

INFLUENCE OF INTERFERON PREPARATIONS IN VITRO ON INTENSITY OF APOPTOSIS OF THE IMMUNE SYSTEM CELLS IN PATIENTS WITH LUNG TUBERCULOSIS

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Summary

Influence of interferon preparations on intensity of apoptotic and proliferation activity of lymphocytes, their count and the intensity of the neutrophilic granulocytes apoptosis was studied in patients with lung tuberculosis. It was determined that alpha-interferon strengthened the disturbances of functional and apoptotic activity of lymphocytes regardless of correlation of these two processes. Negative influence of alpha-interferon on the apoptotic activity of the neutrophilic granulocytes was found. Gamma-interferon in the majority of patients (96,0 %) normalized disturbances of the apoptotic activity of the neutrophilic granulocytes. This may be a reason for including it into the complex therapy of lung tuberculosis.