc1e>
<https://doi.org/10.23658/taltech.19/2024>