

THE INFLUENCE OF OMEGA-3 POLYUNSATURATED FATTY ACIDS IN VITRO ON ACTIVITY OF THE ENZYMES OF GLUTATION-DEPENDENT DETOXICATION SYSTEM

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Summary

We have studied influence of omega-3 polyunsaturated fatty acids in vitro on activity glutationperoxidase, glutationreductase, glutationtransferase, and the content of reduced, oxidated and total glutation in erythrocytes of healthy animals and animals with induced acute, chronic bronchitis and pneumofibrosis. Certain changes in enzymes of glutation-dependent system of erythrocytes, incubated with omega-3 polyunsaturated fatty acids, of healthy animals were detected. Same peculiarities in enzymes of glutation-dependent system of erythrocytes were observed in animals with experimental acute, chronic bronchitis and pneumofibrosis.