

CLINICAL AND PATHOGENESIS ASPECTS OF FATTY ACIDS METABOLISM AND IMMUNE RESPONSE IN CHRONIC OBSTRUCTIVE BRONCHITIS AND ASTHMA

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Summary

As a result of activation of lipid peroxydation and transformation of n-6 fatty acids the metabolism of arachidonic acid varies in patients with asthma and chronic obstructive bronchitis. The metabolic conversion of fatty acids determine the functional activity of biological membranes of immunocompetent cells. The impaired immune response causes chronic course of a disease and appearance of both pulmonary and extrapulmonary complications.