

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

Reinsalu, Leenu; Puurand, Marju; Tšekulajev, Vladimir; **Miller, Sten;** Ševtšuk, Igor; Tepp, Kersti; **Rebane-Klemm, Egle;** Timohhina, Natalja; Terasmaa, Anton; Käämbre, Tuuli *Frontiers in Oncology* 2021 / Art. nr. 698951 <https://doi.org/10.3389/fonc.2021.698951> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy Metabolism Profiling of Human Colorectal Tumours

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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](#)

Restricted ADP movement in cardiomyocytes : cytosolic diffusion obstacles are complemented with a small number of open mitochondrial voltage-dependent anion channels

Simson, Päivo; Jepihhina, Natalja; Laasmaa, Martin; Peterson, Pearu; Birkedal Nielsen, Rikke; Vendelin, Marko *Journal of molecular and cellular cardiology* 2016 / p. 197-203 : ill <https://doi.org/10.1016/j.yjmcc.2016.04.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stable isotope tracing uncovers reduced γ/β -ATP turnover and metabolic flux through mitochondrial-linked phosphotransfer circuits in aggressive breast cancer cells

Klepinin, Aleksandr; **Miller, Sten;** Reile, Indrek; Puurand, Marju; **Rebane-Klemm, Egle;** Klepinina, Ljudmila; Vija, Heiki; Zhang, Song; Terzic, Andre; Dzeja, Petras; Kaambre, Tuuli *Frontiers in Oncology* 2022 / art. 892195 <https://doi.org/10.3389/fonc.2022.892195> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The location of energetic compartments affects energetic communication in cardiomyocytes

Birkedal, Rikke; Laasmaa, Martin; Vendelin, Marko *Frontiers in physiology* 2014 / art. 376, 9 p.: ill <https://doi.org/10.3389/fphys.2014.00376> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)