

Figure 12-1 Molecular Biology of the Cell (© Garland Science 2008)

Table 12–1 Relative Volumes Occupied by the Major Intracellular Compartments in a Liver Cell (Hepatocyte)

INTRACELLULAR COMPARTMENT	PERCENTAGE OF TOTAL CELL VOLUME
Cytosol	54
Mitochondria	22
Rough ER cisternae	9
Smooth ER cisternae plus Golgi cisternae	6
Nucleus	6
Peroxisomes	1
Lysosomes	1
Endosomes	1

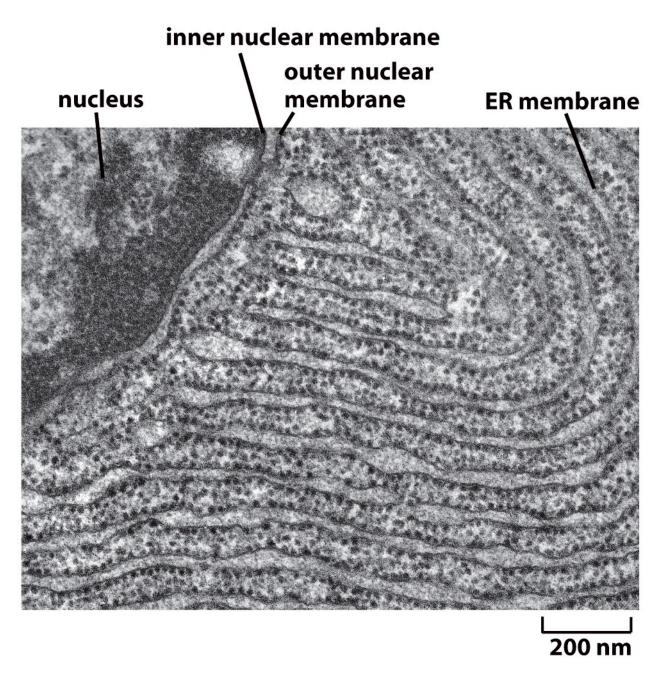


Figure 12-36a Molecular Biology of the Cell (© Garland Science 2008)

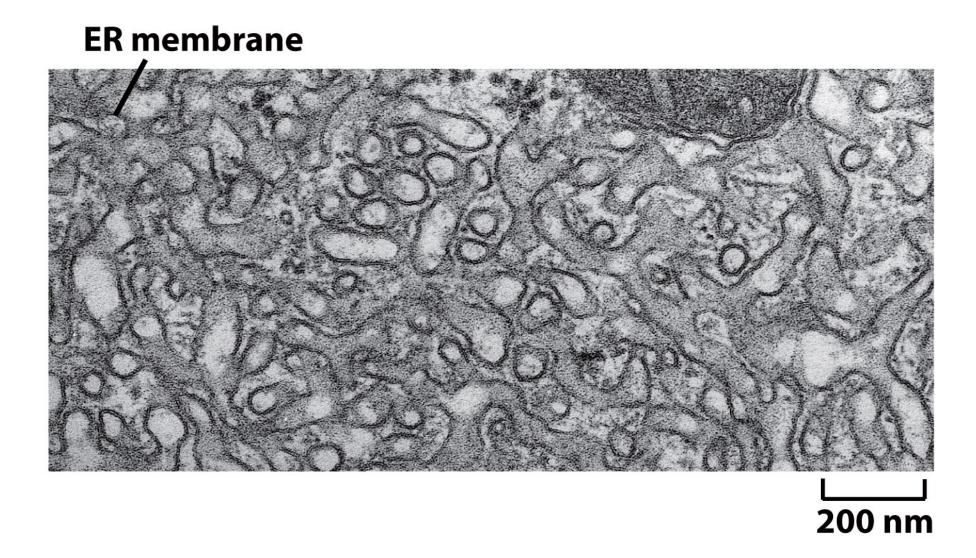


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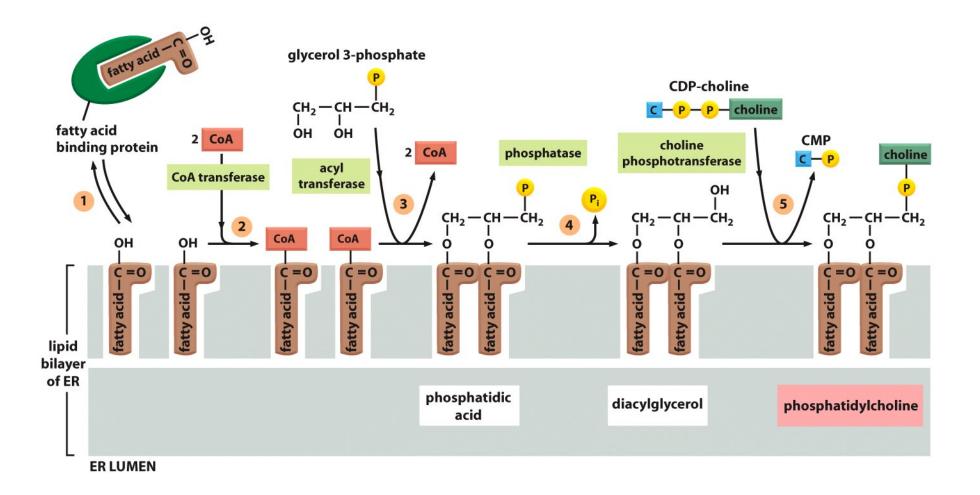


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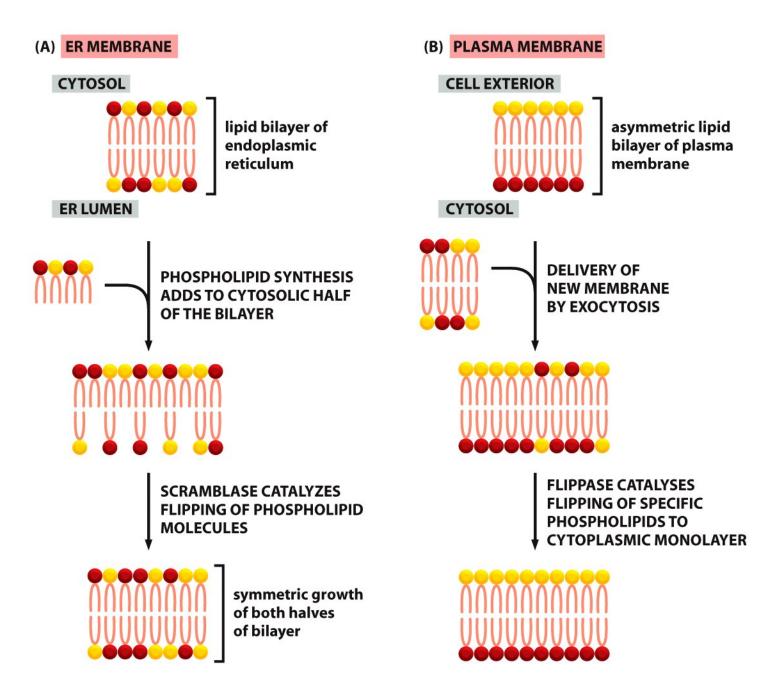


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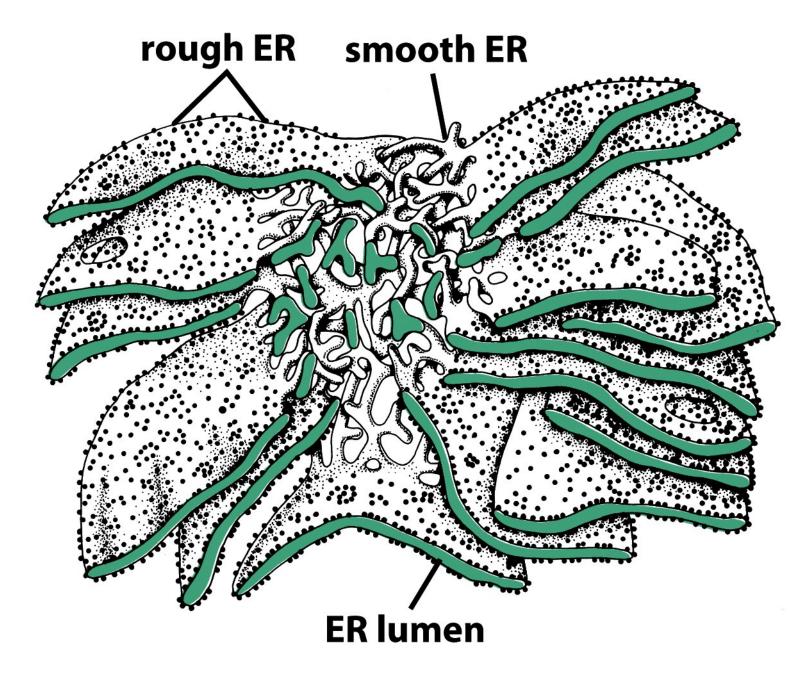


Figure 12-36c Molecular Biology of the Cell (© Garland Science 2008)

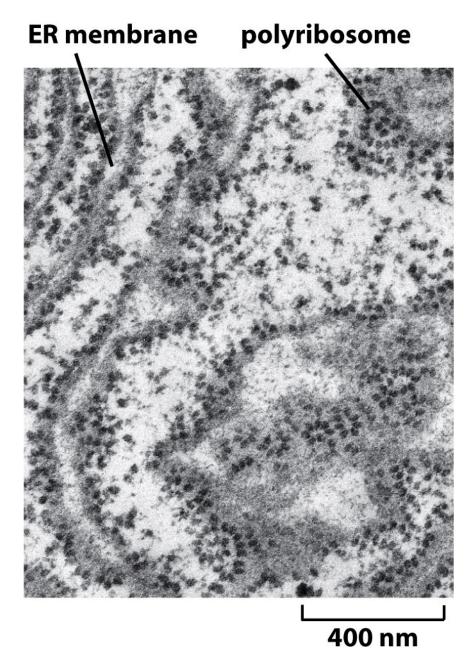


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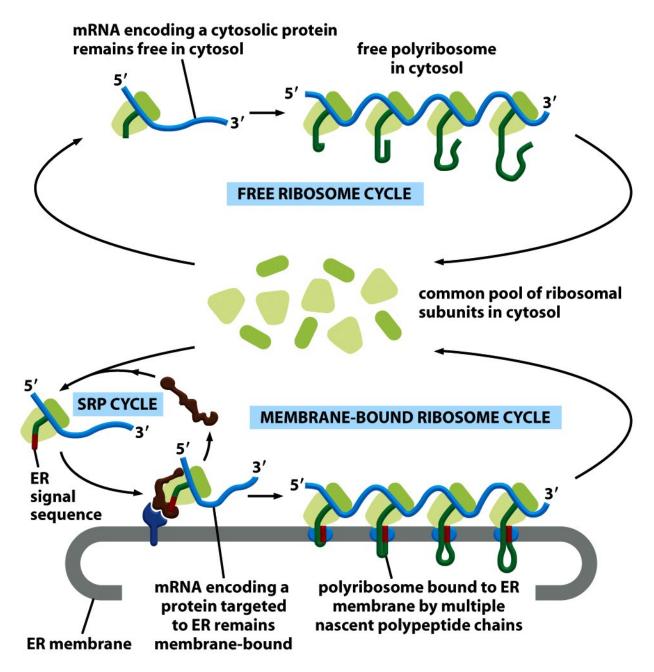


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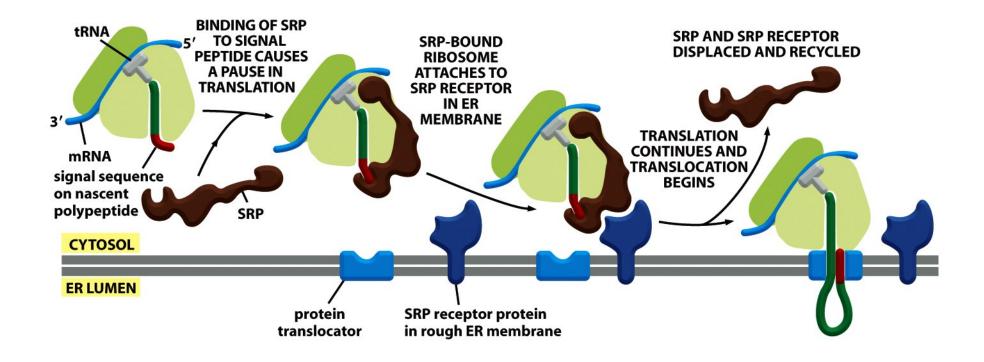


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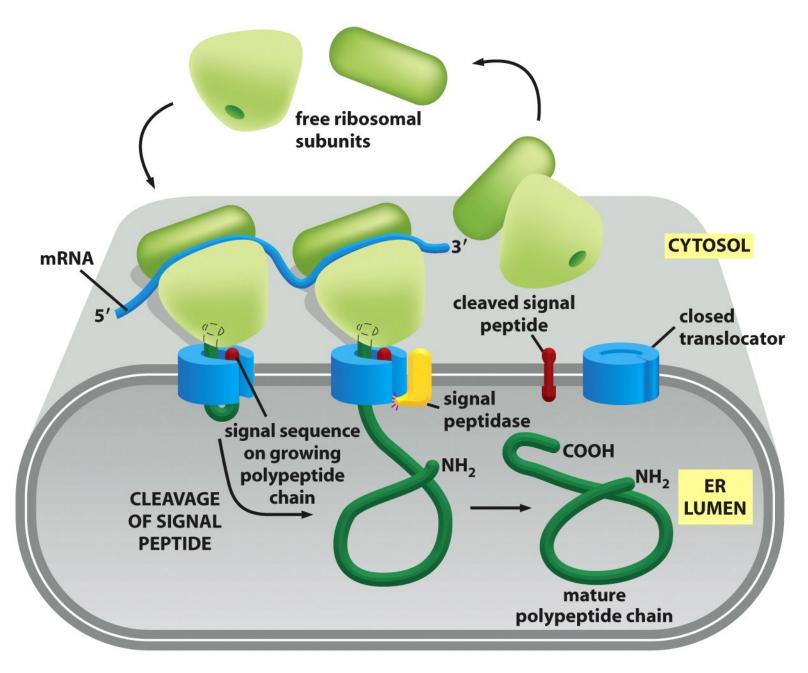


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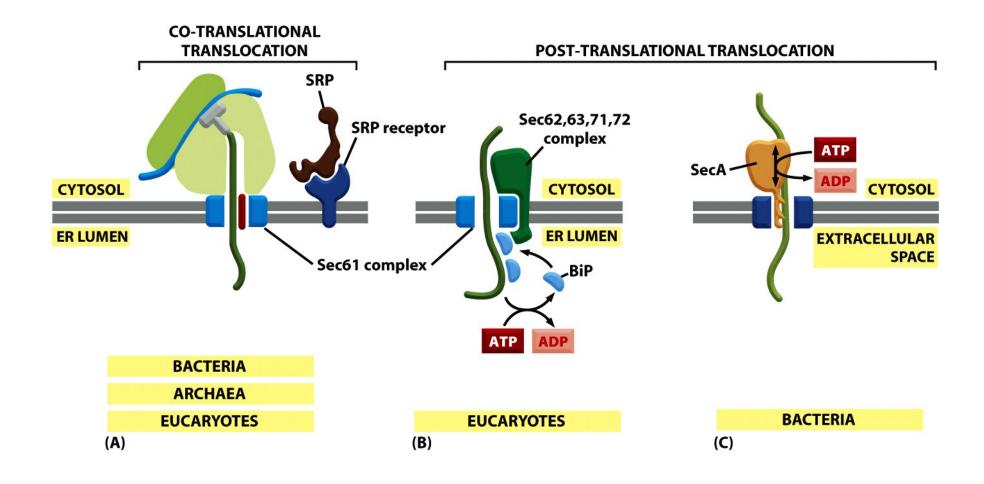


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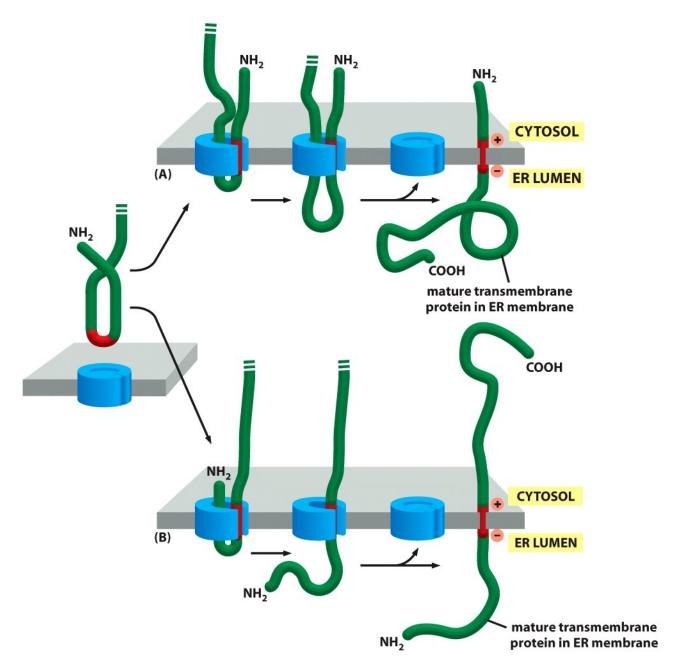


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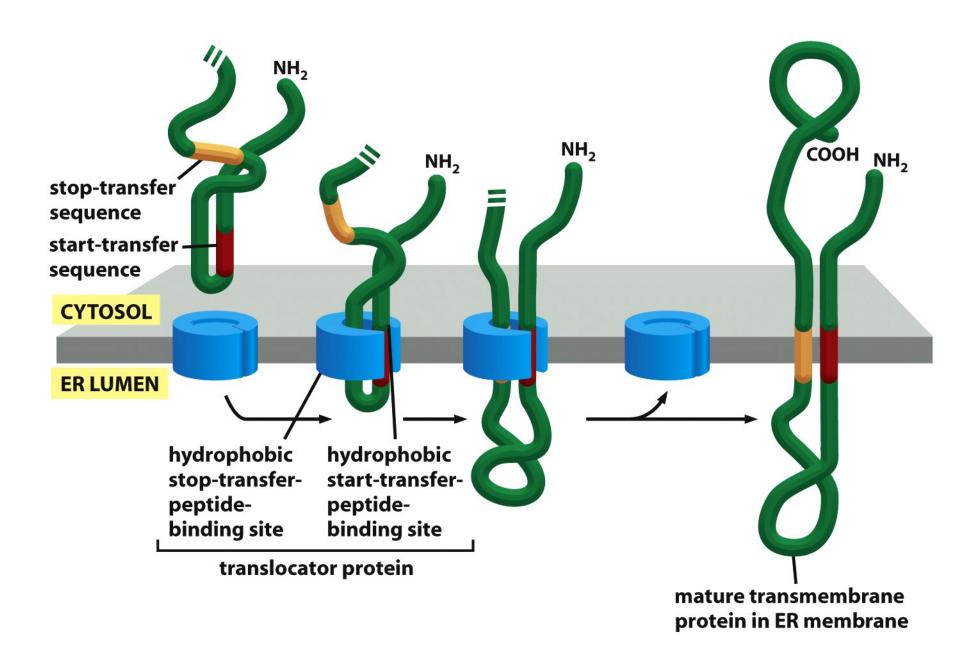


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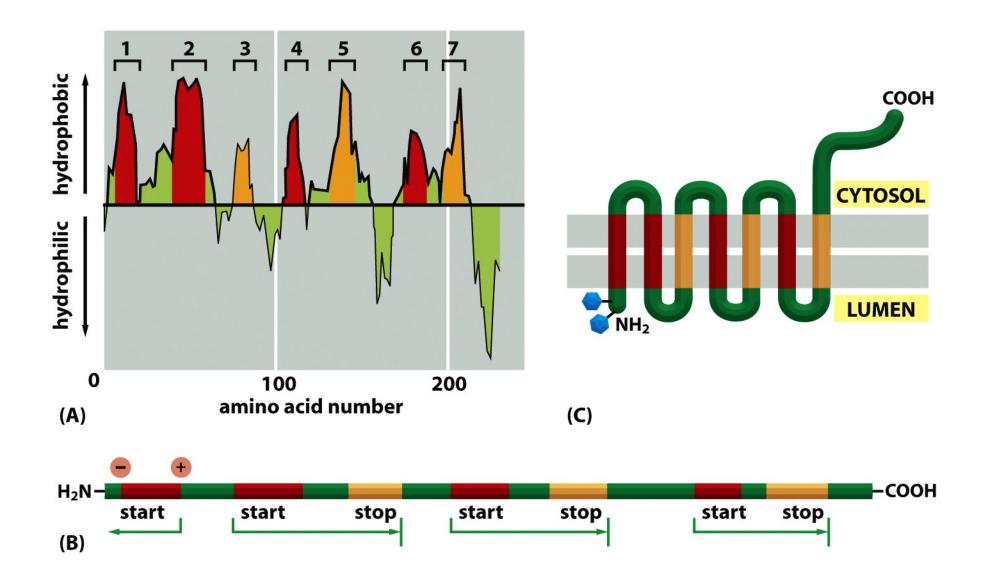


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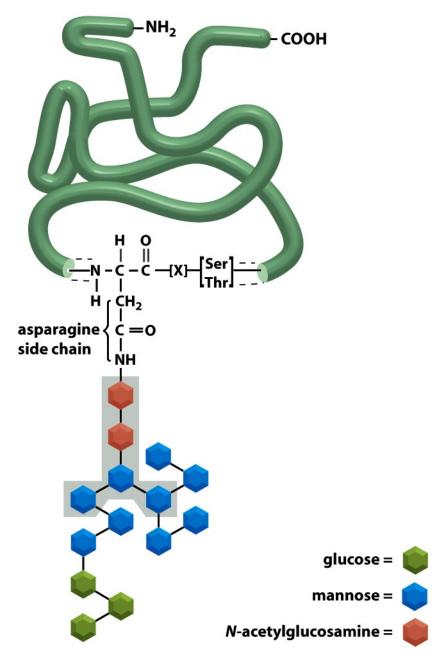


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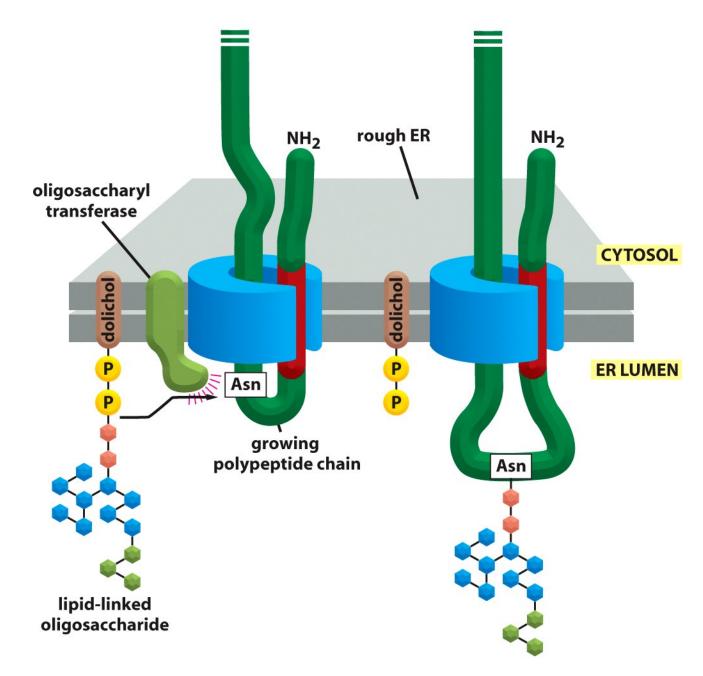


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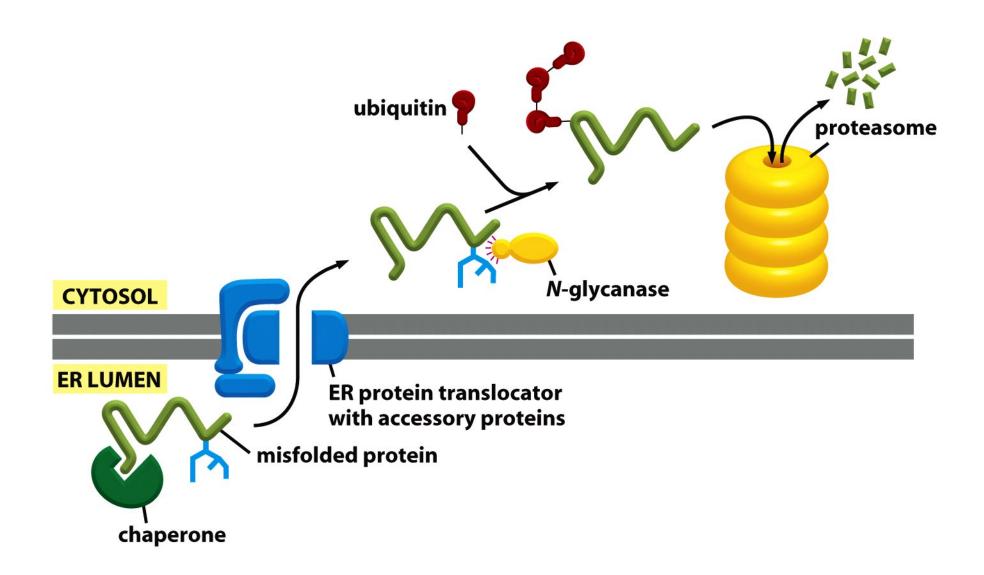


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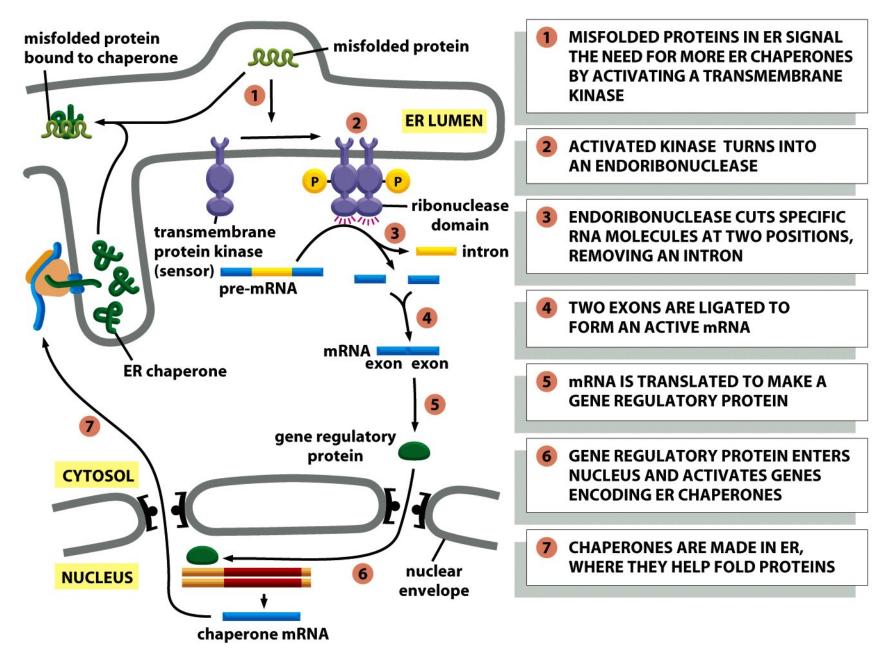


Figure 12-55b Molecular Biology of the Cell (© Garland Science 2008)

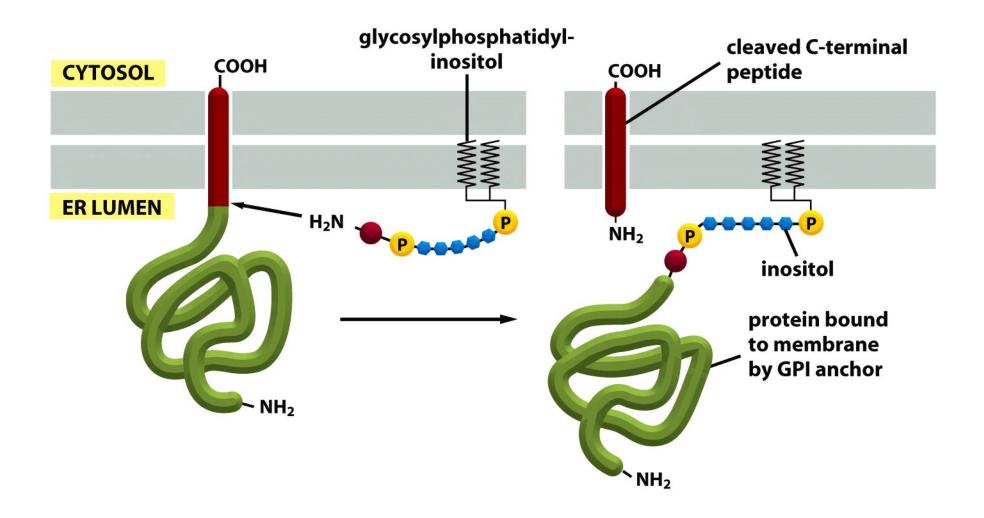


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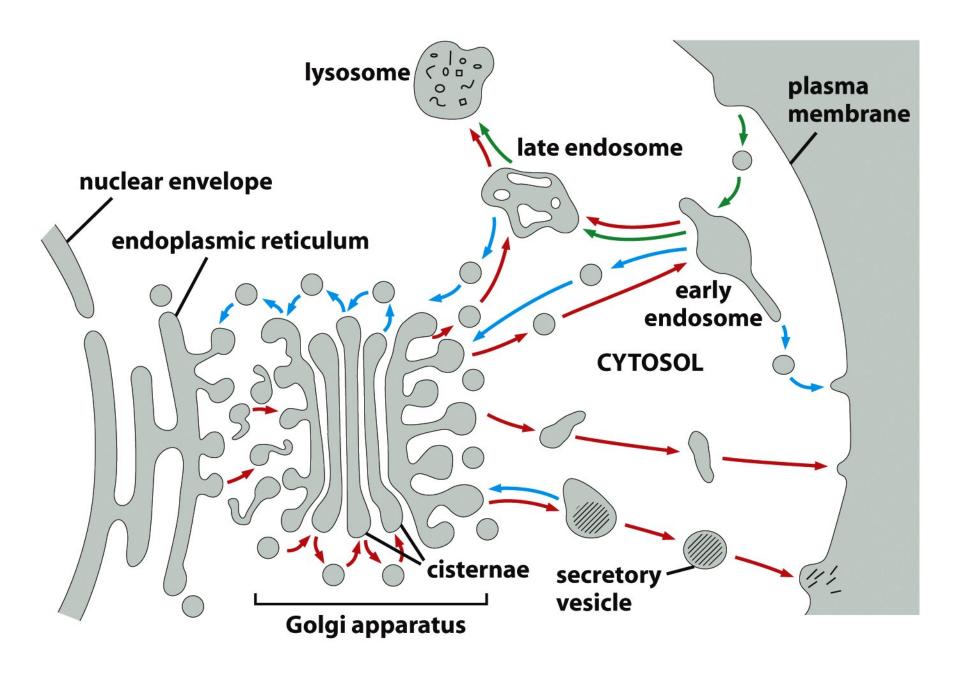


Figure 13-3b *Molecular Biology of the Cell* (© Garland Science 2008)

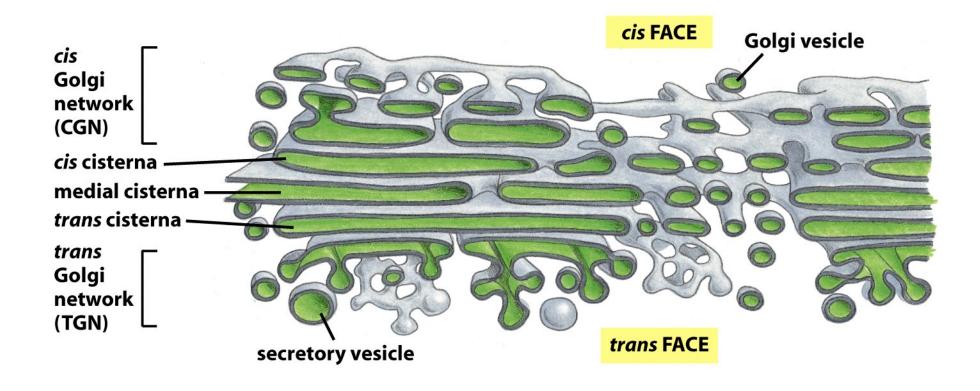


Figure 13-25a Molecular Biology of the Cell (© Garland Science 2008)

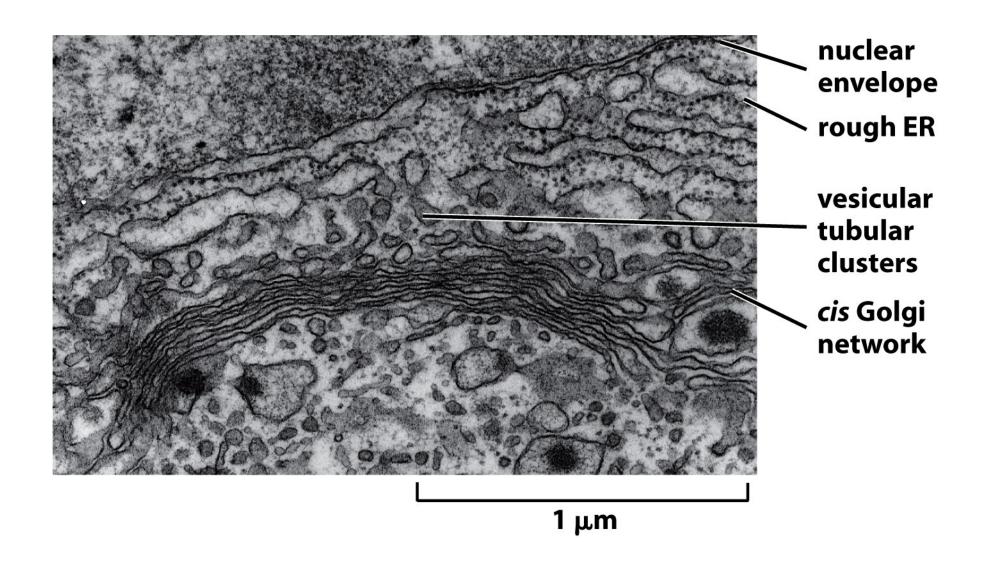


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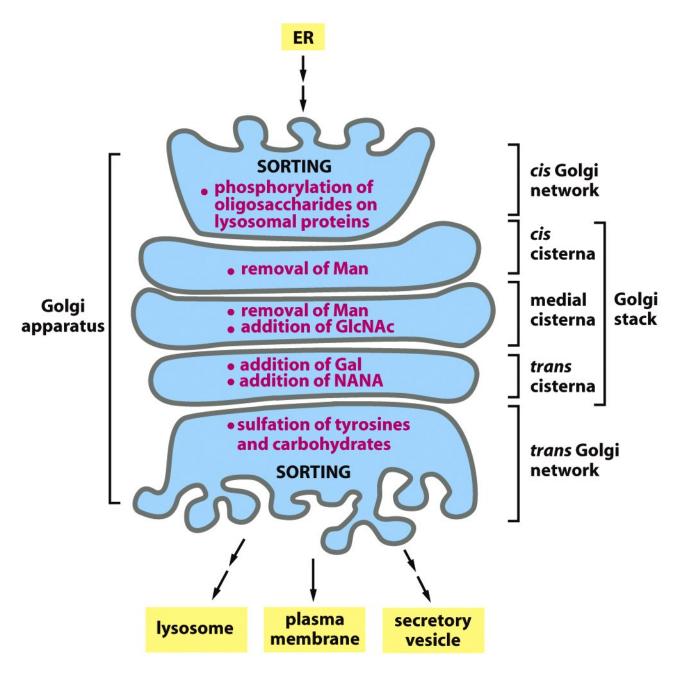


Figure 13-28 Molecular Biology of the Cell (© Garland Science 2008)

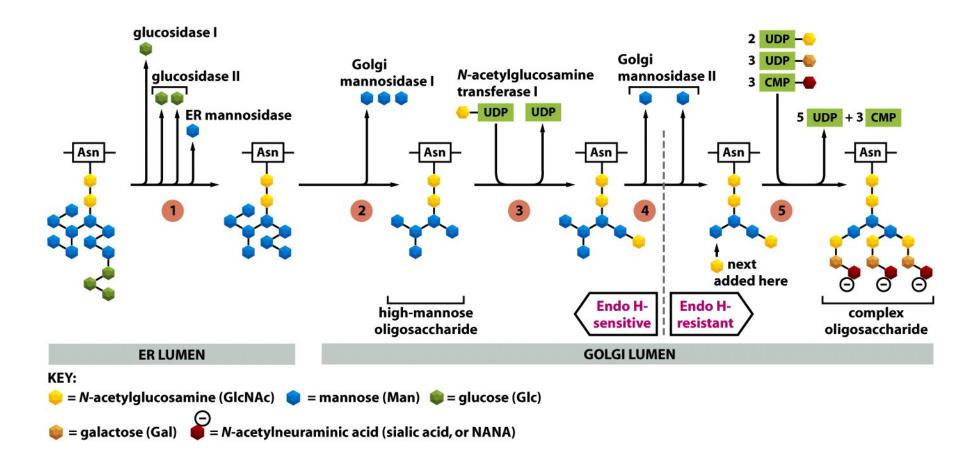


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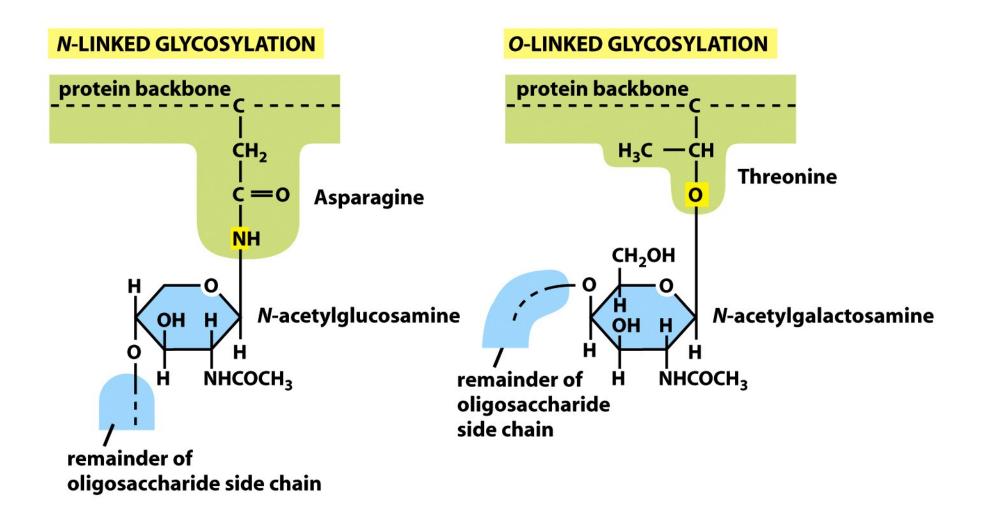


Figure 13-32 Molecular Biology of the Cell (© Garland Science 2008)

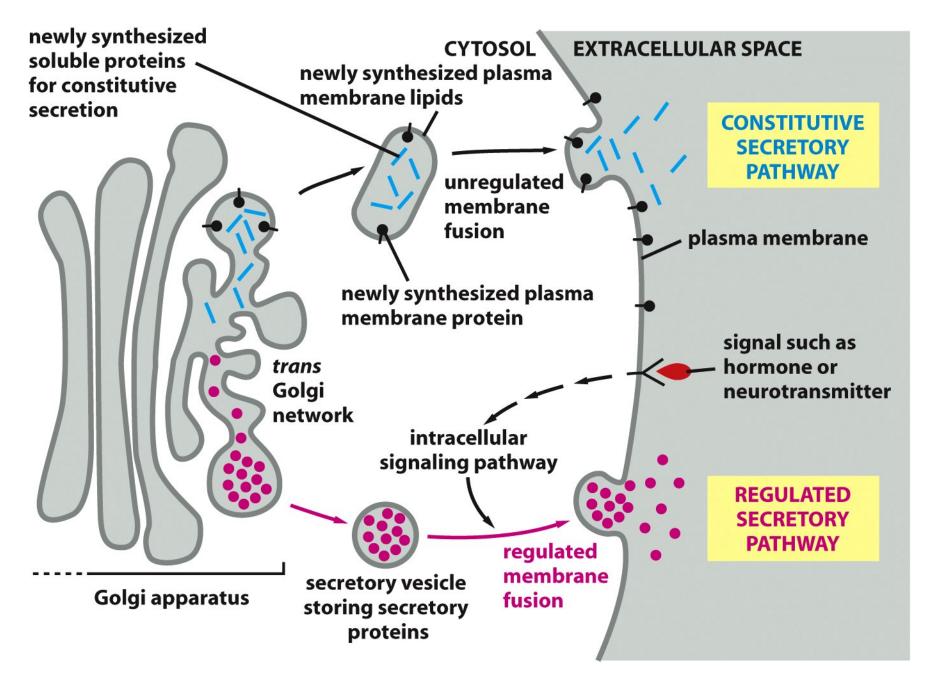
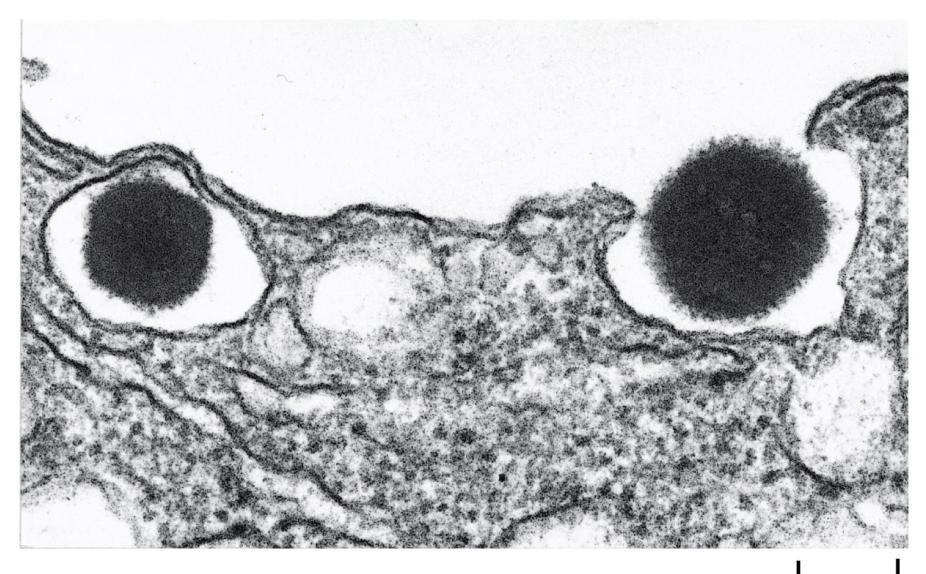


Figure 13-63 Molecular Biology of the Cell (© Garland Science 2008)



0.2 μm

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