

75 HARD CHALLENGE TEST SERIES

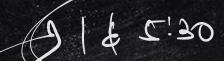


- Breathing & Exchange of Gases
- Body Fluids & Circulation
- Excretory Products & their elimination

Cate: 5th Nov

Time: 12PM





All bocomotion are type of movements but all movements and not bocomotion LOCOMOTION. Movem eut and Moving at a Same place Displace ment · Muscular Syctem Types of Movements Amor boid Movement WAC and Macrophage · Ciliary | Flegellar Movement The Courd System. -LININGU of fallopian tube -Trackea David Bronchi - ventricles of brain. - Sperm

SKELETAL MUSCLER PM -> Carblemma Mitachoudaig -> Squosom ER - Sarcoplasmic reticulary Muscle · Fesciculi s Muscle fibre fasciculi > Perimy livy Muscle Call fibre -> Muscle fibre Myofilament

Sarlower = 1 A-land SARCOMERE MOCIN SARCOMERE +2XL (I-Bard) ACTIN la olomere = 1-A + 1-P (Dark) A-Band-Anicotoppe (Light P-Bard- Plotopic 1 H- Zow- Hensens Zow. 0- Zom - Overlapping I-Band P. Band 1 Twick filament currounded by 6 thin filament.

Myoriu Portein -> THICK filament Monomer -> Mesomyolin. 6 boly peptide chain HEXAMER Active binding Site Head- 4 6 byan LIMM- Light Meromybein.
TAIL-fibrous

Fibrous Globular G-Actin This filament - ACTIN -TROPONIN - TROPOMYOSIN

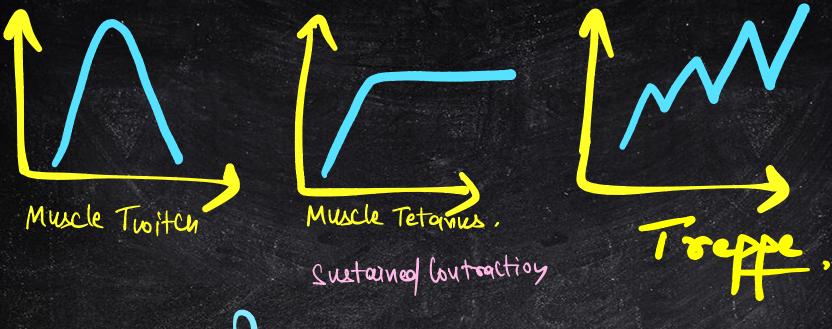
This filament Thick likamout soutoactile Brotein.

Regulatory Broteins. - ACTIN MYOCIN -TROPONIN - TROPOMYOSIN

SYSTEM => Caroloplasmic Retrentum SARCO-TUBULAR Store Hound Motor Neuron NMJ - Neuro MULLU 03 Junctio Cartoplasmic Co Referming - Conformational change - deviate Troponine trajomyosiy MMOSKing & Myseing Binding Site of Activ

filament. Cliding theory ATP by Huxley CROSS BRIDGE ATP Stooke During Contraction Alamout clides Thiy terick filament

- Minimum strength of etimulus which course Contraction Threshold Stimulus All or none buenomena of threshold stimulus is applied -> puplete Contraction & Strmules (Threshold -) No Contraction Applicable to Muscle Gell Hibre not Muscle



MUSCLE RESPONSE

Types of Ckeletal Mucle -No Myogloby - High Myoglobin Low no of Mitachondria - Albuvaant Mitochondria - SR- less - Mose fast to ctart - slow to start - Lactic Acid does not -LA accumulate. Accumulate - do not fatigu Latigue easily casiy eg-back Much Muscle of eye - flight Muscle Sprinter - Maruthon