

STATE OF FATTY ACIDS METABOLISM AND ULTRA-STRUCTURE OF CELLULAR MEMBRANES IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

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Summary

The data from 67 COPD patients, considering peculiarities of fatty acids metabolism disturbances on cellular membranes level, were presented in this article. We revealed fatty acids misbalance in membrane lipid complex and an increase of total content of unsaturated fatty acids which was due to lipid peroxidation process. We also revealed destructive changes on the level of cellular membranes due to fatty acids metabolism disturbances and their functional stability.