

THE DYNAMICS OF APOPTOSIS PARAMETERS IN CHILDREN WITH BRONCHIAL ASTHMA DURING THE COURSE OF SANATORIUM TREATMENT

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Summary

Several parameters (CD95, IL-2, IL-4), reflecting activity of apoptotic process, were studied in children with bronchial asthma (BA) during the course of sanatorium treatment. The received data suggest, that in children with intermittent and persisting moderate BA in a stage of remission the quantity of CD95 lymphocytes remained within normal limits, though the degree of reduction of their level in dynamics of sanatorium treatment achieved the level of significance. High level of IL-4 and low parameters of activity of IL-2 in children with BA, considered in a context of apoptosis activity, could be a compensation phenomenon, directed on equation of this biological process in the disease conditions.