

The influence of glycine on thermoregulatory mechanisms of organism of rats before, during and after stress

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It has been shown that glycine evokes the hypothermal effect and participates in regulation of organisms temperature homeostasis, acting both on clinical and physical thermoregulatory mechanisms. The chemical thermoregulation by glycine takes place via contractile and noncontractile thermogenesis in organism and by decrease of oxidative-restorative processes in somatic and visceral organs. The physical mechanisms of thermoregulatory reactions realizes through the adrenoreceptors of arterial vessels.