



Ishutina N.A.

Structure of phosphatidilcholine and lisophosphatidilcholine fat acids of the erythrocytes membranes in the pregnant with the aggravation of the herpes - virus infection in the III trimester

The paper presents the study of the composition of erythrocytes membranes lipids of saturated fatty acids of the umbilical cord of newborns from mothers who have had gestational exacerbation of herpes viral infection. It was revealed that the studied composition of those born from mothers who have had acute herpes virus infection with antibody titer IgG to herpes simplex virus type 1 as 1:12800, was characterized by an increase in the concentration of myristic, pentadecanoic, palmitic, margaric and stearic fatty acids.

Keywords: herpes virus infection, umbilical cord blood, saturated fatty acids.

1. Ailamazyan E.K. Effect of exogenous phospholipids on lipid metabolism in women with late toxicosis and their newborns / E.K. Ailamazyan // Akush. i ginek.- 1983. - № 8. - P. 56-58.
2. Changing of the membrane microviscosity of lymphocytes and erythrocytes in cancer patients / I.A. Gorshinskaya, L.Y. Glotina, E.I. Gorlo [et al.] // Vopr. Med. Khimii. - 1999. –V. 45, № 1. - P. 53-57.
3. Ishutina N.A. The content of some saturated fatty acids in the erythrocytes membranes in women with acute herpes virus infection / N.A. Ishutina // Bull. Physiol. I patol. dukhania. - 2010. - Issue. 35. - P. 30-32.
4. Ishutina N.A. The fatty acid composition of lipids in the placenta of women who have had herpes viral infection exacerbation during pregnancy /N.A Ishutina // Fundam. isledovania. - 2012. - № 7 (2). - P. 334-337.

Contacts:

Ishutina Natalia A., Ph.D., senior researcher at the Laboratory of mechanisms and pathogenesis of respiratory system recovery processes, Far Eastern Scientific Center of Physiology and Pathology of Respiration, Siberian Branch of RAMS

675000, Blagoveshchensk City, Kalinina Str., 22

Work phone (4162) 525957, cell phone 8914 554 9764, e-mail: ishutina-na@mail.ru