

**Mechanical strain increases protein tyrosine phosphorylation in airway smooth muscle cells**

Smith, P.G.; Garcia, R.; **Kogerman, Lembi** Experimental cell research 1998 / p. 353-360

**Real-time determination of sarcomere length of a single cardiomyocyte during contraction**

**Peterson, Pearu; Kalda, Mari; Vendelin, Marko** American journal of physiology - cell physiology 2013 / p. C519-C531 : ill  
<https://doi.org/10.1152/ajpcell.00032.2012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Regulation of respiration in permeabilized muscle cells : apparent KM for ADP shows the mitochondrial outer membrane permeability**

Quetglas, Rafaela Bagur; **Karu-Varikmaa, Minna**; Tepp, Kersti; **Metsis, Madis** Biophysical journal 2013 / p. 447a-448a

**Stretch harmonizes sarcomere strain across the cardiomyocyte**

Li, Jia; Sundnes, Joakim; Hou, Yufeng; **Laasmaa, Martin**; Ruud, Marianne; Unger, Andreas; Kolstad, Terje R.; Frisk, Michael; Norseng, Per Andreas; Yang, Limin; Setterberg, Ingunn E.; Alves, Estela S. Circulation Research 2023 / p. 255 - 270  
<https://doi.org/10.1161/CIRCRESAHA.123.322588>

**Structural and functional studies of mitochondrial respiration regulation in muscle cells = Lihasrakkude mitokondriaalse hingamise regulatsiooni struktuursed ja funktsionaalsed uuringud**

**Varikmaa, Minna**; Saks, Valdur; **Metsis, Madis** 2013 [https://www.ester.ee/record=b3035829\\*est](https://www.ester.ee/record=b3035829*est)

**Study of possible interactions of tubulin, microtubular network, and STOP protein with mitochondria in muscle cells**

Guerrero, Karen; Monge, Claire; Brückner, Anna; **Puurand, Ülo**; **Kadaja, Lumme**; Käämbre, Tuuli; **Seppet, Enn**; Saks, Valdur  
Molecular and cellular biochemistry 2010 / 1/2, p. 239-249 : ill <https://pubmed.ncbi.nlm.nih.gov/19888554/>

**The role of the mitochondrial outer membrane in in vivo regulation of respiration in normal heart and skeletal muscle cells = Étude du contrôle de la respiration mitochondriale des cellules musculaires - rôle de la membrane externe**

**Tiivel, Toomas** 2002 [https://www.ester.ee/record=b1655726\\*est](https://www.ester.ee/record=b1655726*est)

**The role of tubulin in the mitochondrial metabolism and arrangement in muscle cells**

Tepp, Kersti; Mado, Kati; **Varikmaa, Minna**; Klepinin, Aleksandr; Timohhina, Natalja; Shevchuk, Igor; Chekulayev, Vladimir; Kuznetsov, Andrey V.; Guzun, Rita; Kaambre, Tuuli Journal of bioenergetics and biomembranes 2014 / p. 421-434 : ill  
<https://doi.org/10.1007/s10863-014-9579-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)