

Svarbiausios pastarųjų metų publikacijos

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2. Barauskaite J, Grybauskiene R, Morkuniene R, Borutaite V, Brown GC. [Tetramethylphenylenediamine protects the isolated heart against ischaemia-induced apoptosis and reperfusion-induced necrosis](#). *Br J Pharmacol*. 2011, 162(5): 1136-42.
3. Cizas P, Budvytyte R, Morkuniene R, Moldovan R, Broccio M, Lösche M, Niaura G, Valincius G, Borutaite V. Size-dependent neurotoxicity of beta-amyloid oligomers. *Arch. Biochem. Biophys*. 2010, 496(2): 84-92
4. Borutaite V. Mitochondria as decision-makers in cell death. *Eviron. Mol. Mutagen*. 2010, 51: 406-416.
5. Morkuniene R, Arandarcikaite O, Ivanoviene L, Borutaite V. Estradiol-induced protection against ischemia-induced heart mitochondrial damage and caspase activation is mediated by protein kinase G. *Biochim. Biophys. Acta*. 2010, 1797(6-7):1012-1017.
6. Baliutyte G., Baniene R., Trumbeckaite S., Borutaite V., Toleikis A. Effects of Ginkgo biloba extract on heart and liver mitochondrial functions: mechanism(s) of action. *J. Bioenerg. Biomembr*. 2010, 42:165–172.
7. Kopustinskiene DM, Liobikas J, Skemiene K, Malinauskas F, Toleikis A. [Direct effects of K\(ATP\) channel openers pinacidil and diazoxide on oxidative phosphorylation of mitochondria in situ](#). *Cell Physiol Biochem*. 2010; 25(2-3): 181-6.
8. Gellerich FN, Gizatullina Z, Trumbeckaite S, Nguyen HP, Pallas T, Arandarcikaite O, Vielhaber S, Seppet E, Striggow F. [The regulation of OXPHOS by extramitochondrial calcium](#). *Biochim. Biophys. Acta*. 2010, 1797(6-7): 1018-27
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11. Ciapaite J, Nauciene Z, Baniene R, Wagner MJ, Krab K, Mildaziene V. Modular kinetic analysis reveals differences in Cd²⁺ and Cu²⁺ ion-induced impairment of oxidative phosphorylation in liver. *FEBS J*. 2009, 276(13): 3656-68.
12. Bernatoniene J, Trumbeckaite S, Majiene D, Baniene R, Baliutyte G, Savickas A, Toleikis A. The effect of crataegus fruit extract and some of its flavonoids on mitochondrial oxidative phosphorylation in the heart. *Phytother Res*. 2009, 23(12):1701-7.
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14. Borutaite V., Brown G.C. Mitochondrial regulation of caspase activation by cytochrome oxidase and tetramethylphenylenediamine via cytosolic cytochrome c redox state. *J Biol Chem*. 2007, 282: 31124-31130.
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