THE PECULIARITIES OF THE CHANGES IN MEDULLAR HEMATOPOETIC SYSTEM OF ANIMALS EXPOSED TO INTERNAL IRRADIATION WITH ^{90}Sr

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The changes in medullar hemapoietic system of rats of Vistar line under the internal irradiation with ^{90}Sr have been investigated. It has been determined that internal irradiation of animals with osteotropic radionuclides caused dishemopoiesis in early terms. The distrubences in ratio of the number of myelocytes and erythrocytes, proliferative activity, pathological vitosis apperance and high level of the cells with micronuclei. In addition, the hyperproliferative reaction has been observed that indicate the unforable state and can be used for forecast hematopoetic diseases.