

LYMPHANGIAL SEGMENT ULTRASTRUCTURE AND SPONTANEOUS CONTRACTIONS

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Summary. Studies have shown that hog gastric and intestinal lymphangial endotelocyte margins have micro and macro pinocytosal vesicles, glycogen and lipid granules. Specific proteins in lymph nodes can be used for antibody synthesis.

Myocytes, with large amounts of mitochondrions can perform a pacemaker function. The following myo-myocytal contracts were found: cell-cell cell-projection and projection-projection. Isolated lymphangial segments show spasms, spontaneous contractions. Hog intestinal lymphatic trunk segments, on the average, contract 4-6 times per minute. The contractile activity is strengthened by activating the alpha-adrenergical structure. Activating via the beta-adrenergical structure a depressor effect is achieved. The possibility arises to activate lymph vessel motor function with pharmacological preparations.