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MODERN VIEWS ON THE ROLE OF THE IMMUNE SYSTEM IN THE DEVELOPMENT OF PREECLAMPSIA (OVERVIEW)

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ABSTRACT

Hypertensive disorders during pregnancy are associated with high maternal and perinatal mortality, so it is very important for obstetricians to recognize severe cases with poor prognosis in time. One of the pathogenesis of preeclampsia is an increase in TNF-alpha and IL-6 levels. In this regard, the researchers wanted to know the expression level of TNF-alpha and interleukin-6 in pregnant women with preeclampsia. In preeclampsia, in contrast to normal pregnancy, the cytokine profile changes - there are higher concentrations of IFN- γ , TNF- α , IL-6, IL-1 β , IL-8 and IL-16, and lower concentrations of IL-10. Although the final pathogenesis of this pathology remains to be determined, on the basis of this it will be possible to develop an adequate therapy algorithm to save the life of the mother and child.

KEYWORDS: *Preeclampsia, Interleukin, Pregnancy, Immunology.*

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