

SPONTANEOUS PRODUCTION OF CYTOKINES AND LEUKOTRIENE B₄ BY PERIPHERAL BLOOD MONOCYTES/MACROPHAGES IN PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA

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Summary

34 patients with community-acquired pneumonia and 15 healthy persons were examined. We studied spontaneous production of some proinflammatory cytokines — interleukines -1 β , -6, -8 and leukotriene B₄ by peripheral blood monocytes. The levels of this proinflammatory cytokines and leukotriene in culture of monocytes/macrophages in patients with community-acquired pneumonia were increased. The high correlation between excretion of interleukines and leukotriene was observed.