

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>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Compartmentalization in cardiomyocytes modulates kinase activities
Birkedal, Rikke; Branovets, Jelena; Jaska, Lucia; Shikha, Divya; Bernasconi, Romain; Vendelin, Marko FEBS Open Bio 2024 / p. 34 <https://doi.org/10.1002/2211-5463.13836>

EGFR and [beta]1 integrins utilize different signaling pathways to activate Akt
Velling, Teet; Stefansson, Anne; Johansson, Staffan Experimental cell research 2008 / p. 309-316 : ill
<https://pubmed.ncbi.nlm.nih.gov/17910952/>

Expression of FLNa in human melanoma cells regulates the function of integrin $\alpha 1 \beta 1$ and phosphorylation and localisation of PKB/AKT/ERK1/2 kinases
Krebs, Kristi; Ruusmann, Anu; Simonlatser, Grethel; Velling, Teet European Journal of Cell Biology 2015 / p. 564-575
<https://doi.org/10.1016/j.ejcb.2015.10.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudsete inhibiitoriteni
Luberg, Kristi 2017 <https://digi.lib.ttu.ee/i/?7373> https://www.estee.ee/record=b4665007*est

Identification of a novel serine/threonine kinase ULK3 as a positive regulator of Hedgehog pathway
Maloverjan, Alla; Piirsoo, Marko; Michelson, Piret; Kogerman, Priit; Osterlund, Torben Experimental cell research 2010 / 4, p. 627-637 <https://www.sciencedirect.com/science/article/abs/pii/S0014482709004479>

In silico approach to finding new scaffolds for LRRK2 inhibition
Kahn, Iiris; Lomaka, Andre; Karelson, Mati European Pharma Summit : Berlin, Germany, May 5-8, 2015 : abstracts 2015 / [1] p

Integrated and organized cellular bioenergetic systems in heart and brain
Anmann, Tiia 2007 http://www.estee.ee/record=b2281020*est

Localized CaMKII movement towards the Z-line mediates RyR phosphorylation in cardiomyocytes
Bergan-Dahl, Anna; Carlson, Cathrine R.; Laasmaa, Martin; Norden, Einar; Sjaastad, Ivar; Louch, William; Shen, Xin Journal of molecular and cellular cardiology 2022 / art. S142 <https://doi.org/10.1016/j.yjmcc.2022.08.280>

Localized CaMKII δ movement at the RyR nanodomain mediates RyR phosphorylation
Bergan-Dahl, A.; Carlson, C. R.; Laasmaa, Martin; Norden, E. S.; Sjaastad, I.; Louch, W. E.; Shen, X. Acta physiologica 2022 / p. 107-108 <https://onlinelibrary.wiley.com/doi/epdf/10.1111/apha.13875>

PI3-kinase p110 α mediates $\beta 1$ integrin-induced Akt activation and membrane protrusion during cell attachment and initial spreading
Zeller, Kathrin; Idevall-Hagren, Olof; Stefansson, Anne; Velling, Teet; Jackson, Shaun; Downward, Julian; Tengholm, Anders; Johansson, Staffan Cellular signalling 2010 / 12, p. 1838-1848 : ill <https://pubmed.ncbi.nlm.nih.gov/20667469/>

QSAR modeling of the inhibition of glycogen synthase kinase-3
Katritzky, Alan R.; Pacureanu, Liliana M.; Dobchev, Dimitar A.; Fara, Dan C.; Duchowicz, Pablo R.; Karelson, Mati Bioorganic & medicinal chemistry 2006 / 14, p. 4987-5002 : ill <https://www.sciencedirect.com/science/article/pii/S0968089606002069>

Rat and mouse cardiomyocytes show subtle differences in creatine kinase expression and compartmentalization
Branovets, Jelena; Soodla, K  rol; Vendelin, Marko; Birkedal Nielsen, Rikke PLoS ONE 2023 / art. e0294718
<https://doi.org/10.1371/journal.pone.0294718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stable isotope tracing uncovers reduced γ -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](#)

Thymidine rescues ATR kinase inhibitor-induced deoxyuridine contamination in genomic DNA, cell death, and interferon- α/β expression
Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Pandya, Pinakin; Deppas, Joshua J.; Moiseeva, Tatiana; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U. The Cell Reports 2022 / art. 111371
<https://doi.org/10.1016/j.celrep.2022.111371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Vertebrate homologues of Drosophila fused kinase and their roles in Sonic Hedgehog signalling pathway = Selgroogsete fu kinaasi homologide roll Sonic Hedgehogi signaali ülekanderajas
Maloverjan, Alla 2010 https://www.eester.ee/record=b2643366*est

Свойства иммобилизованной нуклеозидфосфотрансферазы

Gajevaja, Ljubov Прикладные вопросы биоорганического катализа 1981 / с. 49-58 : илл https://www.eester.ee/record=b1345163*est
<https://digikogu.taltech.ee/et/Item/8ddb0fc6-18e7-45ab-baea-c94e3b5e53a6>