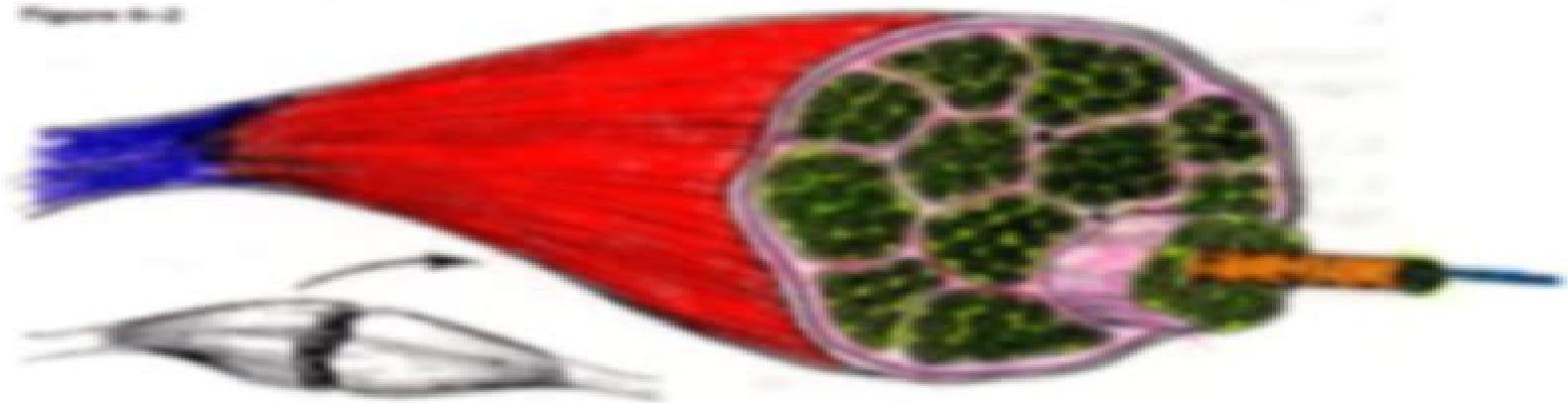


MICROSCOPIC ANATOMY OF SKELETAL MUSCLE

4. Identify the structures in Column B by matching them with the descriptions in Column A. Enter the correct letter next to each of items 1 through 10. Write them within a different color box next to the name in Column B that has a color-matching circle next to the structure in Figure 6-2.

	Column A	Column B
_____ 1	1. Connective tissue surrounding a bundle of muscle fibers	A. Endomysium ●
_____ 2	2. Connective tissue covering the entire muscle	B. Epimysium ●
_____ 3	3. Connective web of muscle fibers	C. Fascicle ●
_____ 4	4. A muscle cell	D. Fiber ●
_____ 5	5. Thin connective tissue enclosing each muscle cell	E. Myofibril ●
_____ 6	6. Plasma membrane of the muscle cell	F. Sarcolemma ●
_____ 7	7. A long, striated organelle found within muscle cells that has a branched appearance	G. T-tubule ●
_____ 8	8. Actin or myosin-containing structure	
_____ 9	9. Cellular extension of connective tissue beyond the muscle, serving as attachment to the bone	
_____ 10	10. A slender bundle of muscle cells	

Figure 6-2



Skeletal Muscle Physiology Computer Simulation Answers

S Marginson



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