

MICROSCOPIC LESIONS OF TOXOPLASMOSIS IN RABBITS

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Summary. Histological tests revealed the most frequent lesions in the tissue of toxoplasmotic rabbits such as subacute interstitial pneumonia, micronecrotic degeneration of hepatocytes and moderate inflammatory reaction in the liver, necrobiosis of the red pulp in the spleen, necrotic areas in the lymph nodes (mainly in the cortex), depletion of lymphocytes in the follicles, inflammatory reaction, swelling and necrosis of brain vessel endothelial cells as well as areas of necrobiosis of the brain tissue. Foci of necrosis and mononuclear cell infiltration were found in the skeletal and heart muscles. Apart from these changes the infiltration of numerous eosinophils was evident in all parenchymae organs, especially in the lungs and the lymph nodes.

Keywords: toxoplasmosis in rabbit, microscopic lesions, latent form, interstitial pneumonia, eosinophilia, granuloma, degeneration.