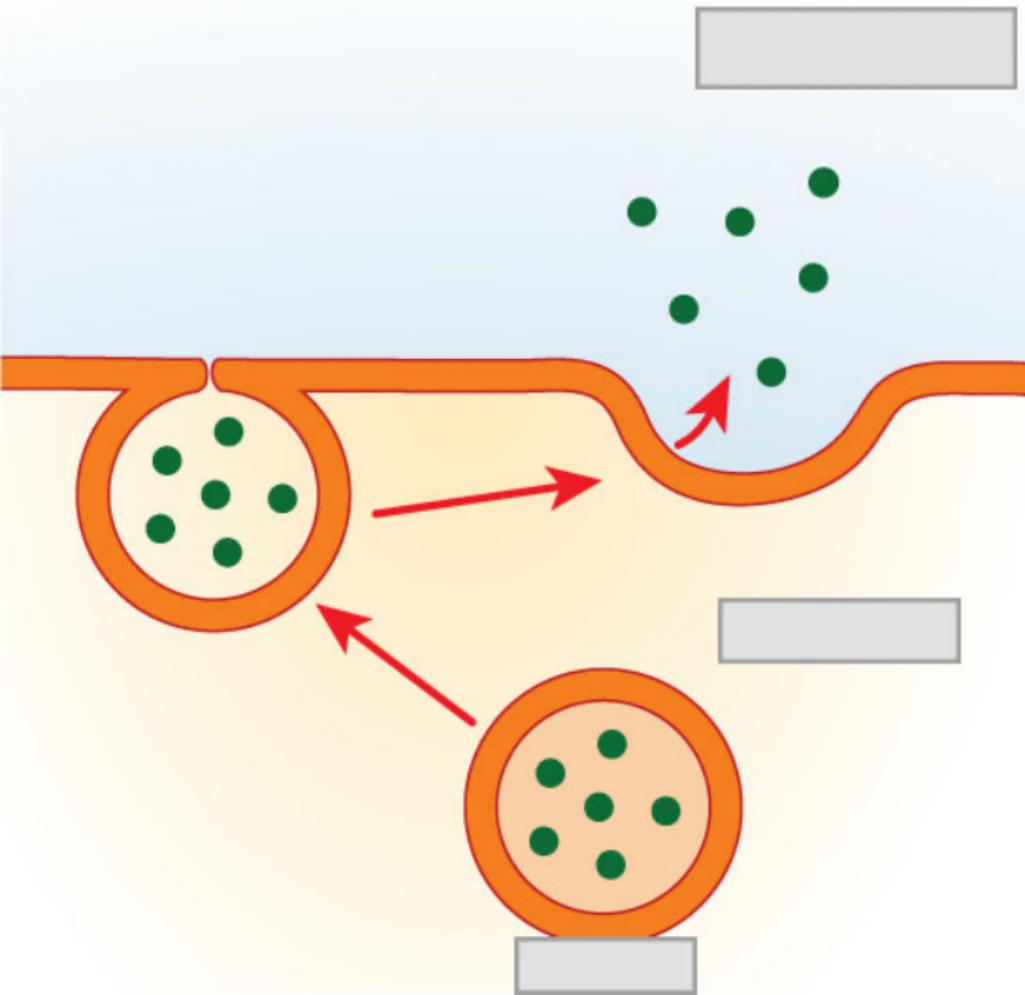
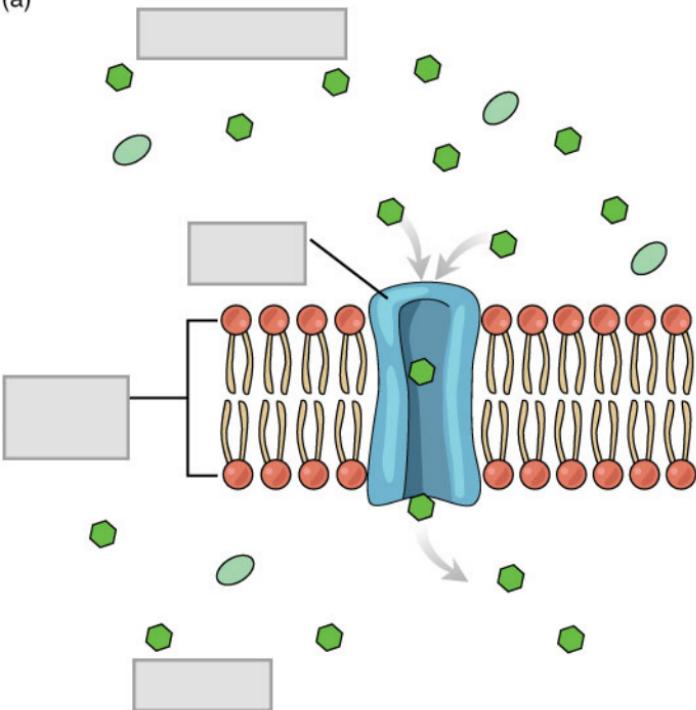


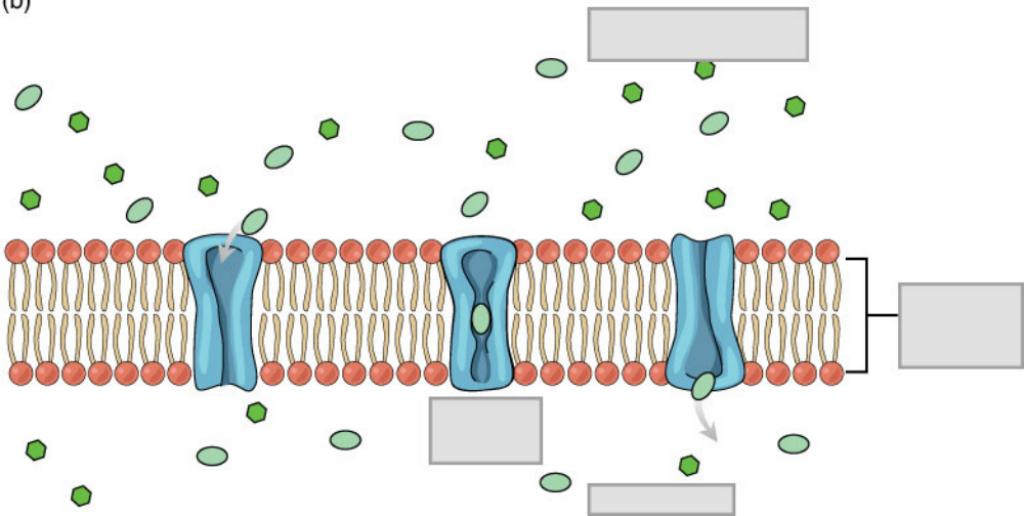
# Exocytosis

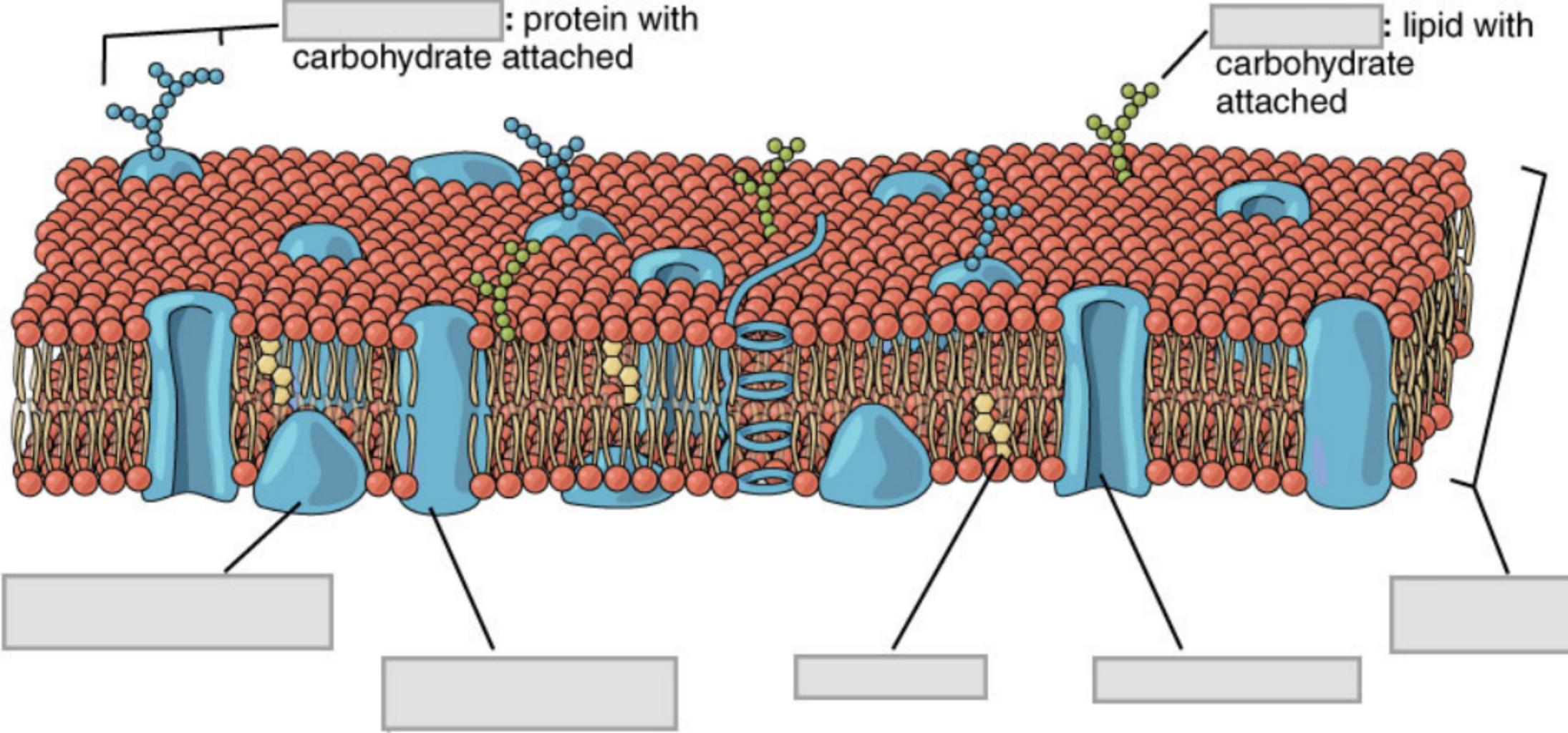


(a)

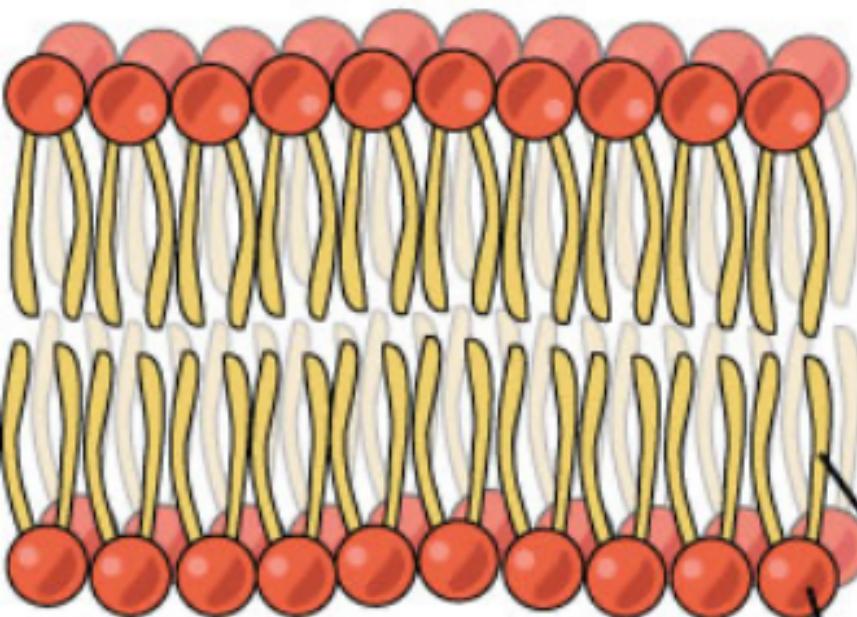


(b)





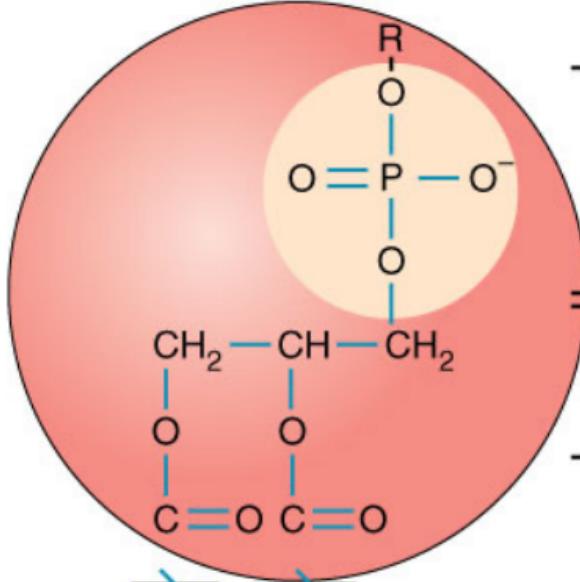
Extracellular



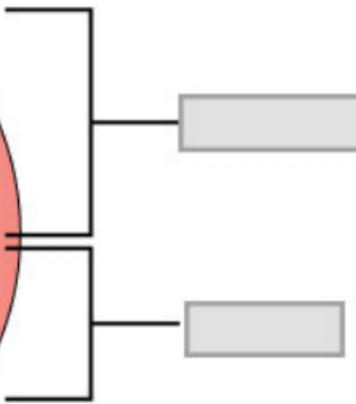
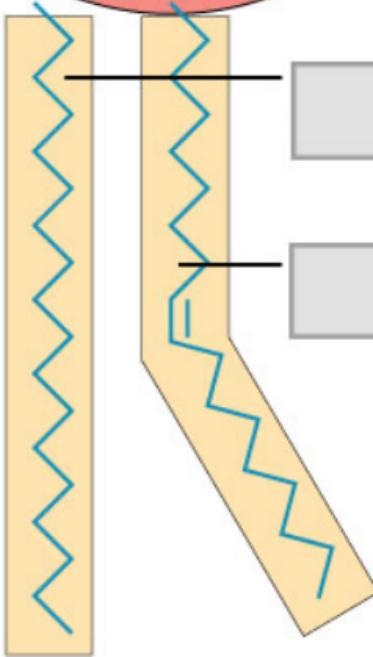
Intracellular

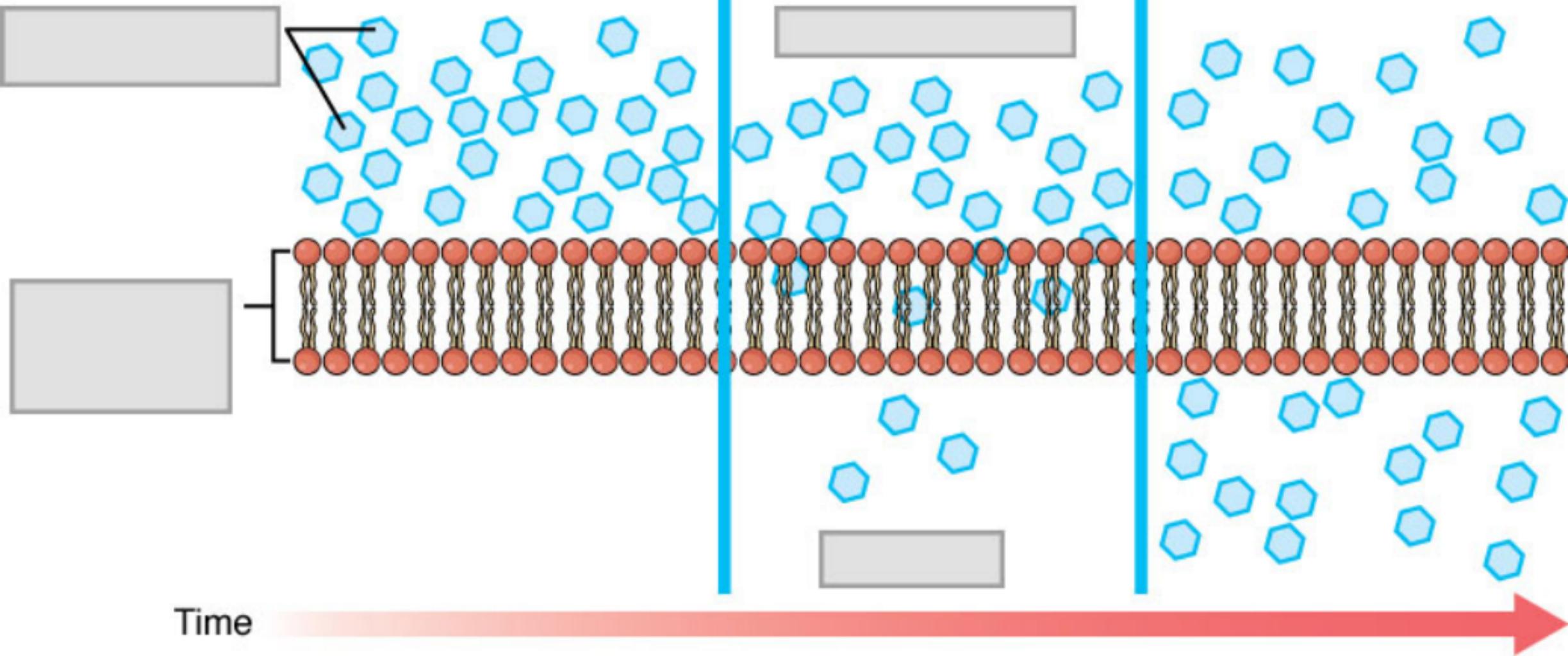


Hydrophilic head

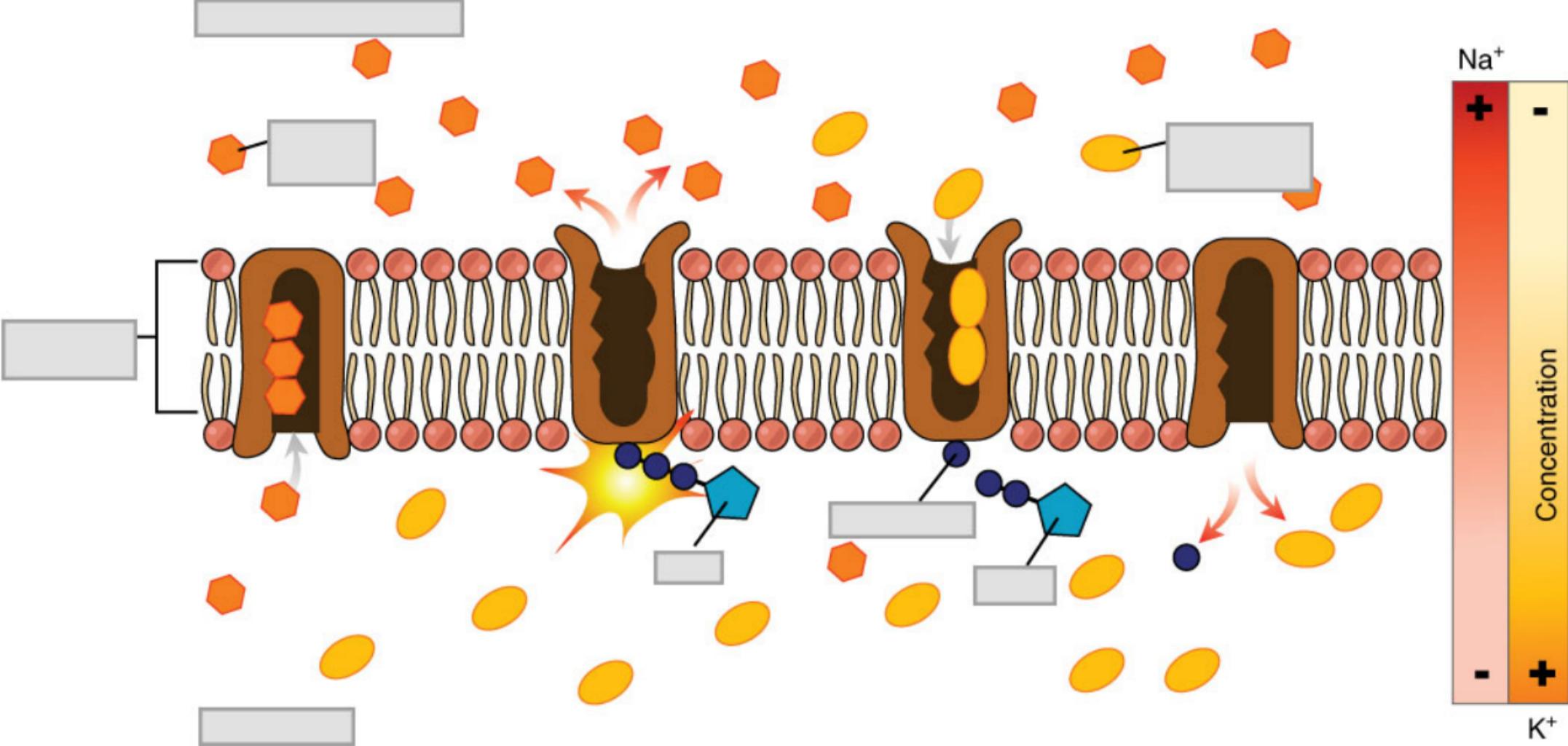


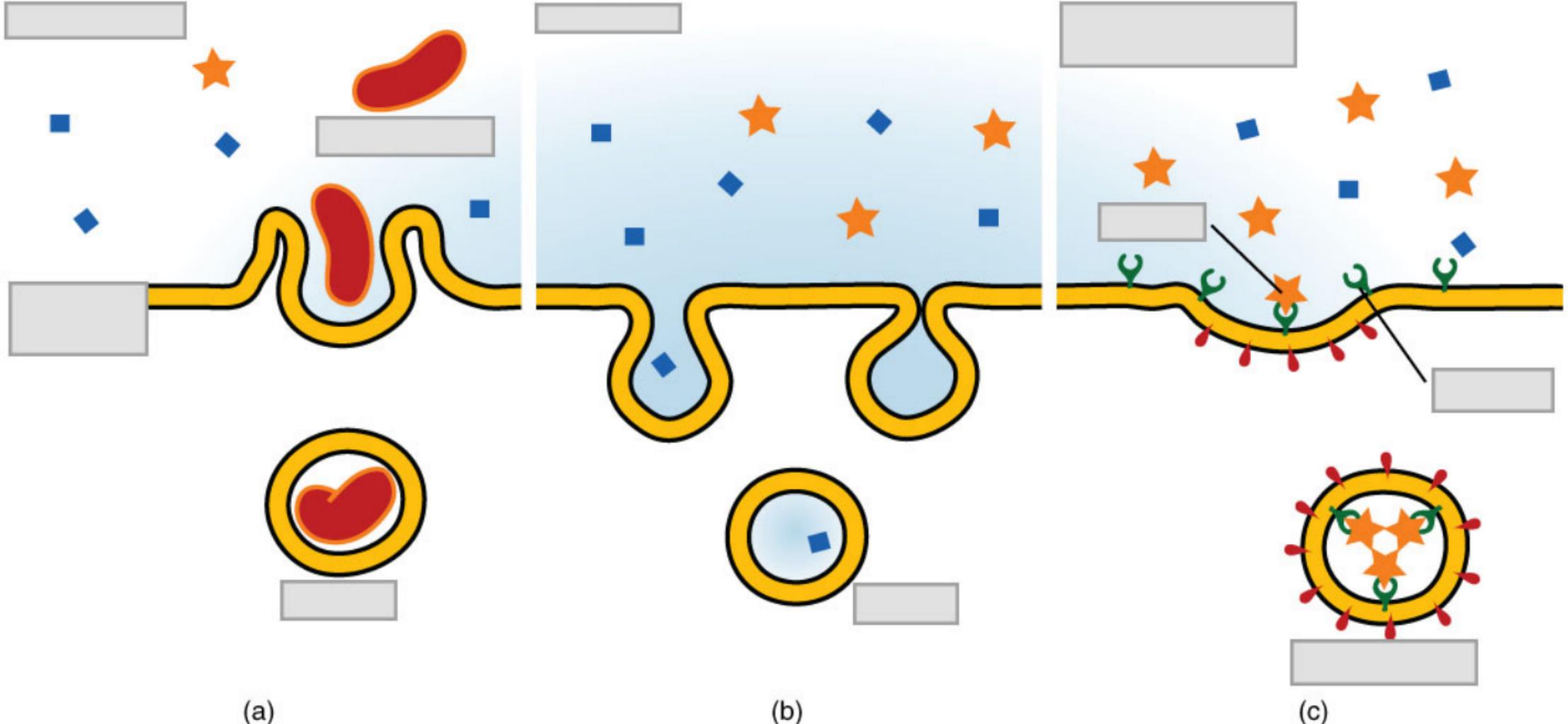
Hydrophobic tails

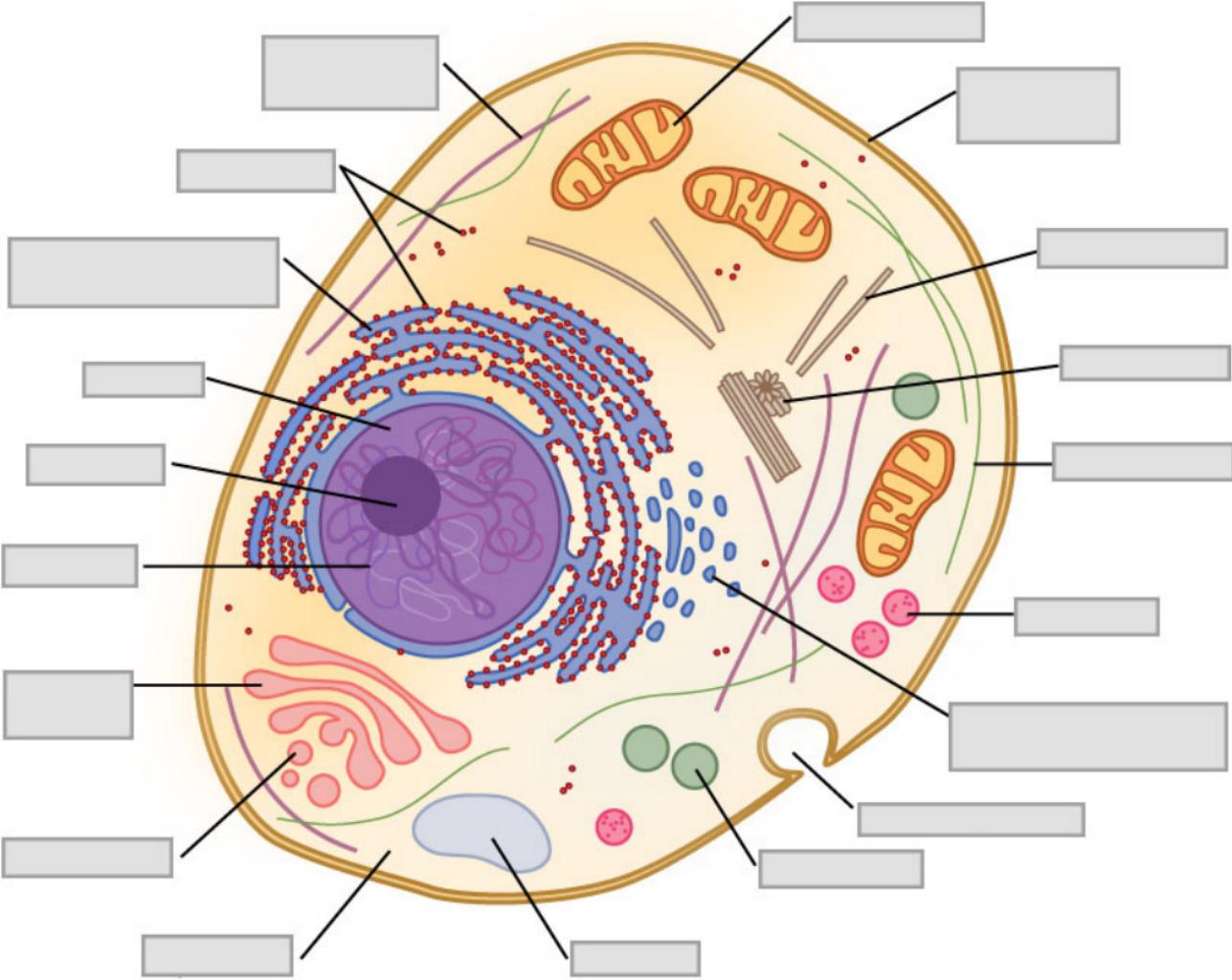


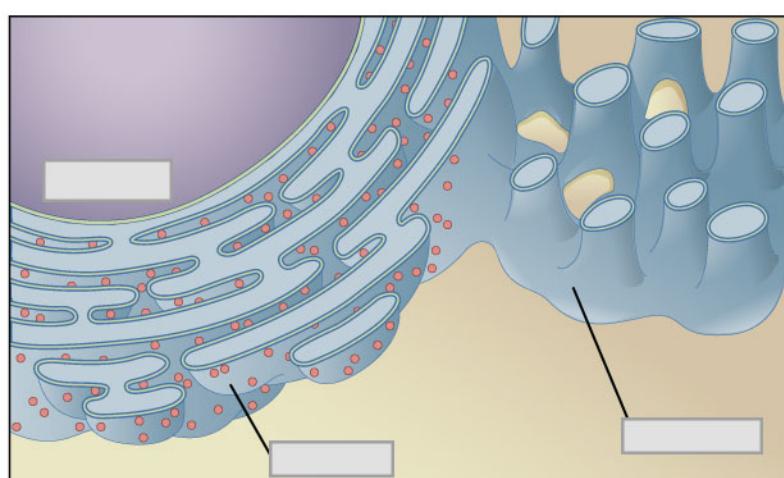


Time

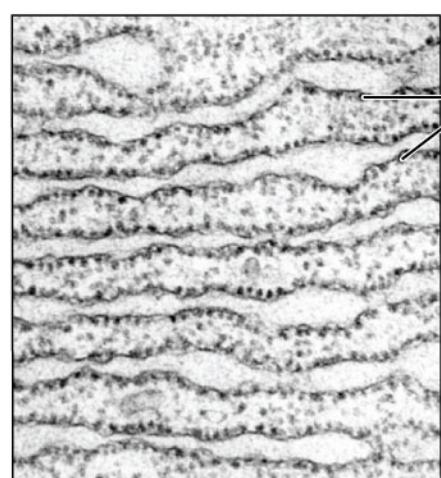




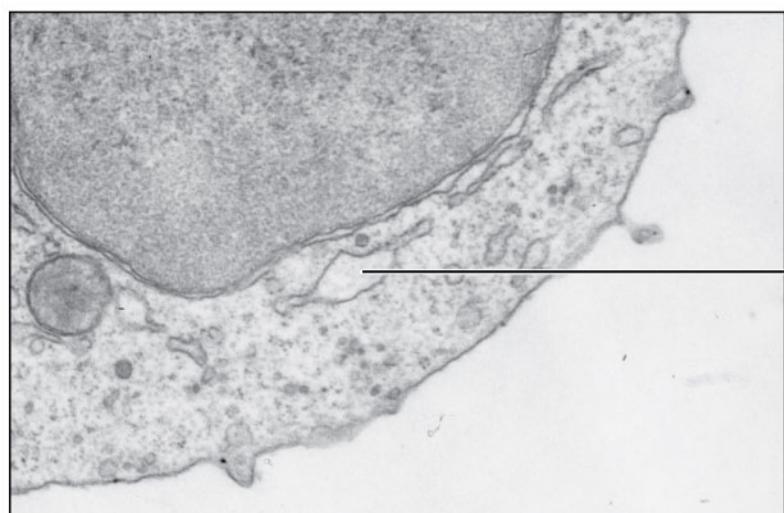




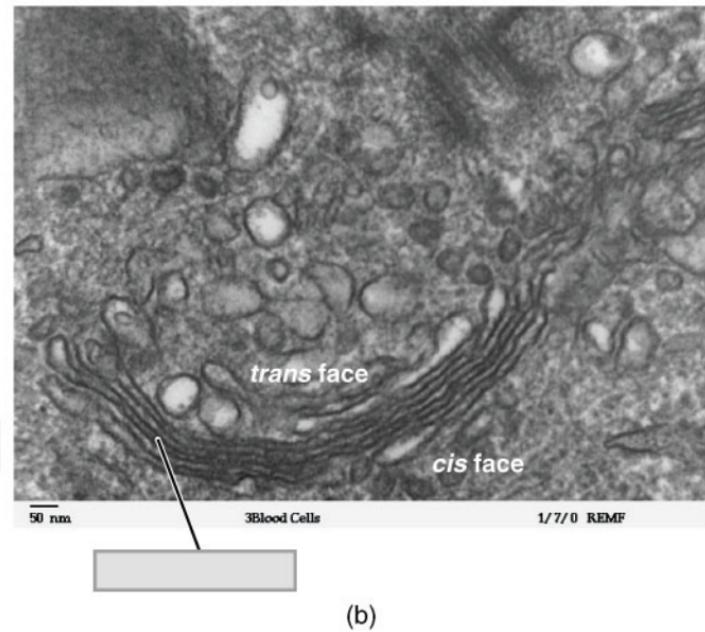
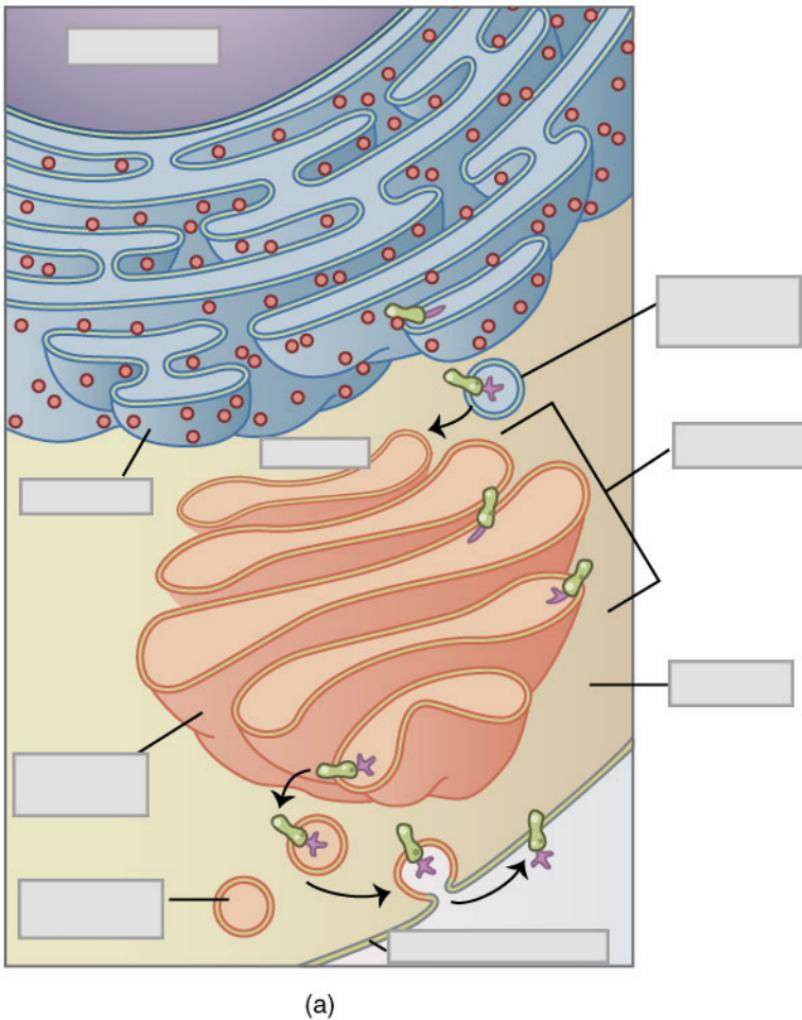
(a)

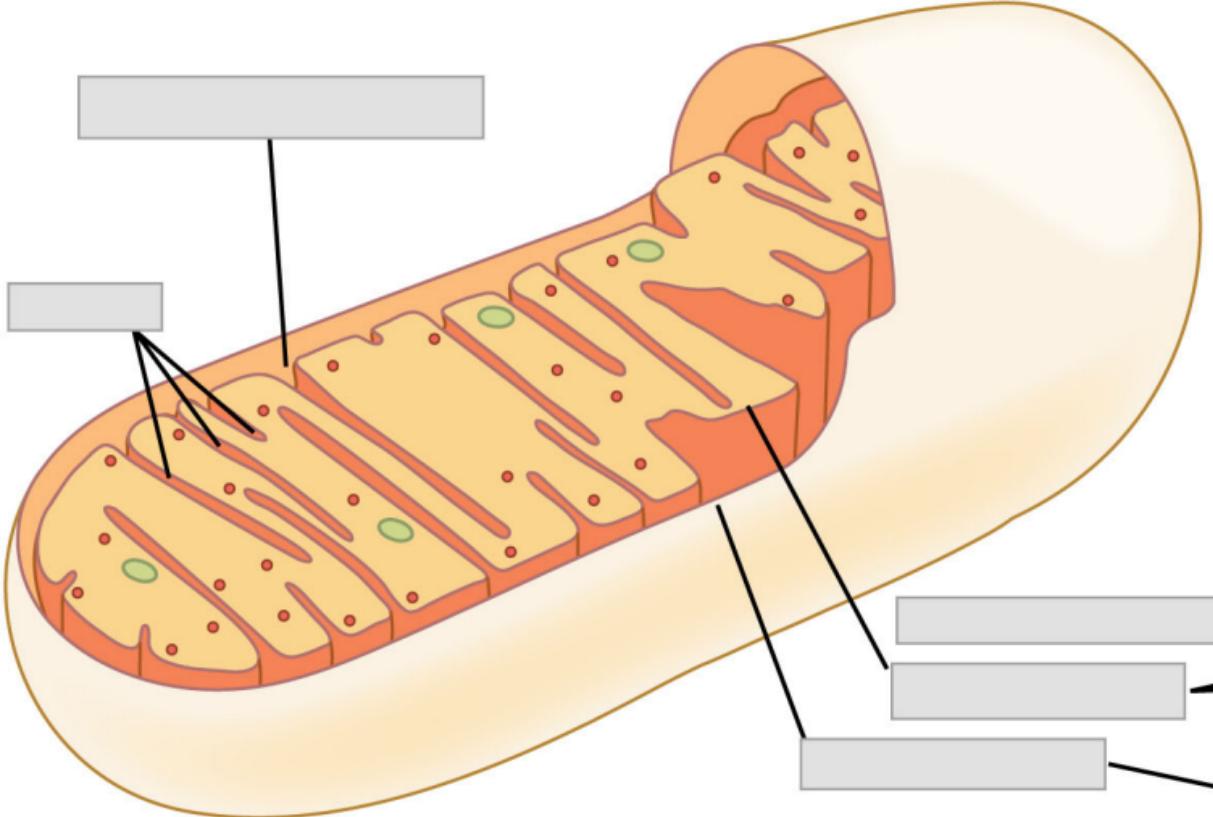


(b)

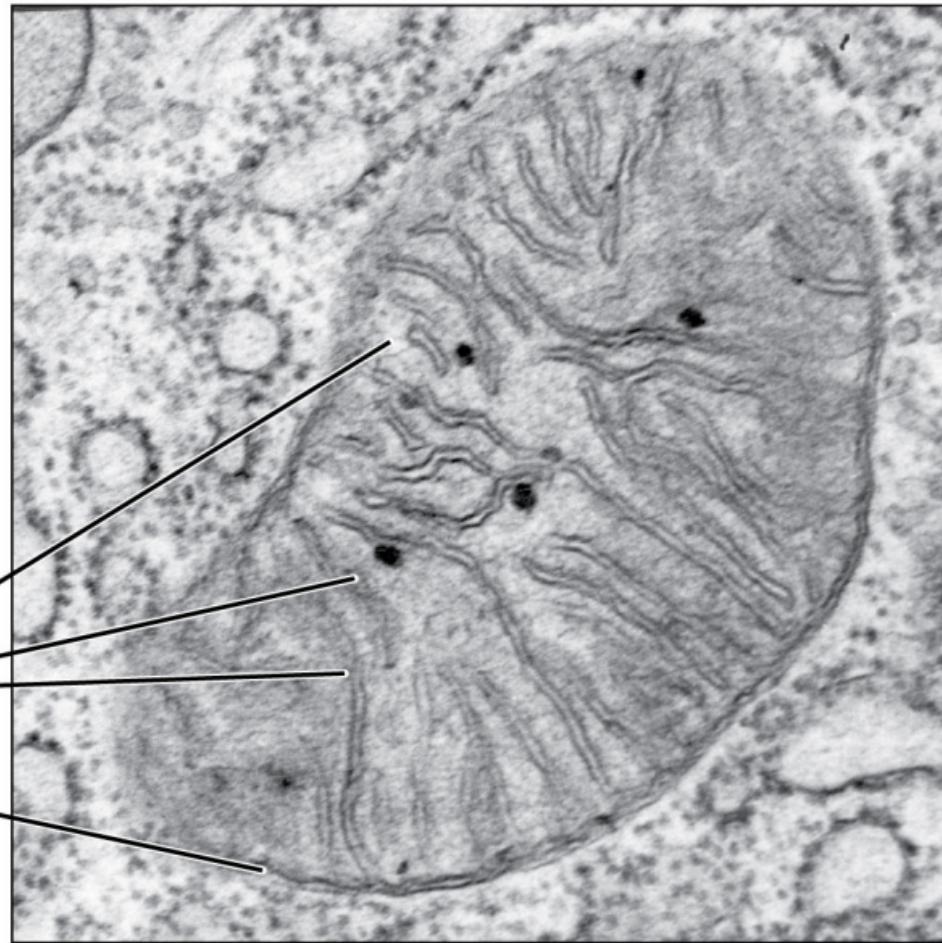


(c)

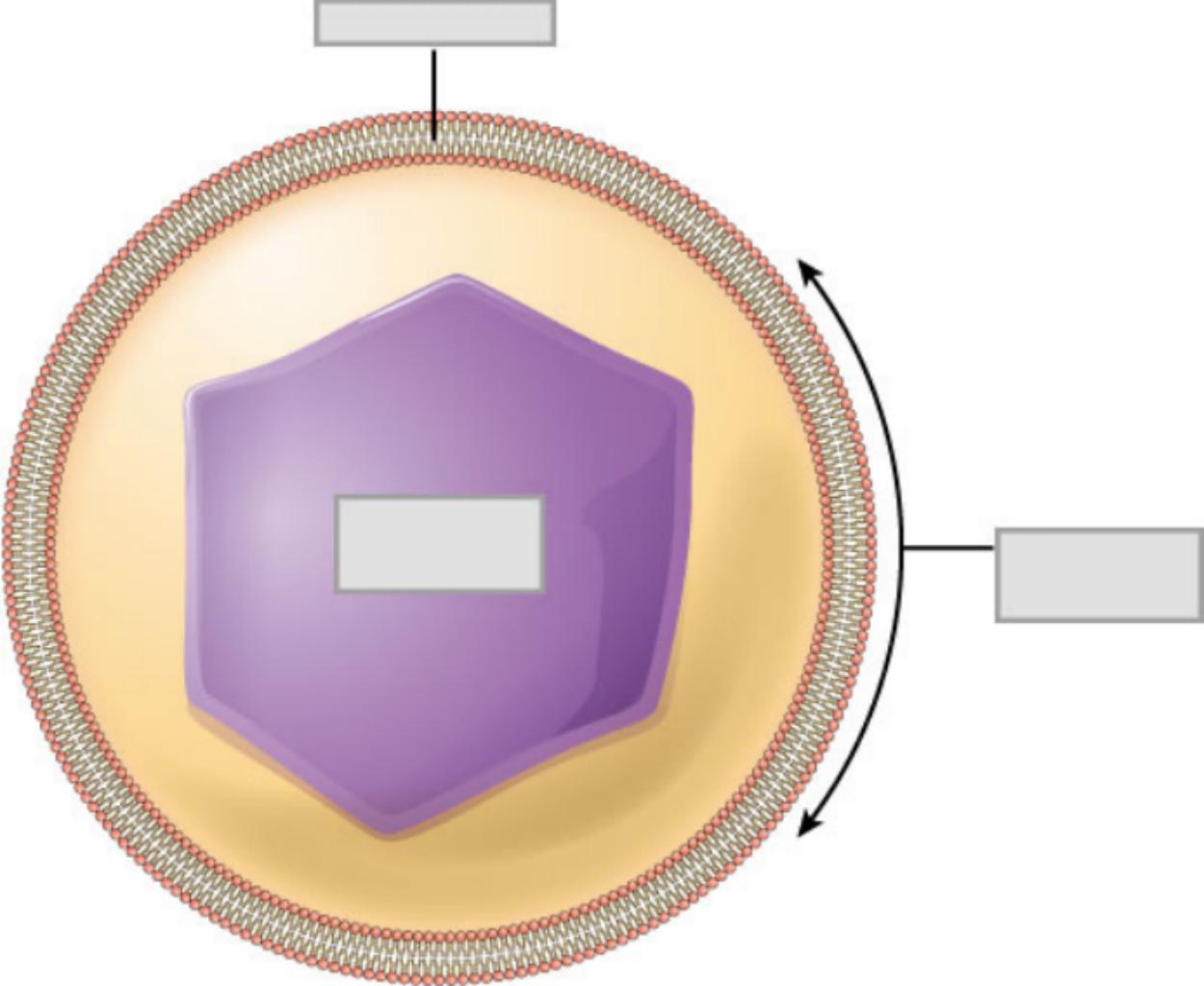


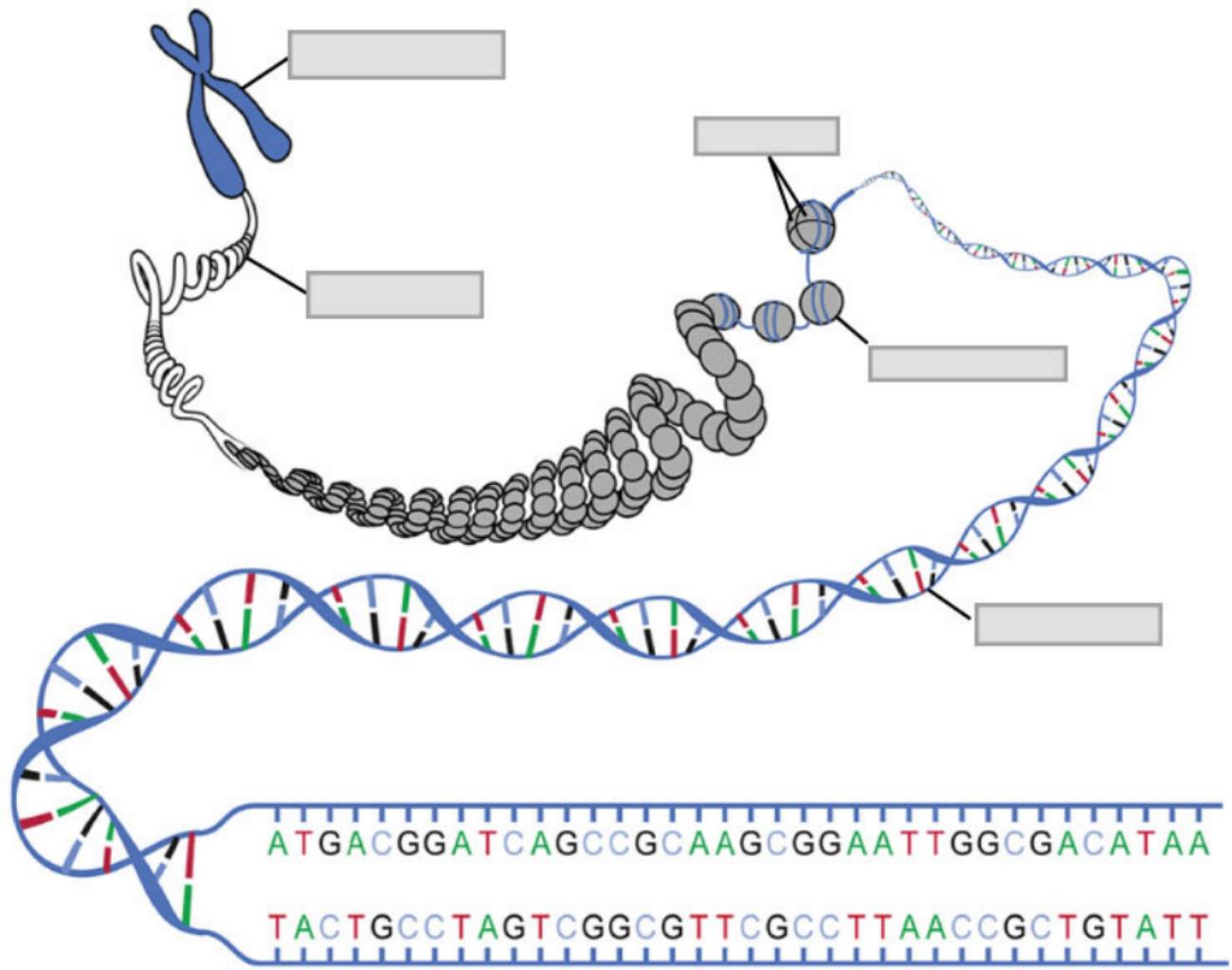


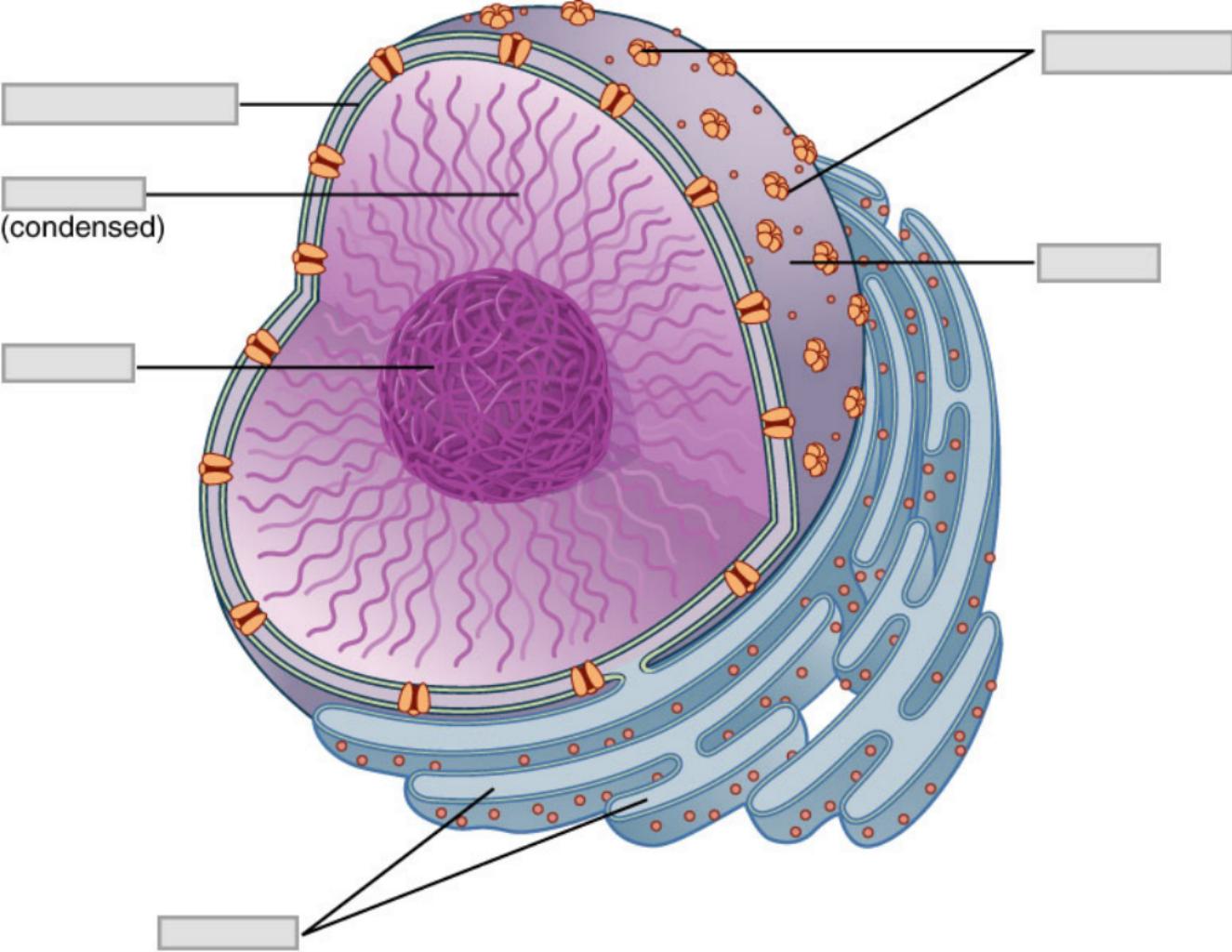
(a)

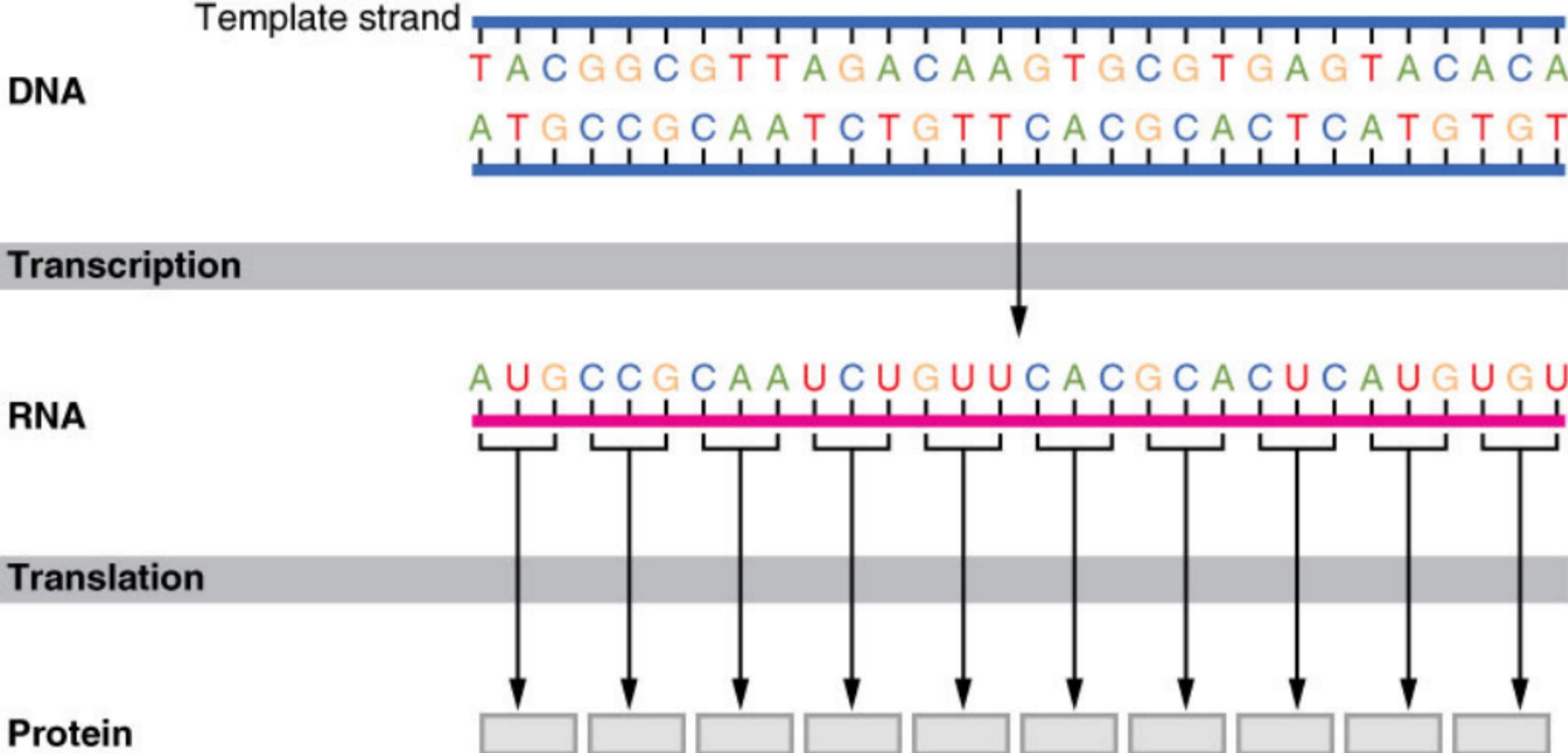


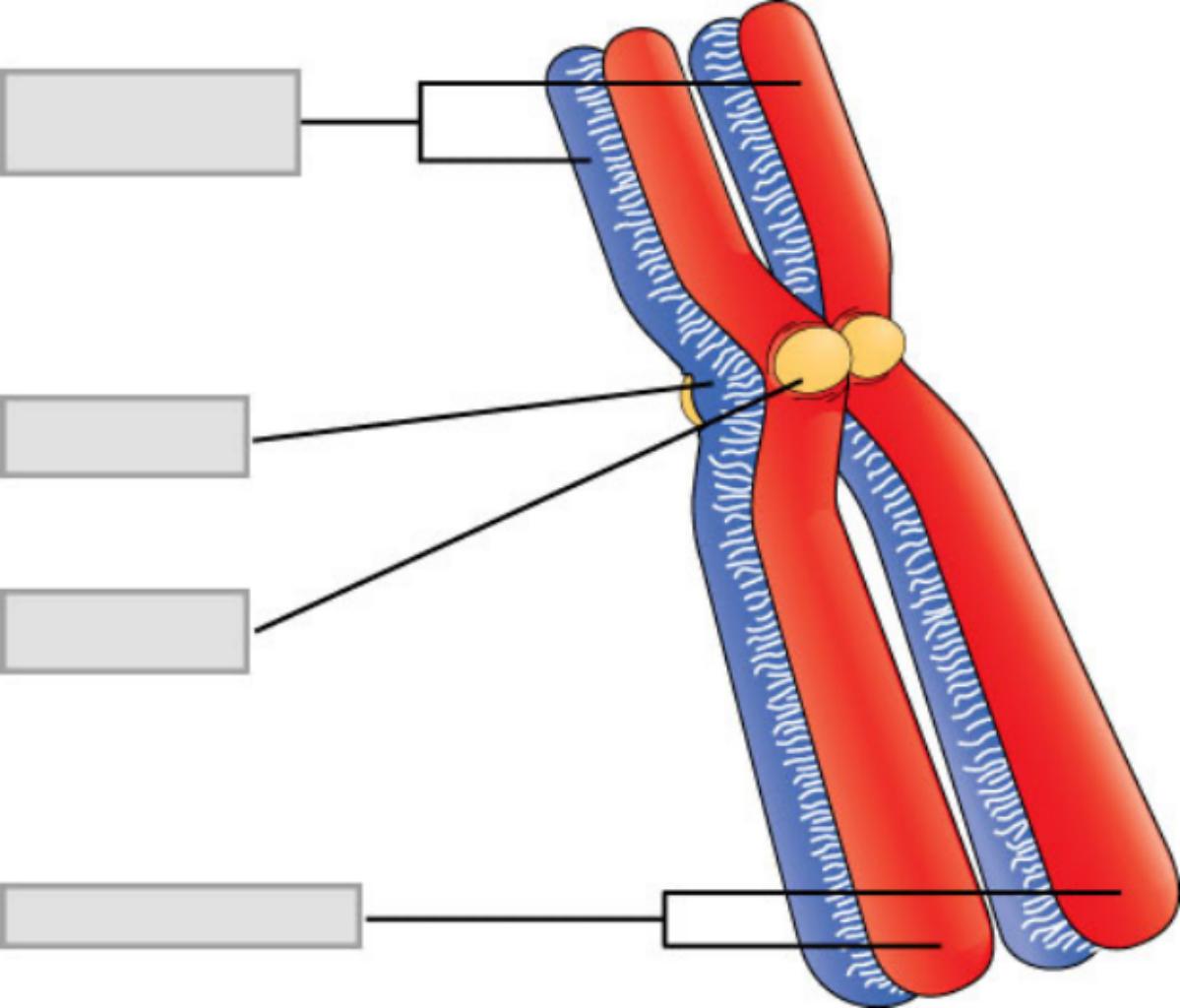
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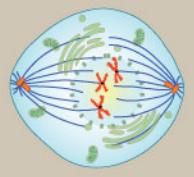
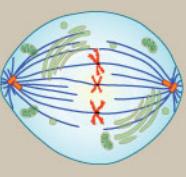
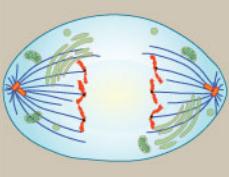
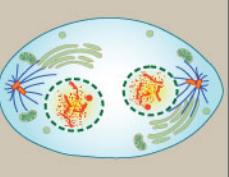
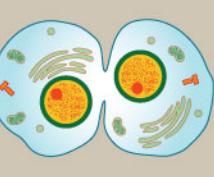
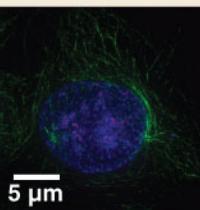
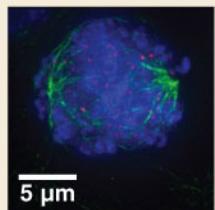
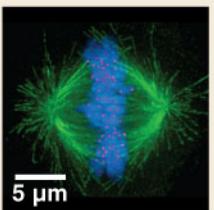
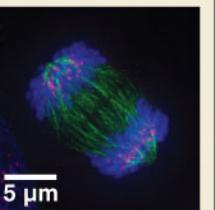
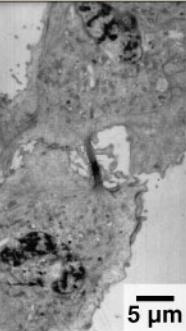










					
<ul style="list-style-type: none"> <li>Chromosomes condense and become visible</li> <li>Spindle fibers emerge from the centrosomes</li> <li>Nuclear envelope breaks down</li> <li>Centrosomes move toward opposite poles</li> </ul>	<ul style="list-style-type: none"> <li>Chromosomes continue to condense</li> <li>Kinetochores appear at the centromeres</li> <li>Mitotic spindle microtubules attach to kinetochores</li> </ul>	<ul style="list-style-type: none"> <li>Chromosomes are lined up at the metaphase plate</li> <li>Each sister chromatid is attached to a spindle fiber originating from opposite poles</li> </ul>	<ul style="list-style-type: none"> <li>Centromeres split in two</li> <li>Sister chromatids (now called chromosomes) are pulled toward opposite poles</li> <li>Certain spindle fibers begin to elongate the cell</li> </ul>	<ul style="list-style-type: none"> <li>Chromosomes arrive at opposite poles and begin to decondense</li> <li>Nuclear envelope material surrounds each set of chromosomes</li> <li>The mitotic spindle breaks down</li> <li>Spindle fibers continue to push poles apart</li> </ul>	<ul style="list-style-type: none"> <li>Animal cells: a cleavage furrow separates the daughter cells</li> <li>Plant cells: a cell plate, the precursor to a new cell wall, separates the daughter cells</li> </ul>
 5 µm	 5 µm	 5 µm	 5 µm	 5 µm	 5 µm
MITOSIS					

