

# THE ROLE OF ENZYME IMMUNE ANALYSIS IN DIAGNOSTICS OF INFECTIOUS DUST DIS- EASES

*L.L. Filipchenko, O.N. Sidorenko,  
M.G. Kovalchuk, S.V. Votinov,  
I.V. Tonkopryad, T.N. Alyokhina*

## *Summary*

In order to comprehend a role of tuberculosis infection in pathogenesis of dust bronchitis it is necessary to determine a level of antimycobacterial antibodies using enzyme immune analysis.

The high levels of serum antimycobacterial antibodies were revealed in 59 patients with diagnosis of either dust bronchitis, or latent silicotuberculosis, or manifested silicotuberculosis (3 groups) in comparison with control group (18 healthy people). This fact allows to establish a relationship between the most cases of "dust bronchitis" and a silicotuberculosis.