

FUNCTIONAL STATE OF LUNG MACROPHAGES IN EXPERIMENTAL ANIMALS AFTER THE USE OF A COMMON HYPERTHERMIA

Andrey Victorovich SAMSONOV, Natalia Vladimirovna DOLOTINA

*Novosibirsk State Medical University of Roszdrav
630091, Novosibirsk, Krasnyi av., 52*

The determination of the phagocytic activity and biocycle capacity of pulmonary macrophages in 60 male rats Wistar, which had been previously subjected once to general hyperthermia, has been conducted in the present study. The increase in biocycle and phagocytic activity of macrophages has been observed.

Keywords: hyperthermia, macrophages, phagocytic activity, biocycle activity, bronchoalveolar lavage fluid.

Samsonov A.V. — postgraduate student of the chair for physiopathology and clinical physiopathology,
e-mail: andrey-samsonov@mail.ru

Dolotina N.V. — postgraduate student of the chair for physiopathology and clinical physiopathology,
e-mail: n.dolotina@mail.ru