

THE ROLE OF IMMUNE REACTIONS IN HOMEOSTASIS AND LIVER PATHOLOGY

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Metabolic reactions and processes of tissue regeneration in a healthy liver proceed with the involvement of components of inflammation. The liver's immune system in a complex microenvironment must be tolerant of non-toxic substances and at the same time respond to quickly to antigens of infectious and non-infectious genesis. Dysregulation of immune mechanisms leads to pathological inflammation and dysregulation tissue homeostasis of the organ, characterized by the progressive development of fibrosis and the formation of liver failure. The review focuses on the role of inflammatory reactions in maintaining normal liver homeostasis and in the formation of pathology.

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