

**PEROXIDATION PROCESSES IN BLOOD OF CHILDREN SUFFERED
AS A RESULT OF ChNPP ACCIDENT**

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By a method initiated chemiluminescence the peroxidation processes were investigated in blood of children, suffered as a result of ChNPP accident. It was established that the action of low-intensity ionizing radiation to the organism leads to an intensification of peroxidation processes in blood system in the remote terms after an irradiation. The maximal shift of prooxidant-antioxidant ratio was fixed within the children who were irradiated during the first days after ChNPP accident.