

PHYSIOLOGY OF Muscle Contraction.

Central Nervous System (C.N.S).



Send signal through Motor Neuron.

[DEPTH OF BIOLOGY]

Neuromuscular Jn.



After stimulation it release ACTH

ACT/ACTH (Travel to Synaptic Cleft).



Generate A^oP in Sarcolemma.



Property of Contro.
↑

Transverse

From, Sarcolemma, Impulse spread to the T-tubules.

Now,

this tubule with the Help of Dystrophin [Protein].

[DEPTH OF BIOLOGY]



Relay the Impulse to the Sarcoplasmic Reticulum.



Sarcoplasmic Reticulum release Ca⁺².

[DEPTH OF BIOLOGY]

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Intracellular Ca^{+2} ion Concn. ↑/se.

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Troponin Join with Ca^{+2} .

[DEPTH OF BIOLOGY]

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Leads to Muscle Contraction.