

Sepsis and apoptosis

Khaertynov K., Anokhin V., Boichuk S., Rizvanov A.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The article provides an overview of the current knowledge about the immune response in sepsis. Sepsis occurs on a background of development as a systemic inflammatory response, and immunosuppression phenomena. Dysfunction of the immune system is one of the most important parts of the pathophysiology and compulsory process. One of the immunosuppression mechanisms in sepsis is lymphocyte apoptosis. The article describes the main activation pathway of this process including those in neonatal sepsis.

Keywords

Lymphocyte apoptosis, Sepsis