

ARGININE: BIOLOGICAL EFFECT, INFLUENCE ON NITRIC OXIDE SYNTHESIS

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Summary. Arginine biological effect was reviewed. «Tivortine» medication influence on endogenous NO synthesis has been investigated on the rats experiment. Peritoneal injection of the medication leads to NO synthesis intensification, that was determined with the increasing level of nitrite and nitrate in urine and blood samples. The increasing NO level in liver tissues and the mitochondrial functional activity intensification have been revealed by EPR investigation.

Key words: *Tivortine, L-arginine, NO.*