DYNAMICS OF CHANGE OF RATS BLOOD SERUM INDEXES DUE TO ACTION OF LITTLE DOSES OF ROENTGEN RADIATION AND DUE TO ERSOL PREPARATION

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The peculiarities of change dynamics of Roentgen irradiation of 0.25, 0.5, 1.0 Gy doses on the important biochemical indexes of rats' organisms homeostase had been studied. It had been shown that radiation of those doses had caused returned changes of activity of aminotranspherases, thricilgliciroles, holesterole and glucose in rats' blood serum. Essential shifts in lipid change were observed. According to the experimental results the sensitive index indicating the radiation defeat was the growth of usual lipids content during the whole period of investigation and phase character of alkaline phosphatase activity changes and decrease of free iron concentrations depending of irradiation doses. Ersol preparation usage had made a good effect on the most studied biochemical indexes of rats' blood serum irradiated by 0.5 Gy dose.