THE LESSONS OF CHERNOBYL

25 YEARS LATER

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Clinical Immunological Disorders in Children from Various Observation Cohorts Subject to Radiation Factor at Various Oncogenesis Stages


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Abstract

The immune status disorders and features depending on the radiation impact type in various cohorts of radiation observations at long dates after the Chernobyl (CNPP) disaster and the possible role of these disorders in development of chronic somatic pathology in children are shown. Lymphocyte depletion, T-cell immunity component disorders in the form of cell contraction with CD3, CD4, CD8 markers and the B-cell immunity component disorders in the form of reducing the quantity of CD10, CD23 marker cells were observed in children subject to combined chronic irradiation by $^{131}$I, $^{137}$Cs, $^{90}$Sr radionuclides. The descendants of irradiated parents (the 1st generation;

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