

### **Biophysics of the organized metabolic networks in muscle and brain cells**

Saks, Valdur; Aliev, M.; Guzun, Rita; Beraud, Nathalie; Monge, Claire; **Anmann, Tiia**; Kuznetsov, A.V.; Seppet, Enn Recent Res.Devel.Biophys 2006 / p. 269-318

### **Coupled creatine kinase systems in cardiac cells and synaptosomes : a comparative kinetic study**

**Anmann, Tiia**; Monge, Claire; Beraud, Nathalie; Pelloux, Sophie; Tourneur, Yves; Saks, Valdur Biophysical Society meeting abstracts : Biophysical journal supplement 2007 / p. 621A

[https://www.researchgate.net/publication/296111529\\_Coupled\\_creatine\\_kinase\\_systems\\_in\\_cardiac\\_cells\\_and\\_synaptosomes\\_A\\_comparative\\_kinetic\\_study](https://www.researchgate.net/publication/296111529_Coupled_creatine_kinase_systems_in_cardiac_cells_and_synaptosomes_A_comparative_kinetic_study)

### **Different kinetics of the regulation of respiration in permeabilized cardiomyocytes and in HL-1 cardiac cells : importance of cell structure/organization for respiration regulation**

**Anmann, Tiia**; Guzun, Rita; Beraud, Nathalie; Pelloux, Sophie; Kuznetsov, Andrey V.; **Kogerman, Lembi**; Käämbre, Tuuli; Sikk, Peeter; Paju, Kalju; Peet, Nadežda; Seppet, Enn; Ojeda, Carlos; Tourneur, Yves; Saks, Valdur Biochimica et biophysica acta 2006 / p. 1597-1606 : ill <https://www.sciencedirect.com/science/article/pii/S0005272806003070>

### **Formation of highly organized intracellular structure and energy metabolism in cardiac muscle cells during postnatal development of rat heart**

Anmann, Tiia; **Varikmaa, Minna**; Timohhina, Natalja; Tepp, Kersti; Shevchuk, Igor; Chekulayev, Vladimir; Saks, Valdur; Kaambre, Tuuli Biochimica et biophysica acta - Bioenergetics 2014 / p. 1350-1361 : ill <https://doi.org/10.1016/j.bbabi.2014.03.015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Integrated and organized cellular bioenergetic systems in heart and brain**

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### **Modeling of the coupled enzyme systems : model of mitochondrial creatine kinase (miCK) and adenine nucleotide translocase (ANT) coupling**

**Vendelin, Marko**; **Anmann, Tiia**; **Käämbre, Tuuli**; Sikk, Peeter; Saks, Valdur Biophysical Society meeting abstracts : Biophysical journal supplement 2007 / p. 660A