

# GENETIC BLOOD MARKERS AND IMMUNOLOGICAL REACTIVITY IN CHRONIC DUST BRONCHITIS

*V.M. Kulyas, O.A. Trunova, V.V. Muchin,  
V.A. Reshetyuk*

## *Summary*

Three systems of hereditary polymorphism were studied. An examination of the immune status of coal miners of Donbass region with chronic dust bronchitis (120 patients) and practically healthy coal miners (80 persons) was carried out.

The results of the study allowed using the data of immunity-genetic status in occupational selection at the dust-hazardous enterprises. Simplicity of the most markers determination in occupational selection allowed to apply them for the distinguishing the chronic dust bronchitis risk groups and to fulfil well-grounded preventive medical and social measures, aimed on prevention of respiratory diseases.