

B	I	N	G	O
Tropomyosin	ATP	A motor neuron and all skeletal muscle fibers it stimulates	Due to spine reflexes makes muscles ready to respond to stimuli	Release of calcium from Terminal Cisternae
Muscle used most of its energy can't contract	Chemical Synapse	T-tubules	Neuromuscular Junction	T-tubules
Actin	Increased overlapping of contractile filaments	FREE	Calcium	Ionic disturbances interfering with calcium release
Sarcomere	Mitochondria	Receptors on Sarcolemma	Sarcoplasmic reticulum	Energize the Myosin heads
Elasticity	Myoglobin	Binds to Troponin	Myosin	Acetylcholine

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T-tubules	Binds to Troponin	Sarcomere	Increased overlapping of contractile filaments	Actin
Ionic disturbances interfering with calcium release	T-tubules	ATP	Tropomyosin	Neuromuscular Junction
Release of calcium from Terminal Cisternae	Myoglobin	FREE	Acetylcholine	Myosin
Chemical Synapse	Due to spine reflexes makes muscles ready to respond to stimuli	Peristalsis	Troponin	Sarcomere
Calcium	Receptors on Sarcolemma	A motor neuron and all skeletal muscle fibers it stimulates	Muscle used most of its energy can't contract	Thermogenesis

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Binds to Troponin	oxygen debt/recovery period	Troponin	Chemical Synapse	Acetylcholine
Sarcomere	Neuromuscular Junction	Crossbridge attachments	ATP	Tropomyosin
Muscle used most of its energy can't contract	Calcium	FREE	Release of calcium from Terminal Cisternae	Ionic disturbances interfering with calcium release
Due to spine reflexes makes muscles ready to respond to stimuli	Myosin	Increased overlapping of contractile filaments	Elasticity	Receptors on Sarcolemma
Thermogenesis	Contractility	Sarcomere	Mitochondria	A motor neuron and all skeletal muscle fibers it stimulates