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Influence of 10-(6-plastoquinonyl) decyltriphenylphosphoni



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Published

in: [Biochemistry](#) · 2015

Authors: [Ya G Voronkova](#) · [T N Popova](#) · [A A Agarkov](#) · [M V Skulachev](#)

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2

**Name of Journal:** *World Journal of Diabetes***Manuscript NO:** 50245**Manuscript Type:** ORIGINAL ARTICLE**Basic Study**

**Influence of 10-(6-plastoquinonyl) decyltriphenylphosphonium on free-radical homeostasis in the heart and blood serum of rats with streptozotocin-induced hyperglycemia**

**Abstract****BACKGROUND**

It is known that under conditions of tissue tolerance to insulin, observed during type 2 diabetes mellitus (DM2), there is an increase production of reactive oxygen species (ROS). Moreover, the free radicals (FR) can initiate lipid peroxidation (LPO) in

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