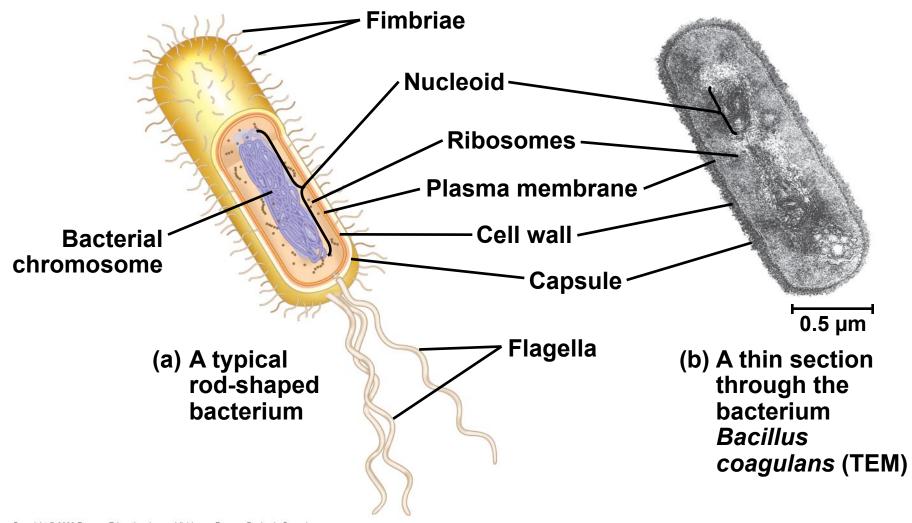
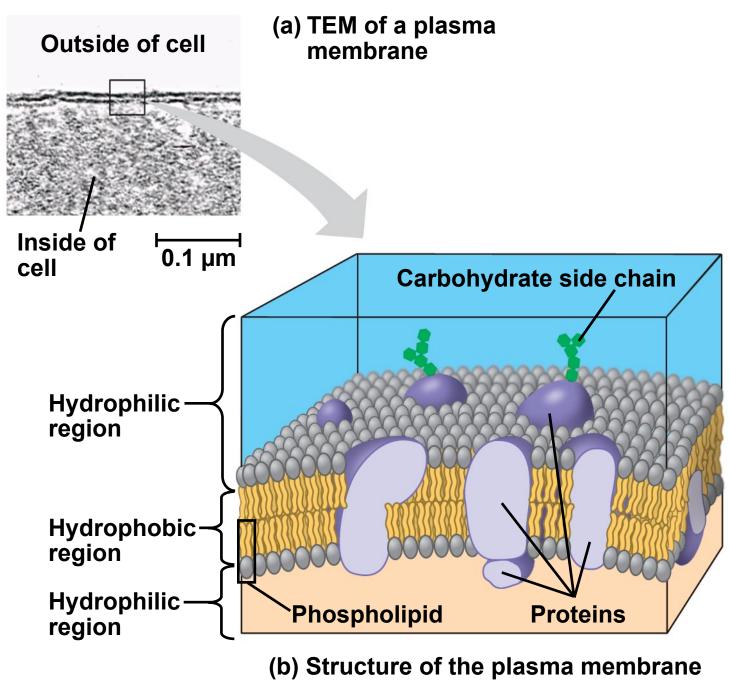


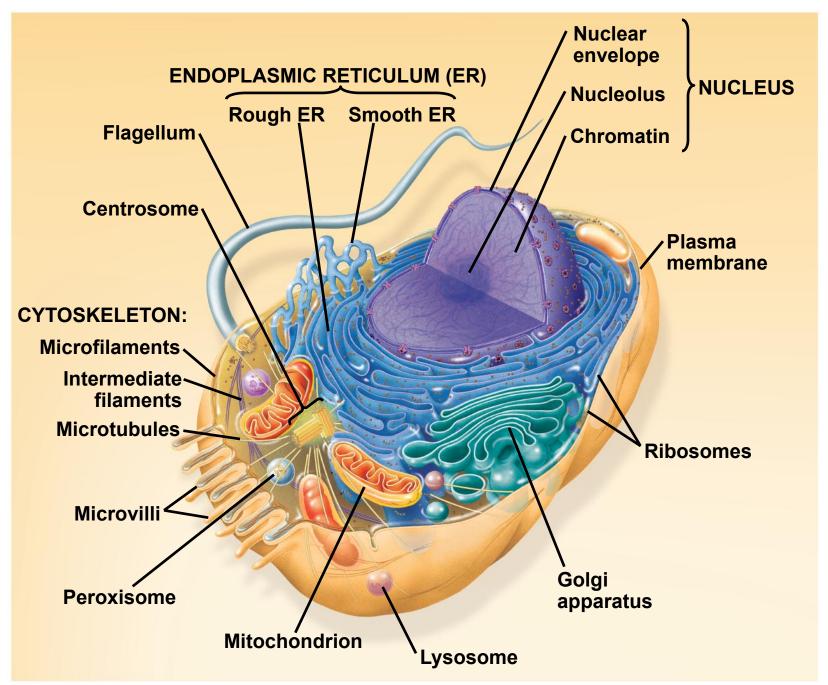
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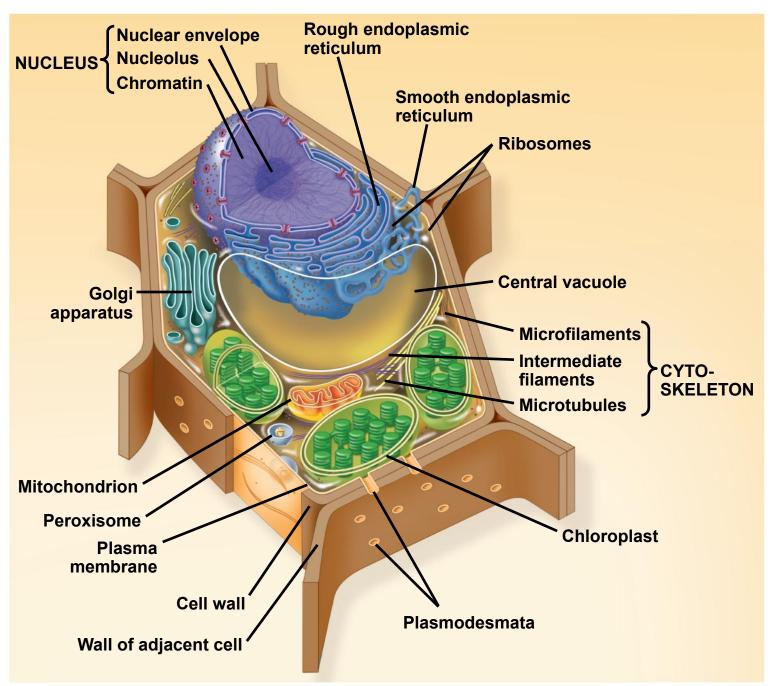


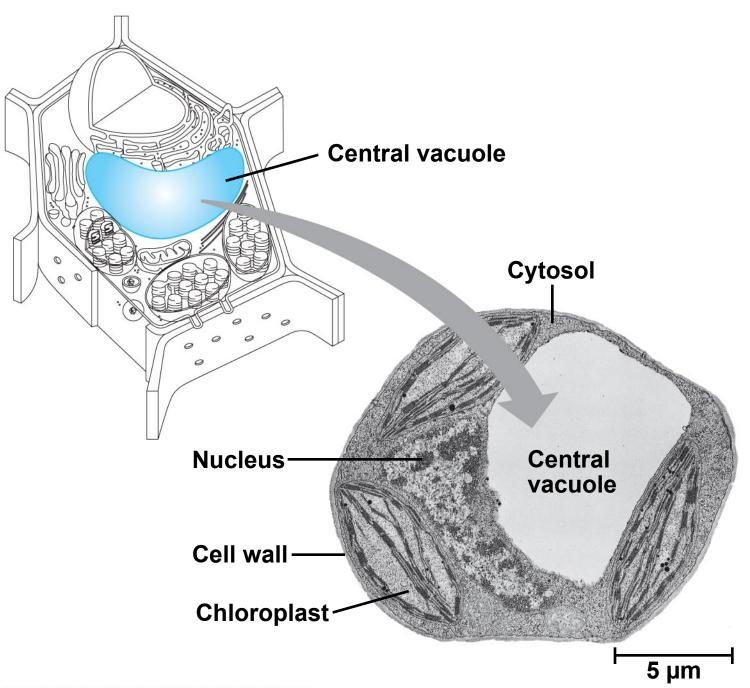


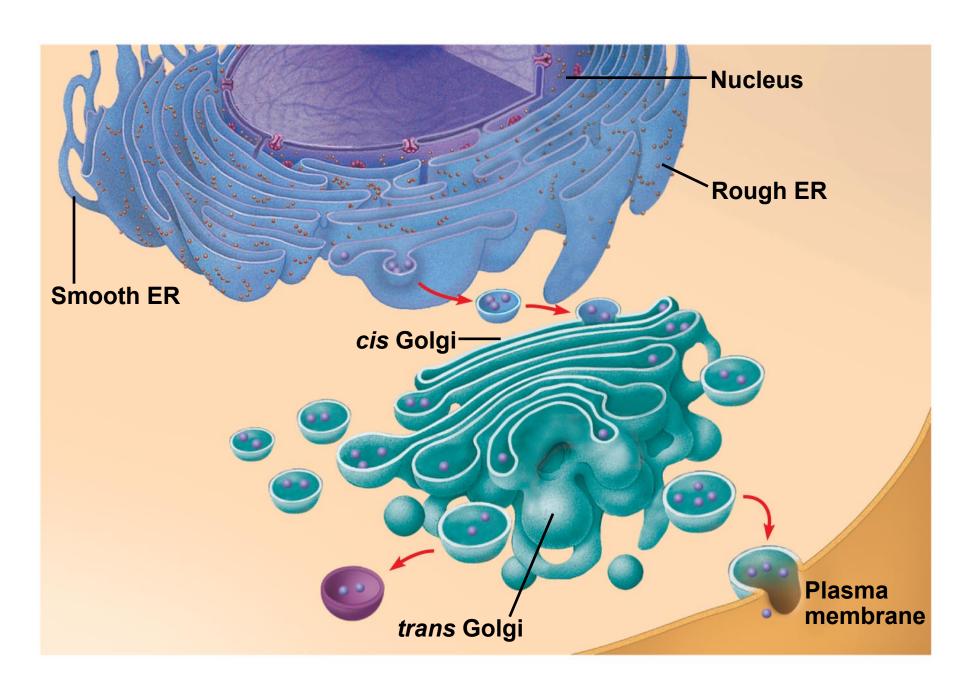
Surface area increases while total volume remains constant

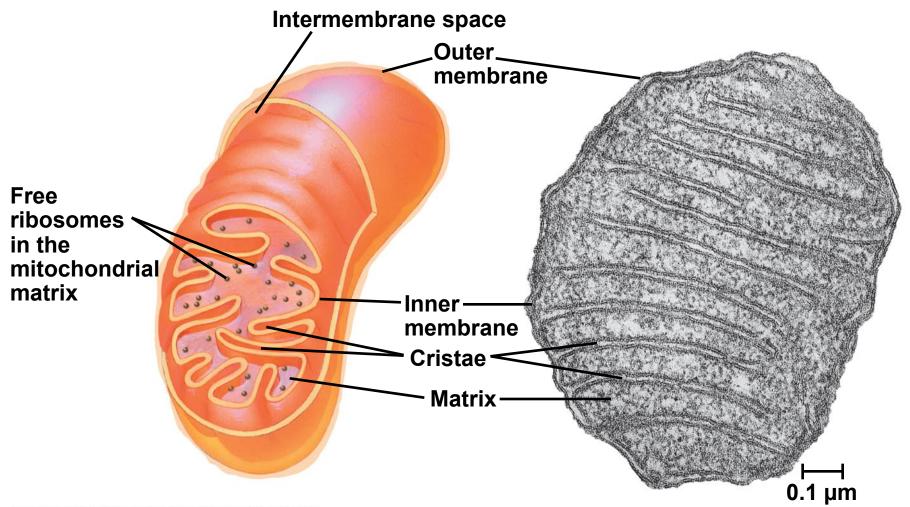
	1		1
Total surface area [Sum of the surface areas (height × width) of all boxes sides × number of boxes]	6	150	750
Total volume [height × width × length × number of boxes]	1	125	125
Surface-to-volume (S-to-V) ratio [surface area ÷ volume]	6	1.2	6



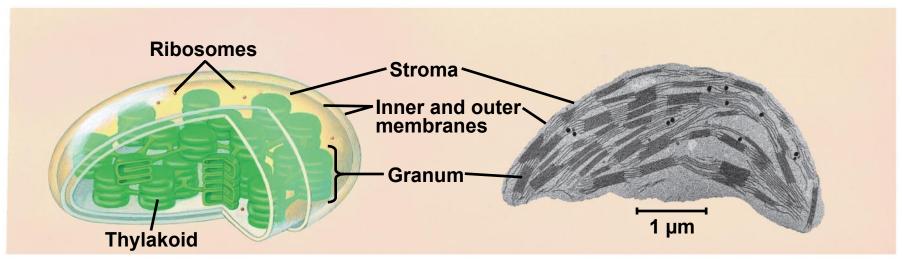




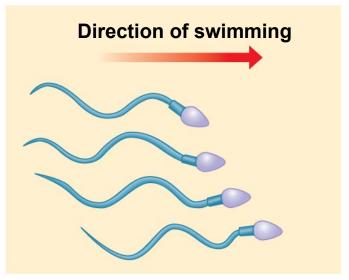




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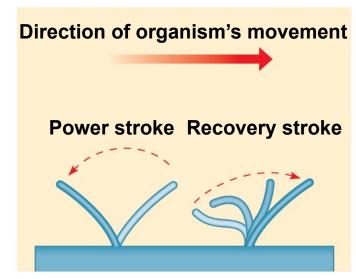


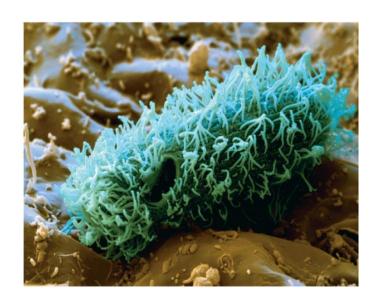
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(a) Motion of flagella

5 μm





(b) Motion of cilia

15 µm