

The influence of a nitrogen oxide on erythrocyte deformability in rats exposed to stress of water immersion

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The influence of a modification of nitrogen oxide synthase activity on erythrocyte deformability in rats during the stress caused by water immersion have been investigated. The obtained results show that a blockage of a nitrogen oxide synthase during water immersion leads to a relatively considerable decrease of erythrocytes deformability, whereas an increase of nitrogen oxide activity causes a moderate increase in their deformability.