

## **MODIFICATION OF OXIDATION METABOLISM BY BIOLOGICAL ACTIVE PREPARATION RAPAMID IN MICE WITH DIFFERENT RADIOSENSITIVITY**

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Influence of Rapamid, new biological active preparation of natural origin with antioxidant properties, on oxidation metabolism in mice with different radiosensitivity under single total irradiated, doze 1.0 Gy, was investigated. The one usage course of Rapamid before irradiation, according to oxide metabolism values, exert considerable radioprotective efficacy upon radiosensitive C3H mice, whereas on radioresistant mice (line CBA) such course result in increasing of free radicals processes. The authors pay attention to necessity of individual approach when drugs with antioxidant properties are used.

*Keywords:* radiosensitivity, oxidation metabolism, antioxidants, preparation rapamid.