

**DYNAMICS ACTIVITY OF NITRIC OXIDE IN
PATIENTS WITH NEWLY DIAGNOSED PULMONARY
TUBERCULOSIS UNDER THE INFLUENCE OF STAN-
DARD CHEMOTHERAPY**

M. M. Kuzhko, D. O. Butov,

G. L. Stepanenko, I. N. Kuznetsova

Summary. In serum of 150 patients with newly diagnosed pulmonary tuberculosis revealed some increase in precursors and metabolites of nitric oxide (NO) - synthase inducible NO (iNOS) in neutrophils, nitrites and nitrates, compared with 30 practically healthy donors (donor blood). Standard antimicrobial therapy, in Continue two months, provides a reduction of NO metabolites and iNOS in the neutrophils of blood in connection with the quantitative reduction of populations of MBT in patients with newly diagnosed pulmonary tuberculosis.

Key words: *tuberculosis, nitric oxide, metabolites of nitric oxide, synthase inducible nitric oxide, treatment of tuberculosis.*