

**REGULARITY OF MORTALITY AND LIFE SPAN OF THE  
EXPERIMENTAL ANIMALS UNDER THE EXPOSURE OF PROTRACTED  
INTERNAL IRRADIATION WITH RADIONUCLIDES OF  $^{137}\text{Cs}$  AND  $^{90}\text{Sr}$**

**V. M. Indyk, Ya. I. Serkiz, A. I. Lypska, A. V. Alistratov, I. P. Drozd,  
T. B. Gerasimova, T. N. Dudchenko**

It has been shown that exposure to protracted low intense irradiation with low doses, caused by radionuclides ( $^{137}\text{Cs}$  and  $^{90}\text{Sr}$ ) has negative influence on survival indices and expected life span in different groups according to age. Mortality of irradiated animals is mainly caused by development of pathological processes of intumor oridgin. The frequency of radiation induced tumors is the same with intact control.