

Cardiac expression and location of hexokinase changes in a mouse model of pure creatine deficiency

Branovets, Jelena; Karro, Niina; Barsunova, Karina; Laasmaa, Martin; Lygate, Craig A.; Vendelin, Marko; Birkedal Nielsen, Rikke American journal of physiology-heart and circulatory physiology 2021 / p. H613–H629 <https://doi.org/10.1152/ajpheart.00188.2020>
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Compartmentalization in cardiomyocytes modulates creatine kinase and adenylate kinase activities

Birkedal, Rikke; Branovets, Jelena; Vendelin, Marko FEBS letters 2024 / p. 2623-2640 <https://doi.org/10.1002/1873-3468.14994>
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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>

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 Journal](#) [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

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Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization

Branovets, Jelena; Soodla, Kārol; Vendelin, Marko; Birkedal Nielsen, Rikke PLoS ONE 2023 / art. e0294718
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