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MAJOR SCIENTIFIC TOPIC NUMBER (see page 7)

ABSTRACT (See instructions overleaf)**ESTIMATION OF THE HEALTH EFFECTS IN PERSONS WHO PARTICIPATED IN THE LIQUIDATION OF THE CONSEQUENCES OF CHERNOBYL NPP ACCIDENT**

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At present the most striking consequences in the health status are detected in persons who had suffered from acute radiation syndrome and those who had worked for a long period in the 30-km zone of the Chernobyl NPP. Chronic inflammatory pathology, ulcerous and erosive changes of gastro-intestinal tract, circulation consequences and arterial hypertension, diseases of the nervous system, atypical anemias, lymphadenopathias and fibrous changes of thyroid gland are characteristic.

Peculiarities of diseases are registered in the different organic pathology combinations, chronic progredient course, low effectiveness of usual treatment methods. It's supposed that genome instability induced by the complex of accident negative factors are the basis of these consequences as well as changes of cellular metabolism and autointoxication syndrome formation. Discirculatory, metabolic and immunity changes seemed to be of secondary origin.

Analysis of the existing pathology allowed to make the prognosis of the elevation of vascular and oncologic pathology frequency.