



認知單元 (1)

細胞生物學 - (1) 細胞的基本構造

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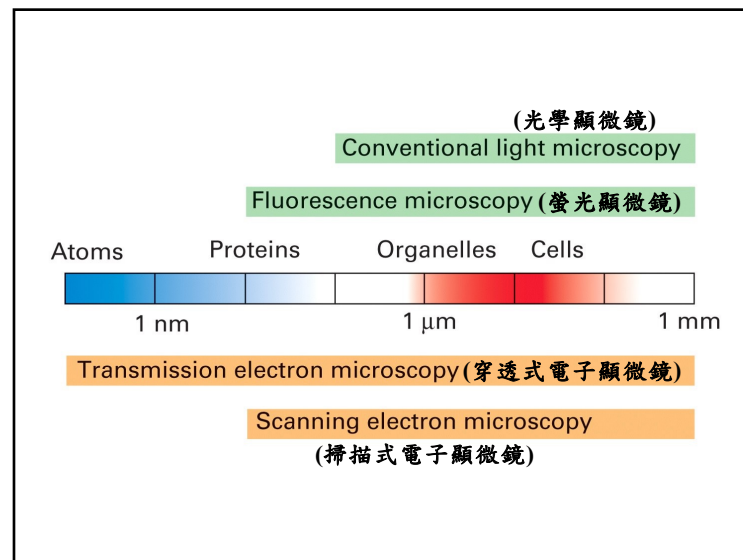
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- Cell membrane
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 - Animal cell vs Plant cell
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- Cytoskeleton (細胞骨架) and cell wall (細胞壁)
- Extracellular components

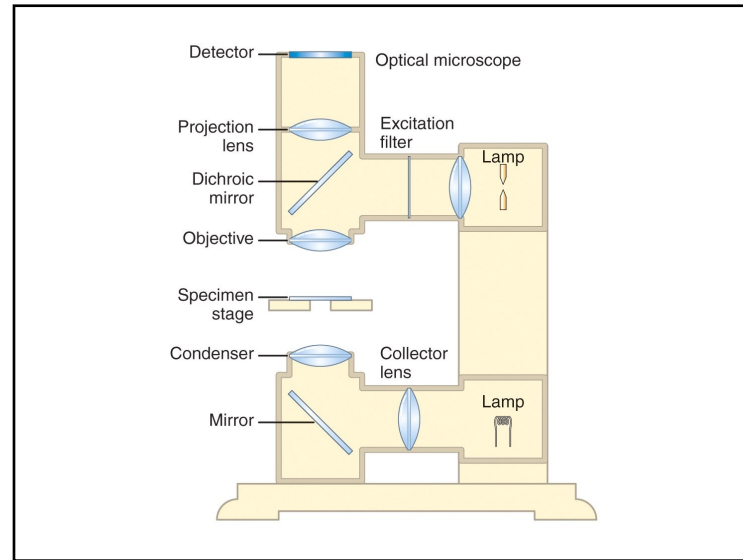
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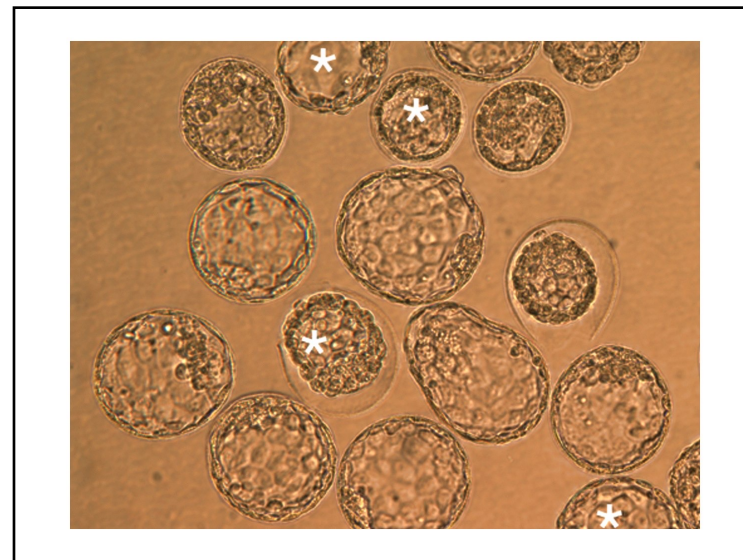
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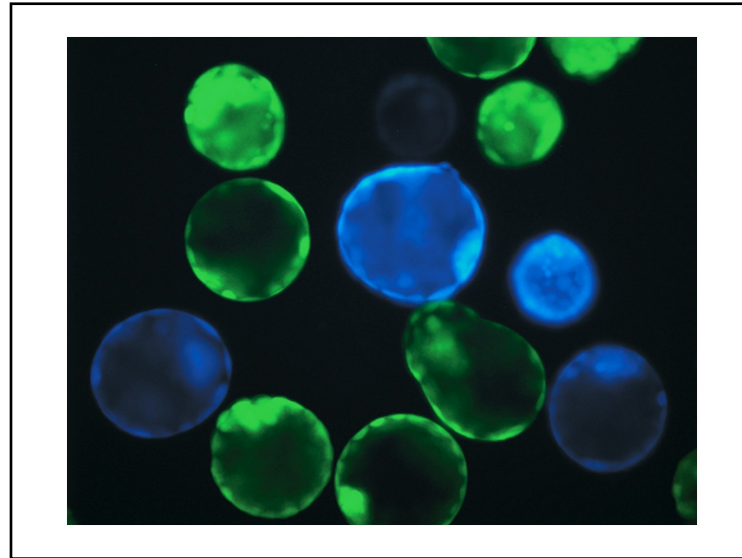
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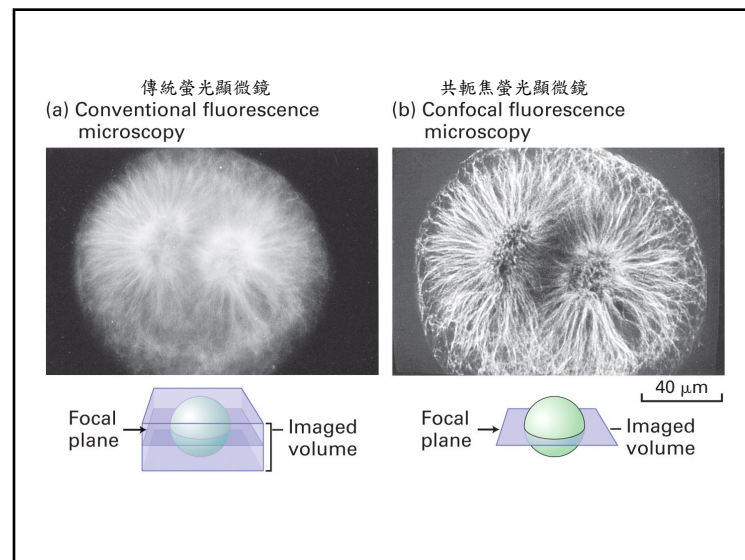
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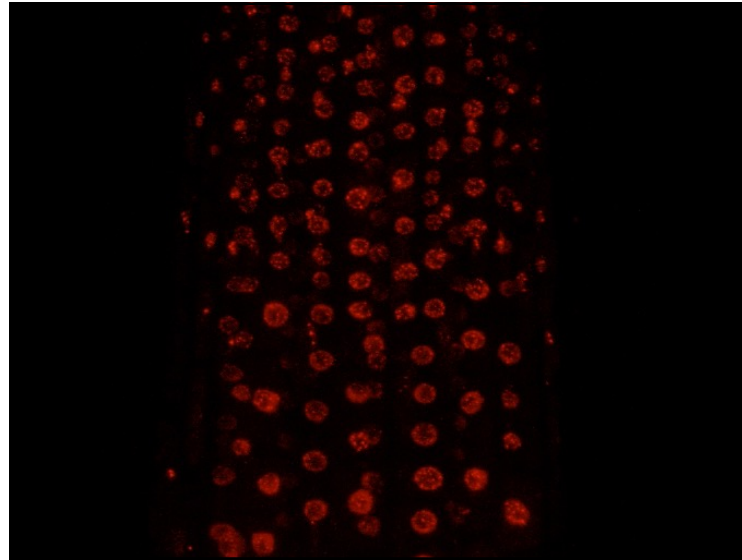
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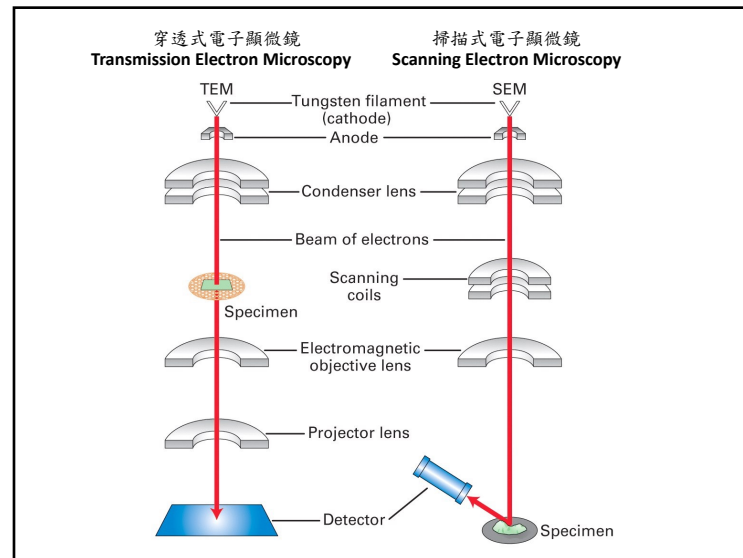
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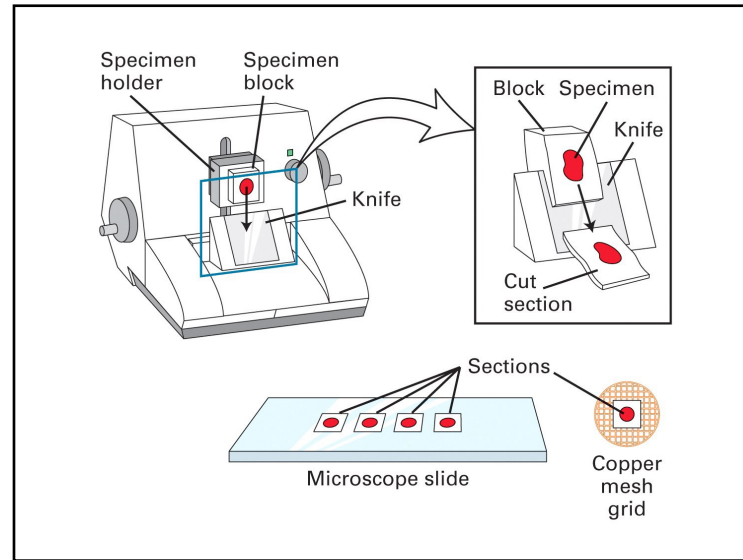
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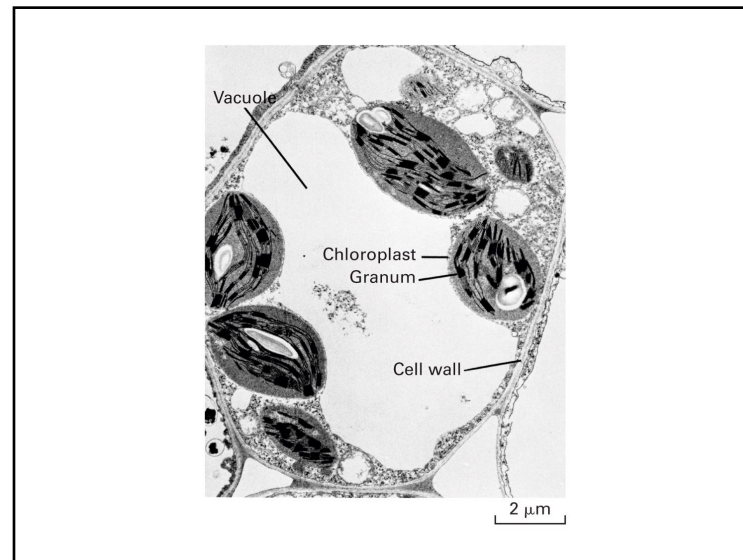
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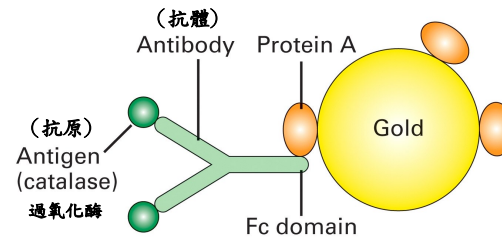


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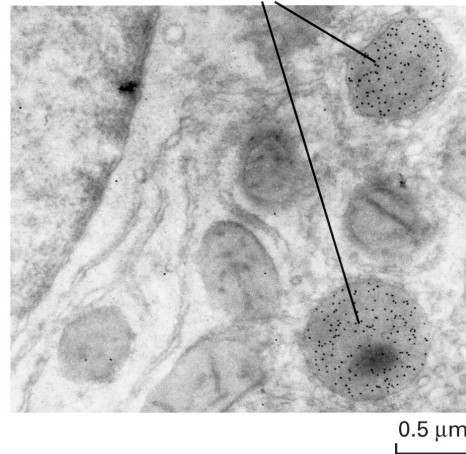
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Immuno-gold staining (免疫金染色)

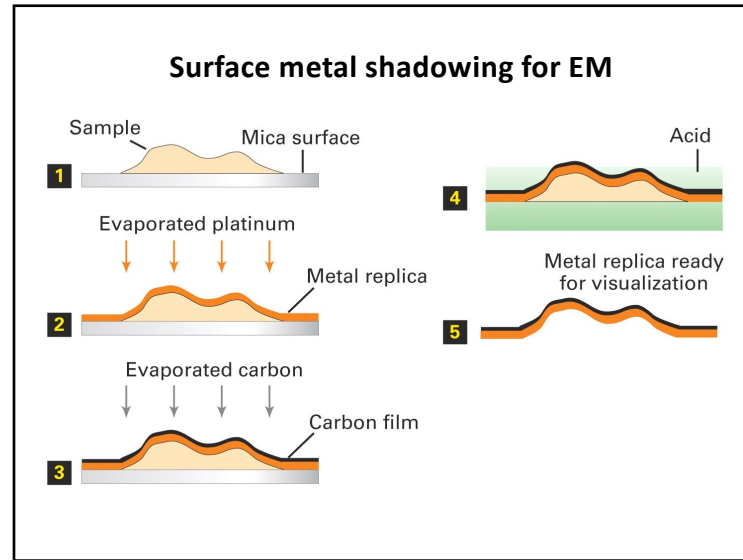


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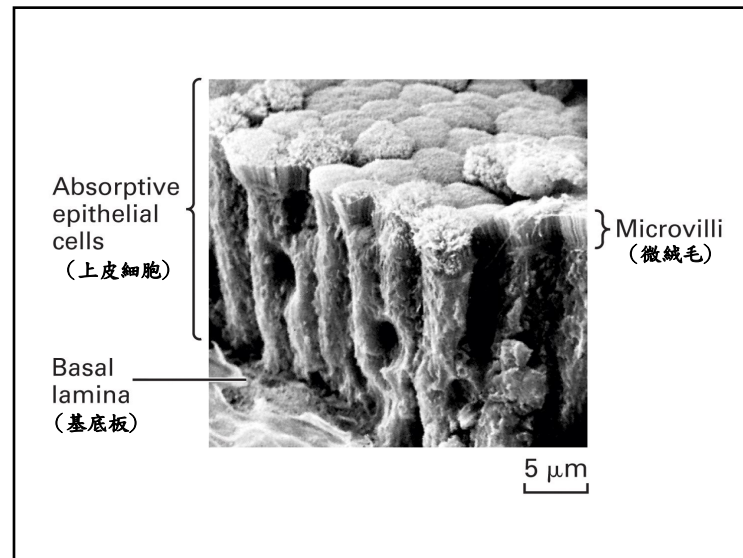
Peroxisomes (过氧化体)



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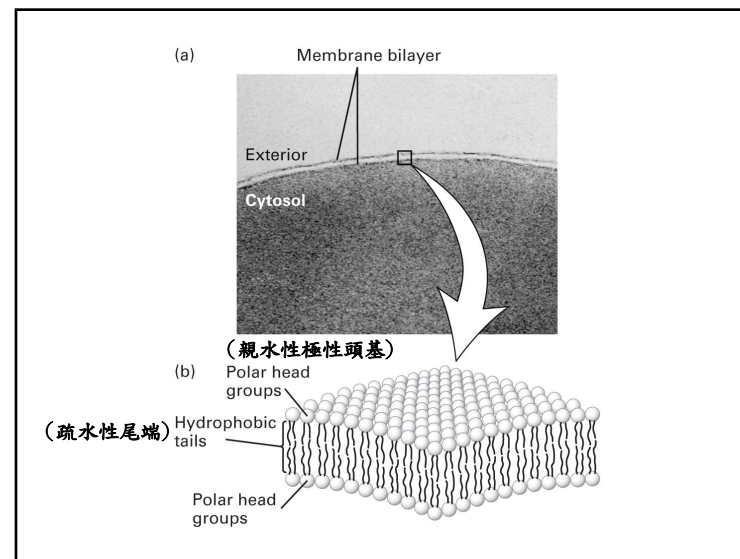


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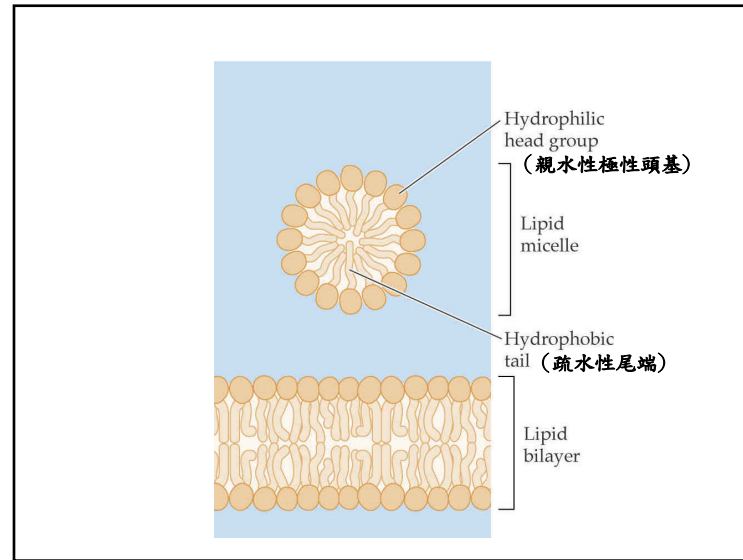
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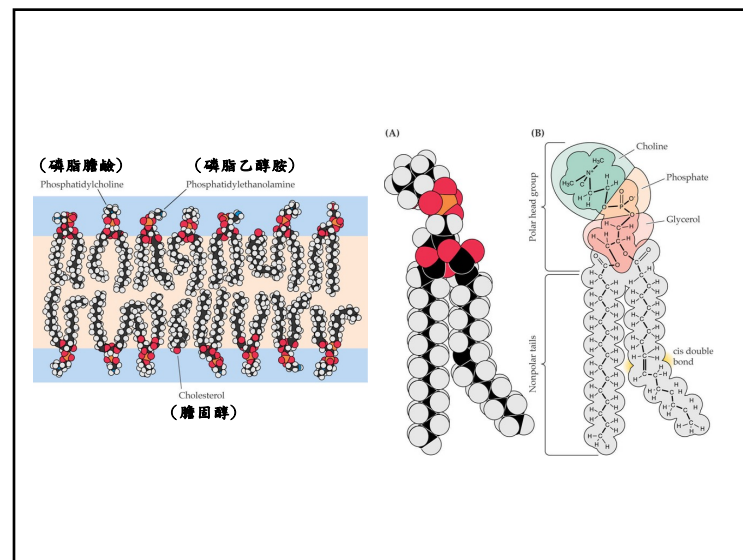
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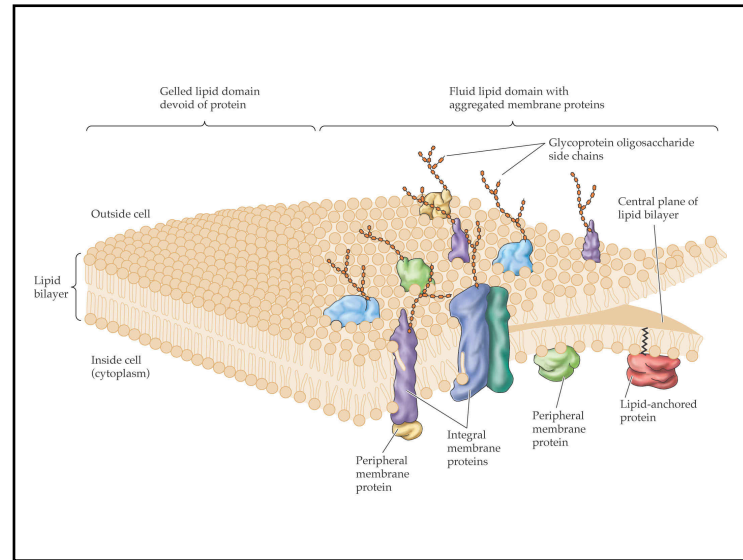
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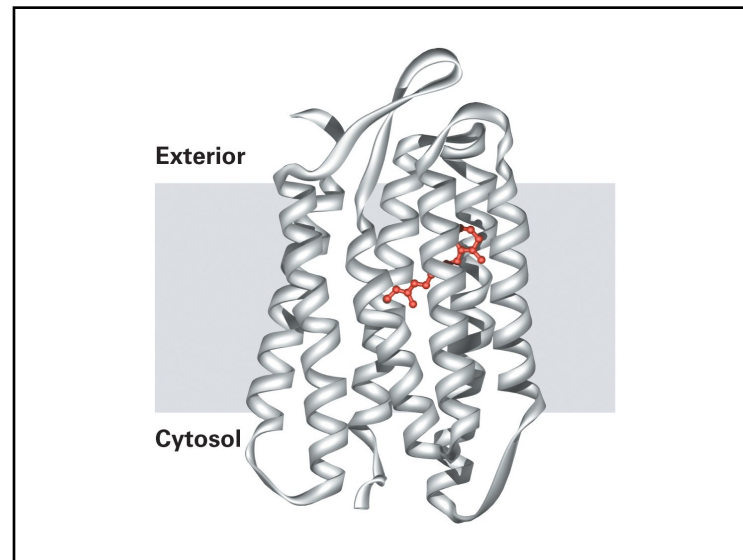
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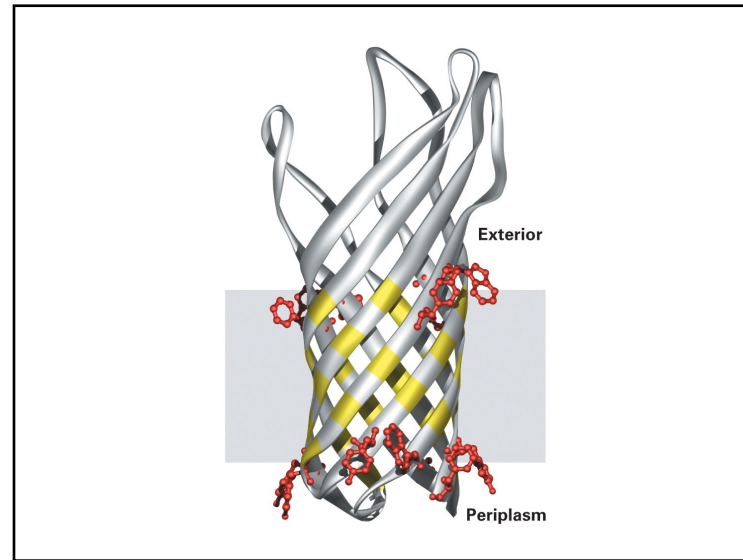
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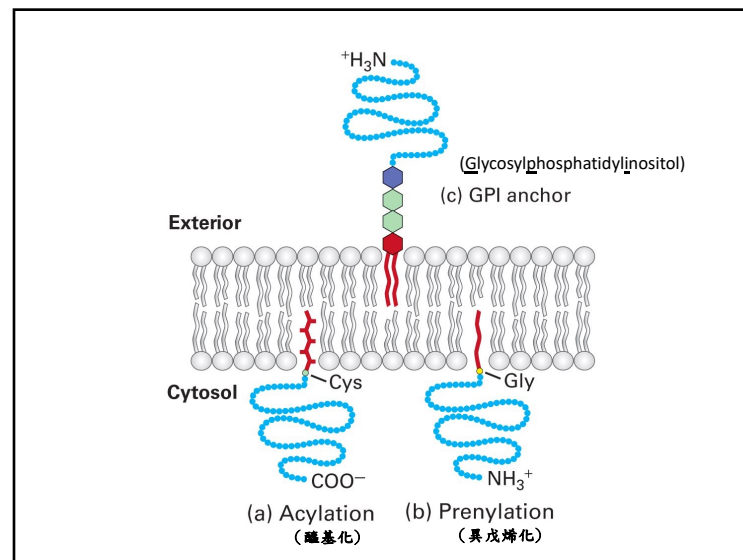
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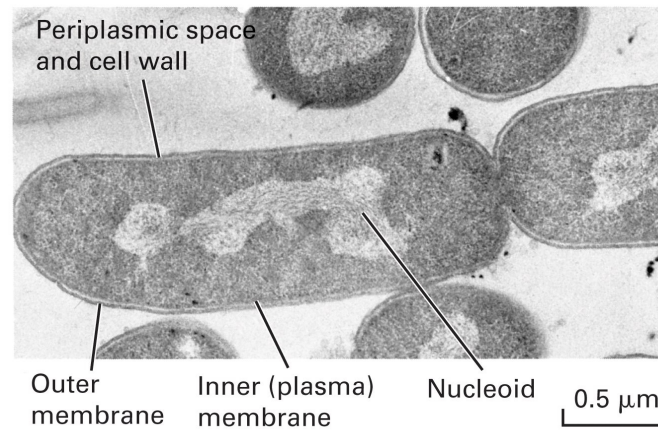
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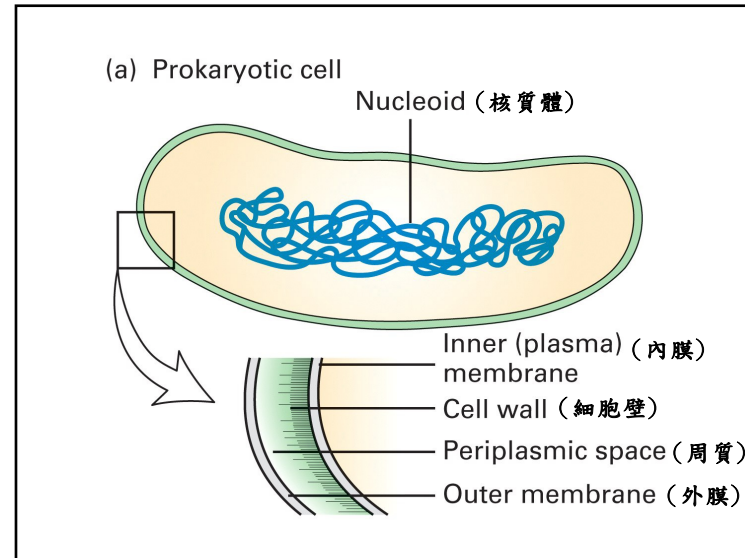
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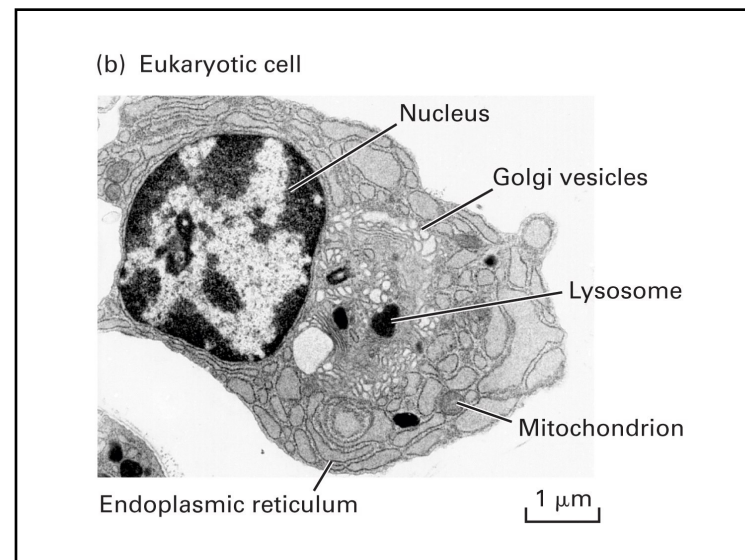
(a) Prokaryotic cell



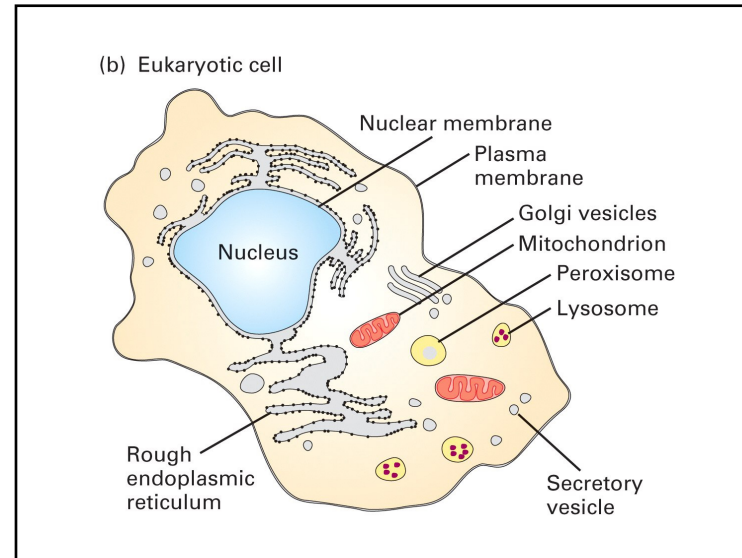
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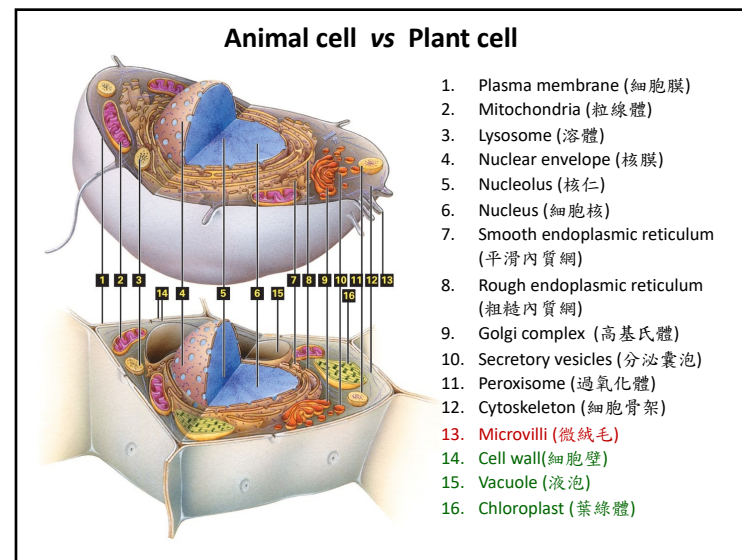
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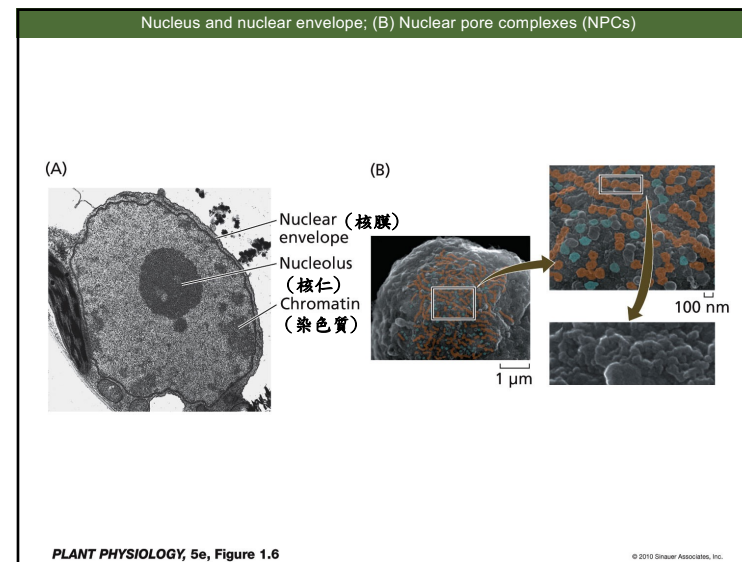


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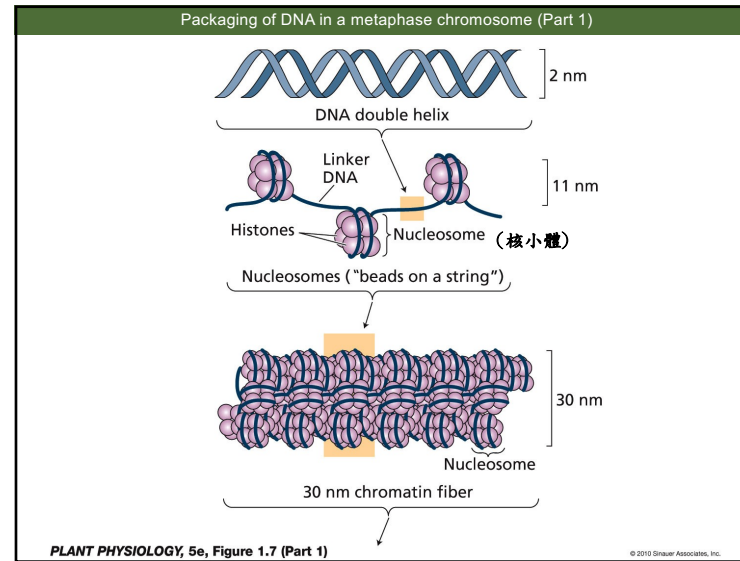
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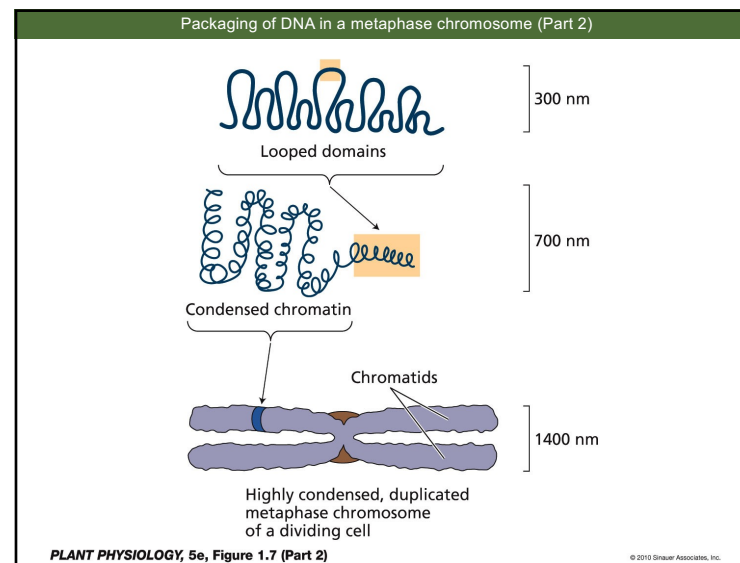
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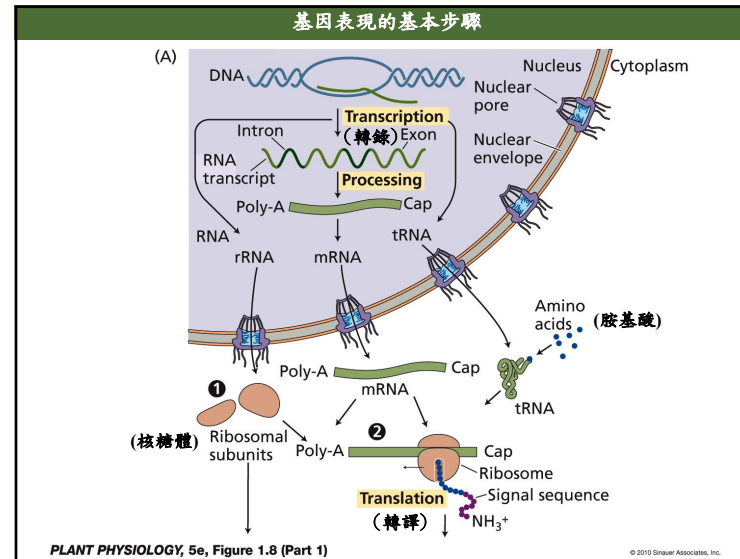
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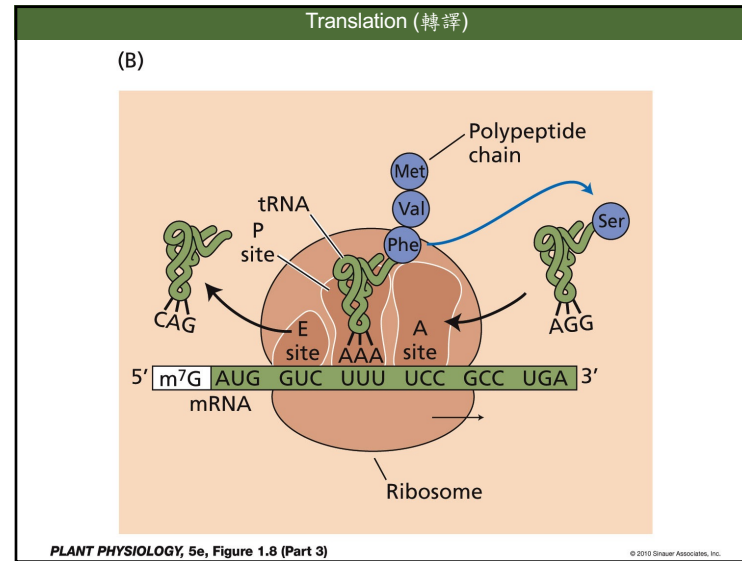


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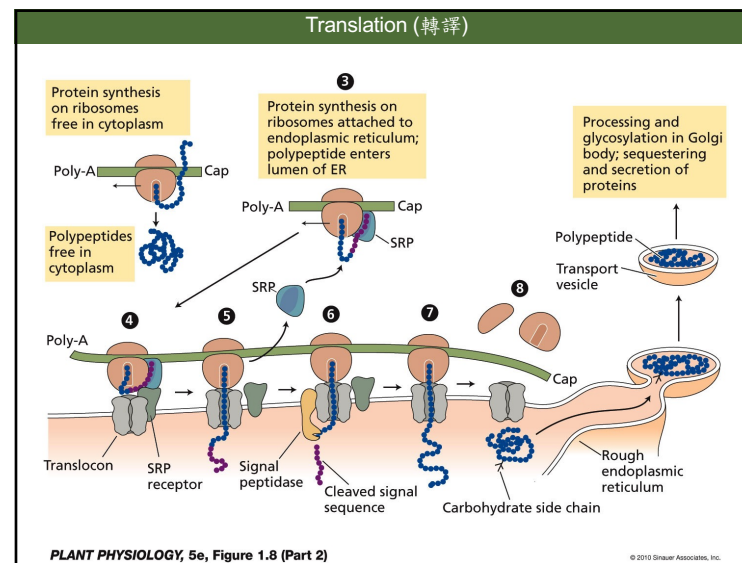
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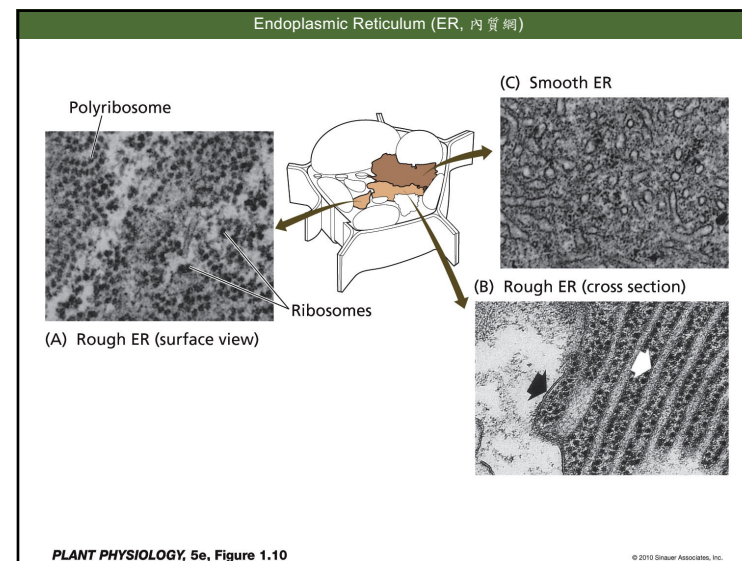


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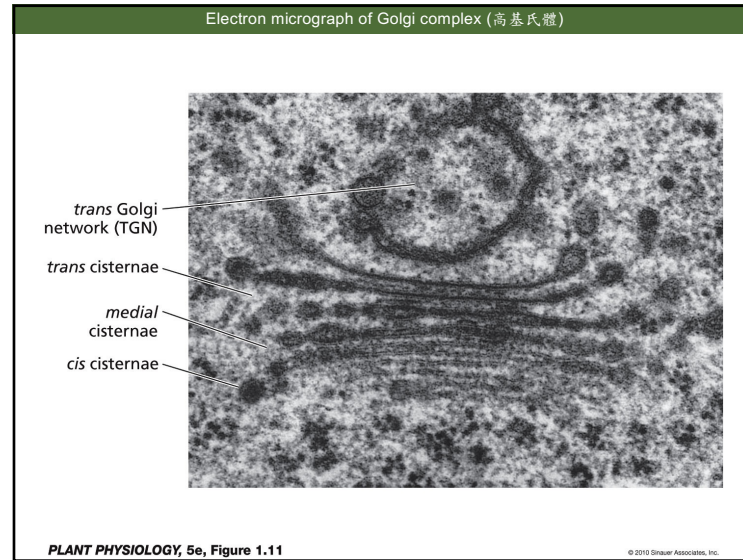
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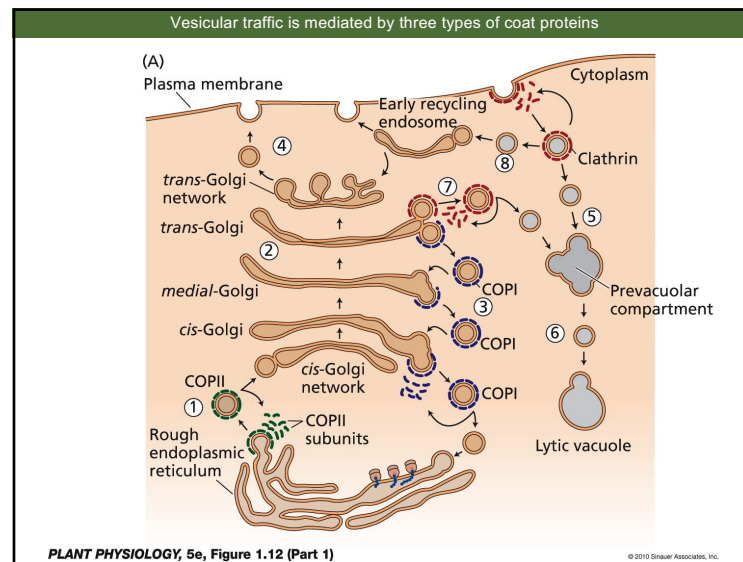
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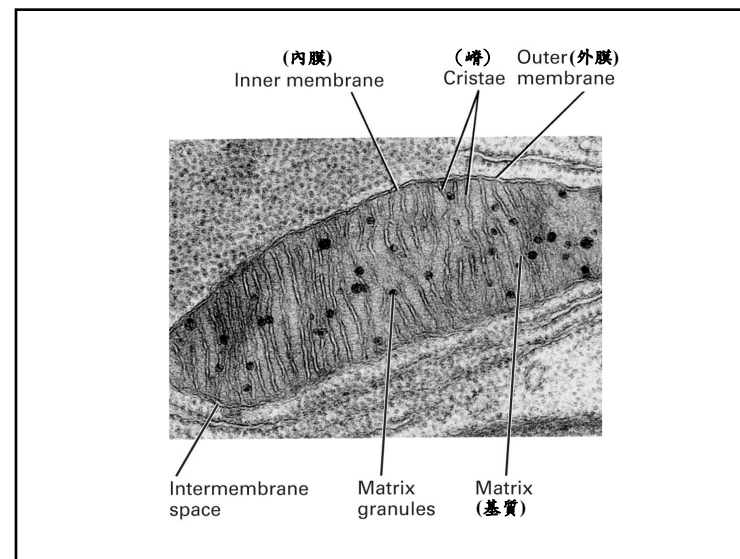


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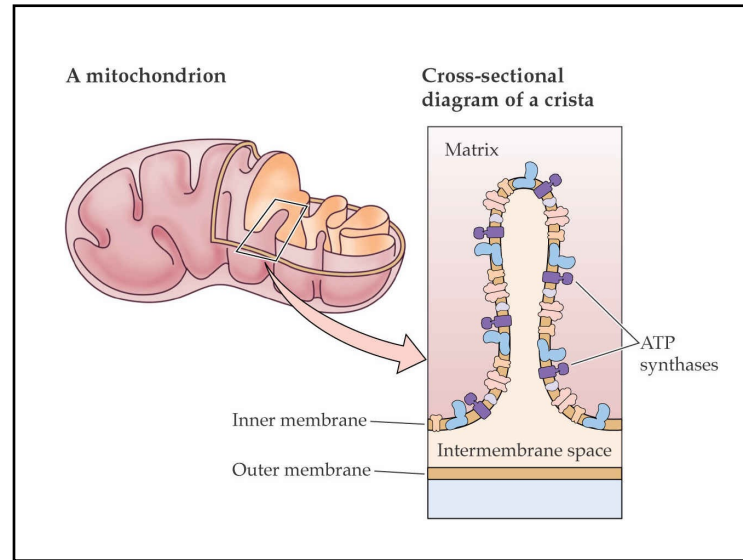
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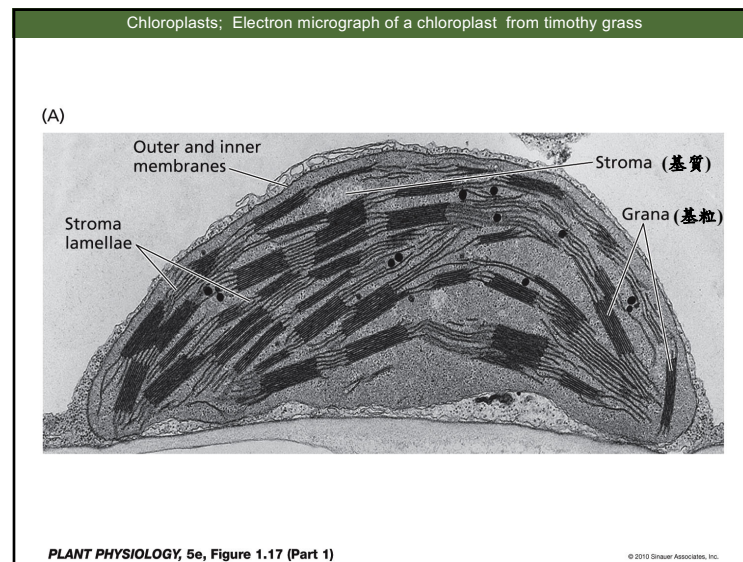
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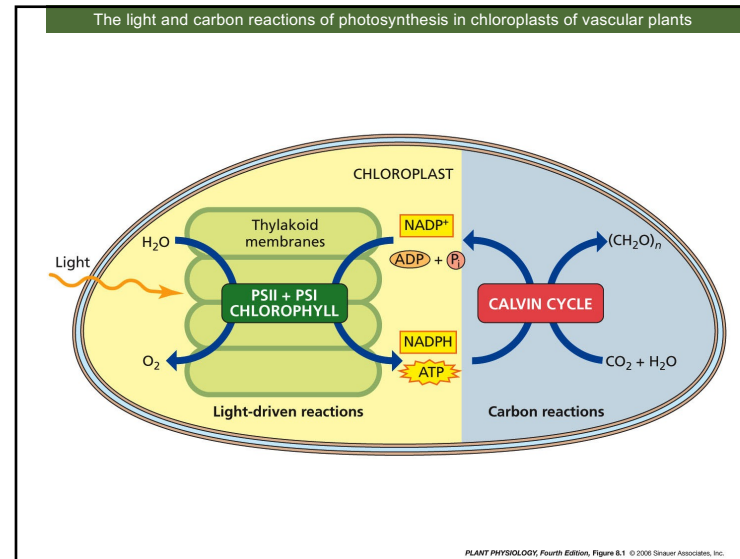
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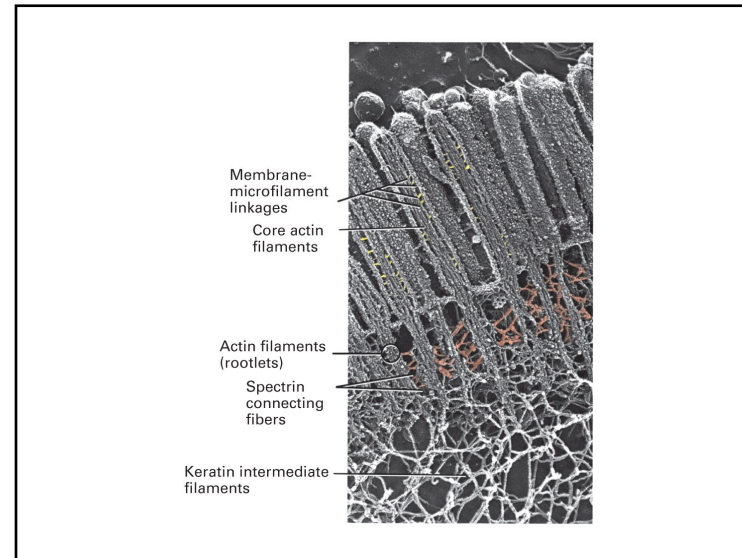


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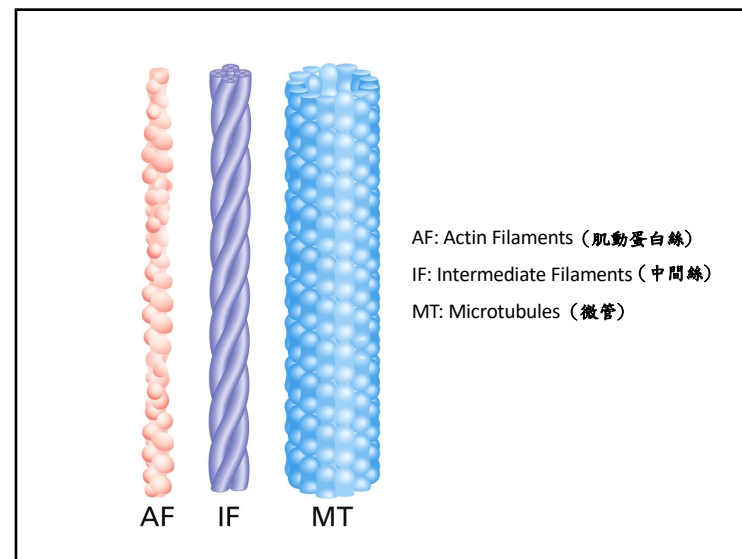
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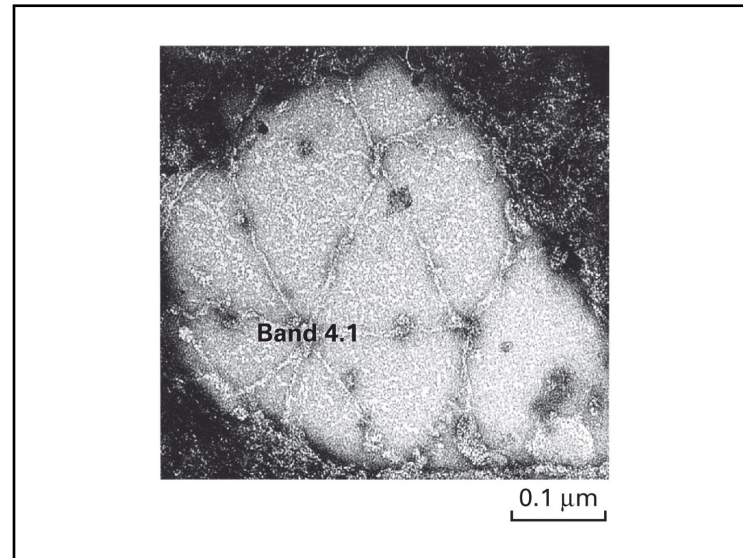
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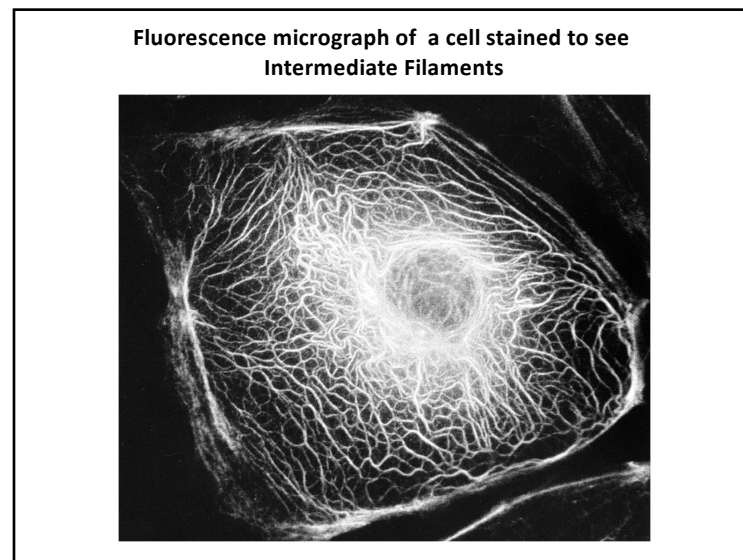
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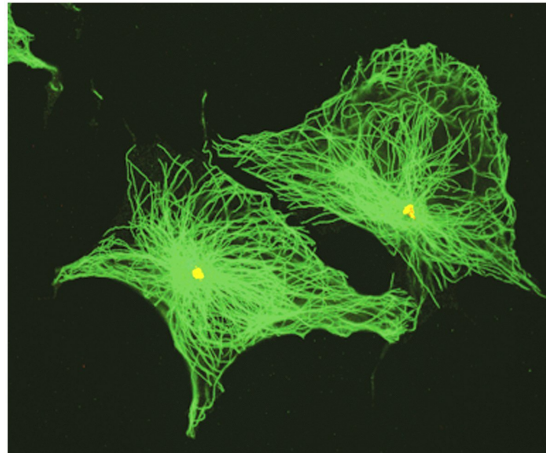


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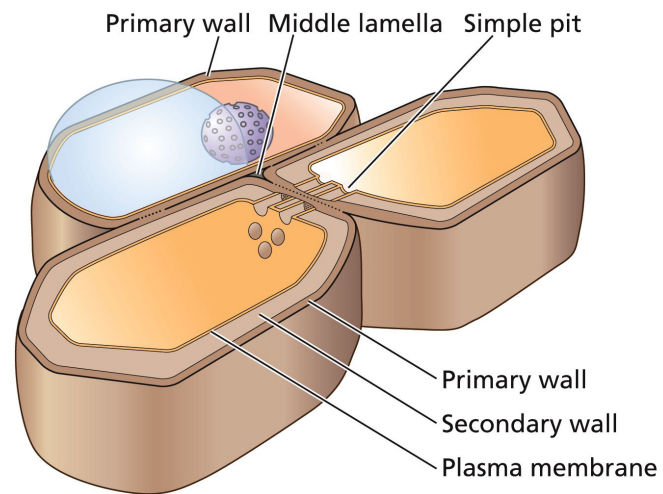
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Fluorescence micrograph of a cell stained to see
Microtubules



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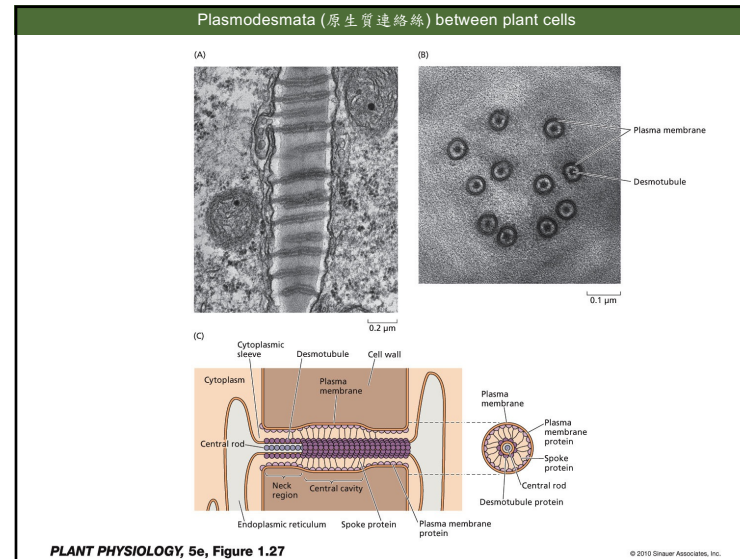
Primary and secondary cell walls and their relationship to the rest of the cell



PLANT PHYSIOLOGY, 5e, Figure 1.2

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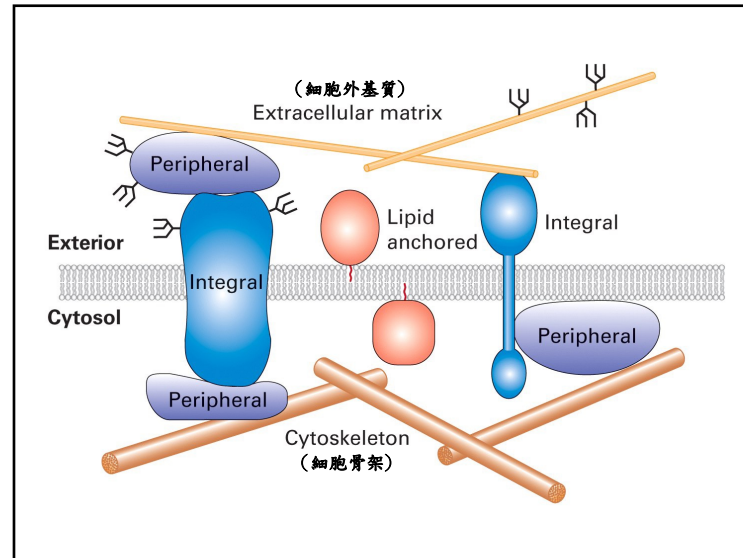


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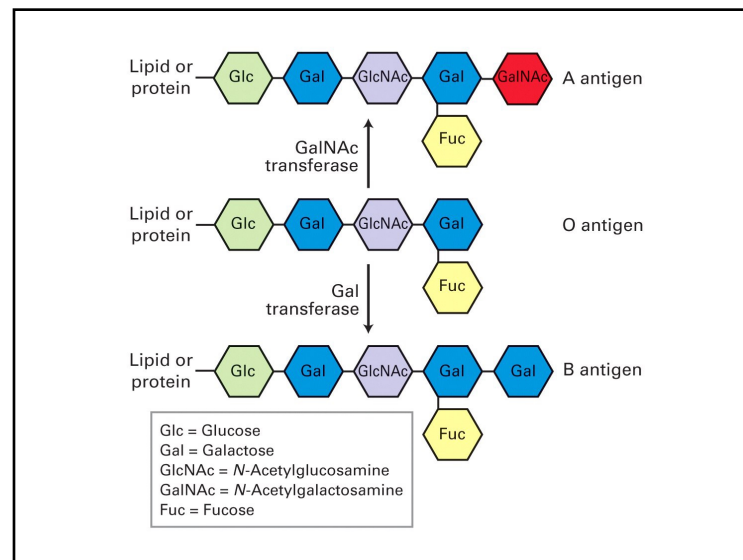
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TABLE 5-2 ABO Blood Groups

Blood-Group Type	Antigens on RBCs*	Serum Antibodies	Can Receive Blood Types
A	A	Anti-B	A and O
B	B	Anti-A	B and O
AB	A and B	None	All
O	O	Anti-A and anti-B	O

*See Figure 5-16 for antigen structures.

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QUESTIONS?

Reference:

Lodish, et al., Molecular Cell Biology, 2004

Buchanan, et al., Biochemistry and Molecular Biology of Plants, 2001

Taiz & Zeiger, Plant Physiology, 2010