

Micro-injection of trypsin into axons of squid

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RECENT work appears to show that phospholipids play a fundamental part in membrane physiology^{1,2}. The participation of protein has been thought by some to be more doubtful since external application of proteases seems not to interfere with electrical function of squid, lobster or frog axons³⁻⁵. However, it should be recalled that externally applied protease does produce injury potentials in muscle⁴. Attempts to demonstrate that protease had entered squid axons without producing changes in electrophysiological properties may have been in error even though the controls at the time seemed appropriate³. © 1963 Nature Publishing Group.