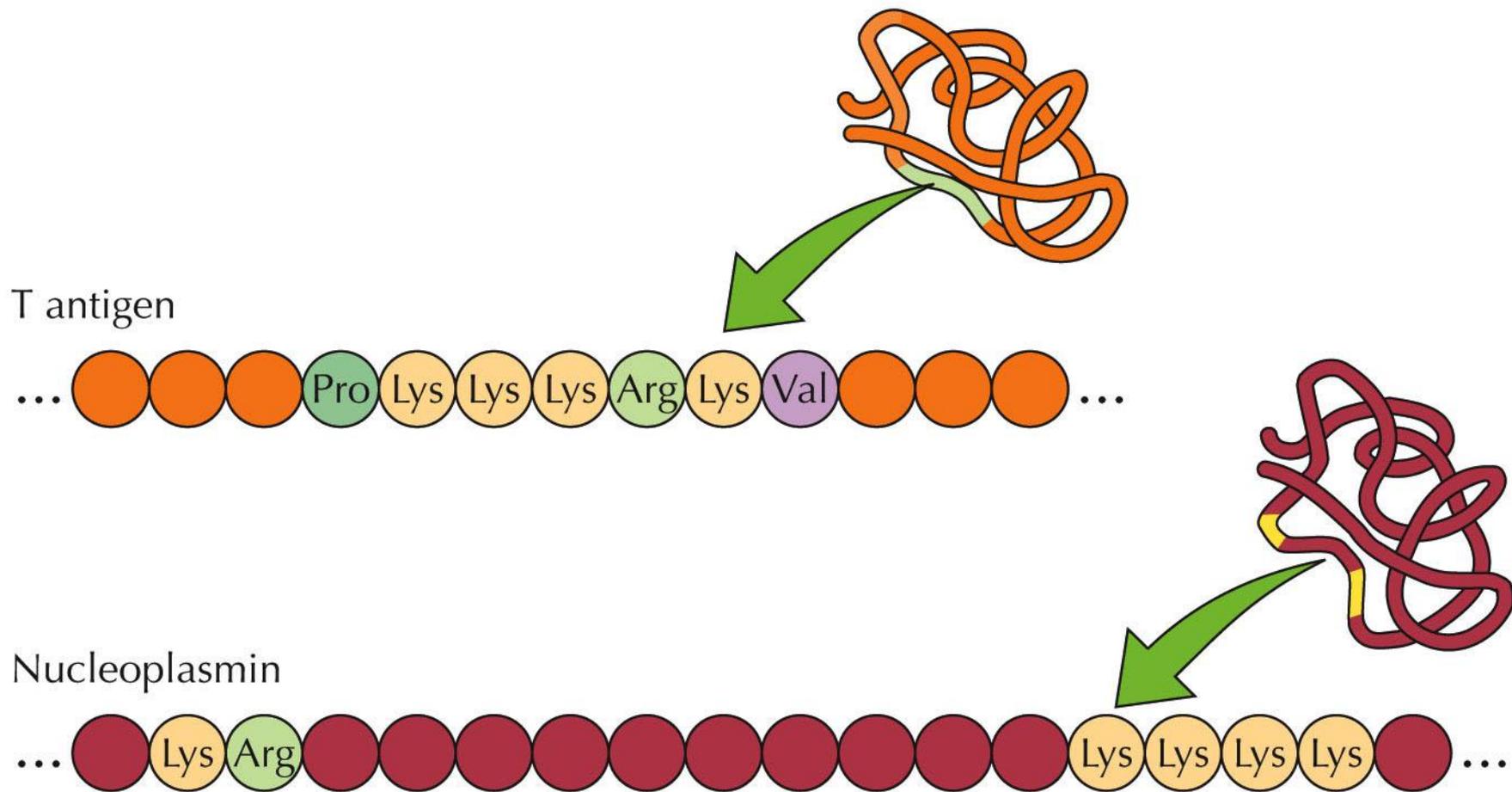
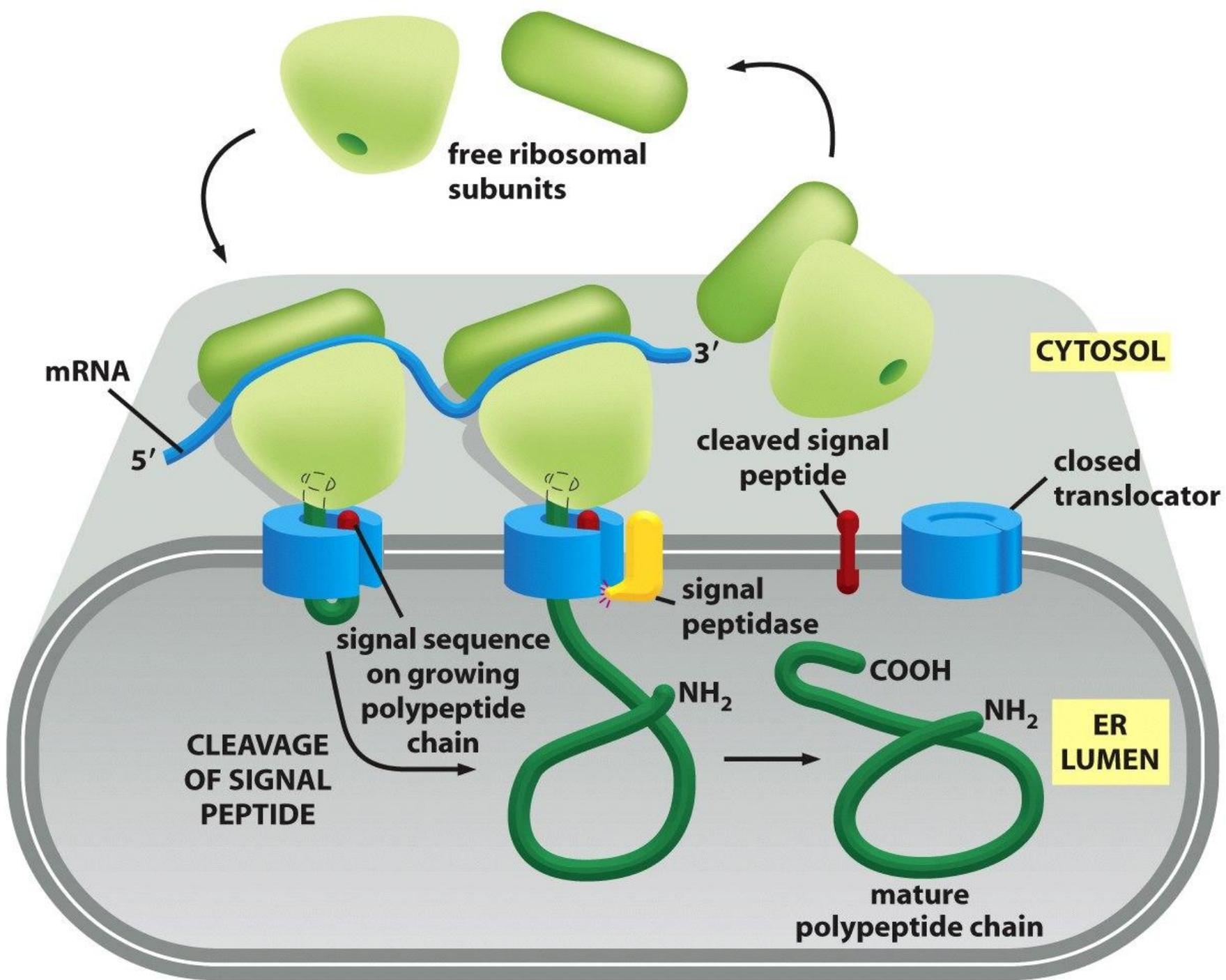




СОРТИРОВКА БЕЛКОВ. ВЕЗИКУЛЯРНЫЙ ТРАНСПОРТ.

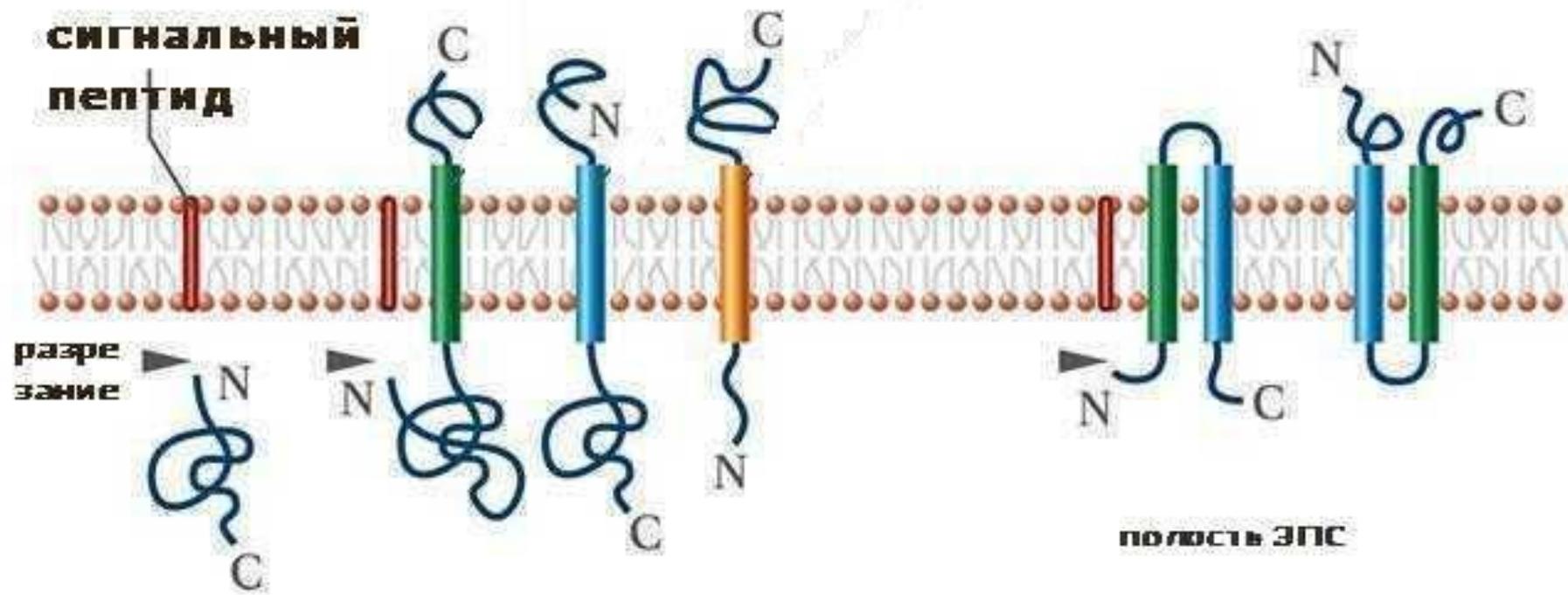


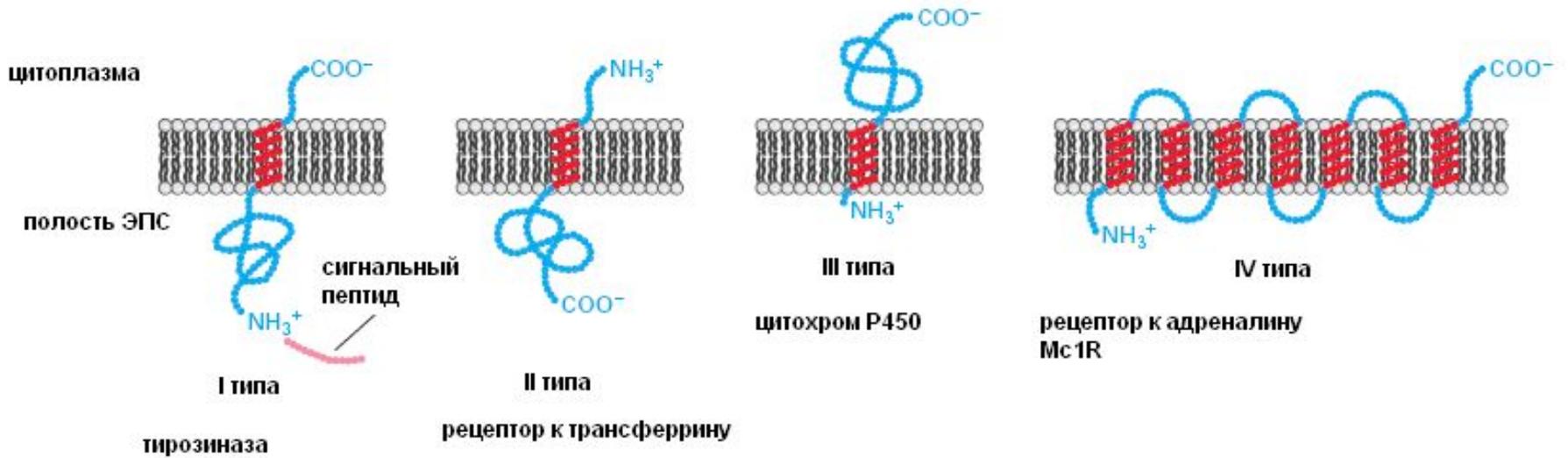


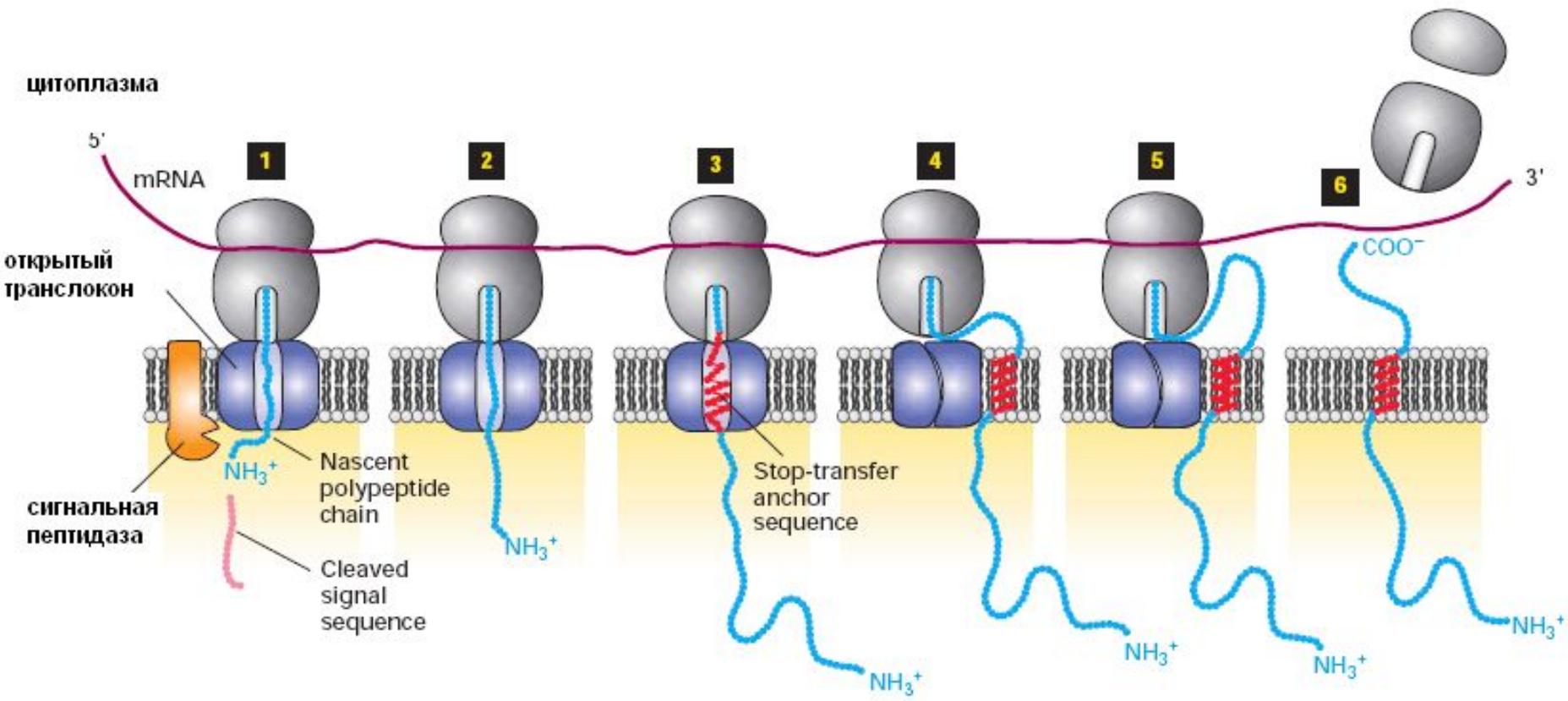
секреторные белки

трансмембранные белки

трансмембранные белки



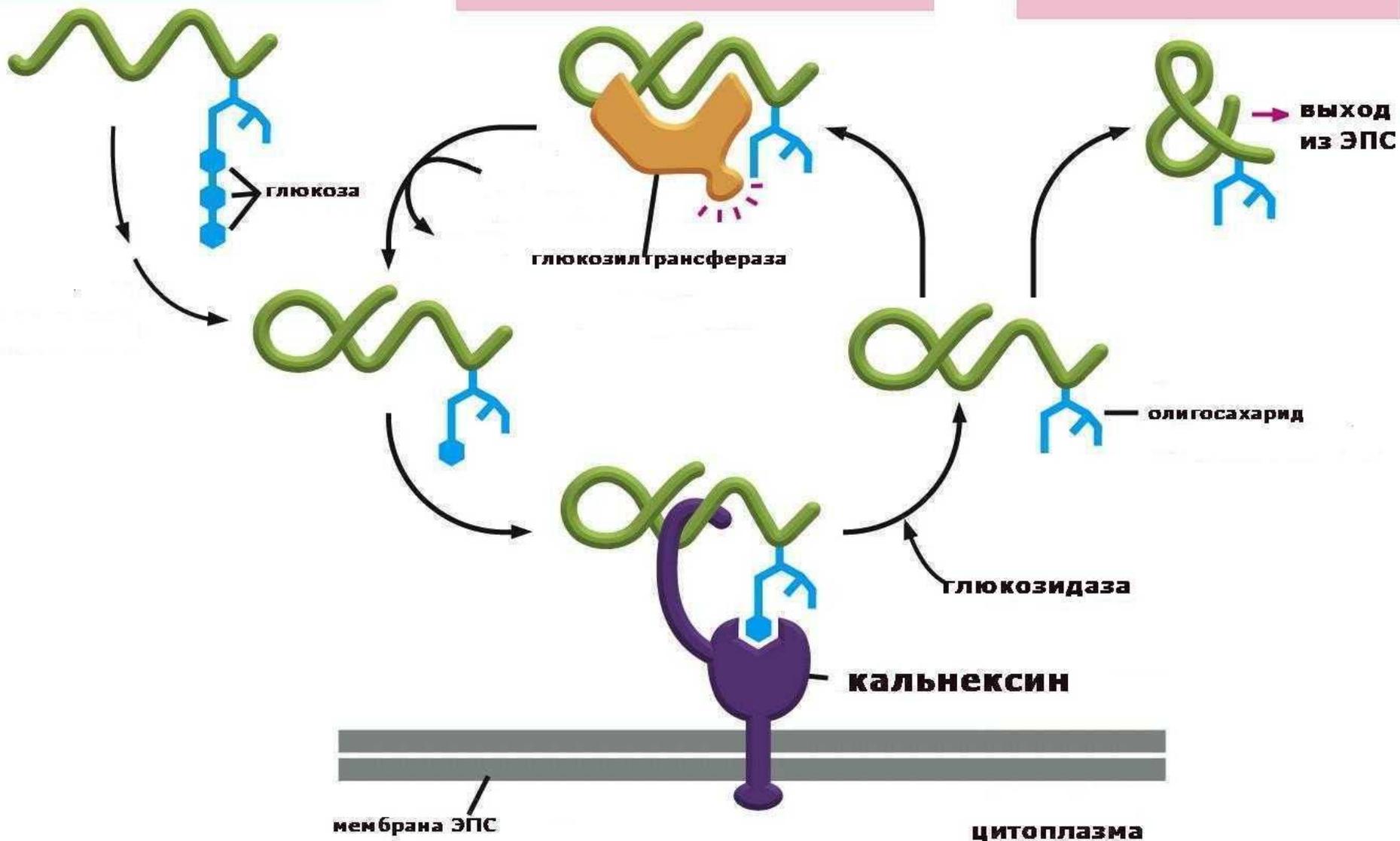


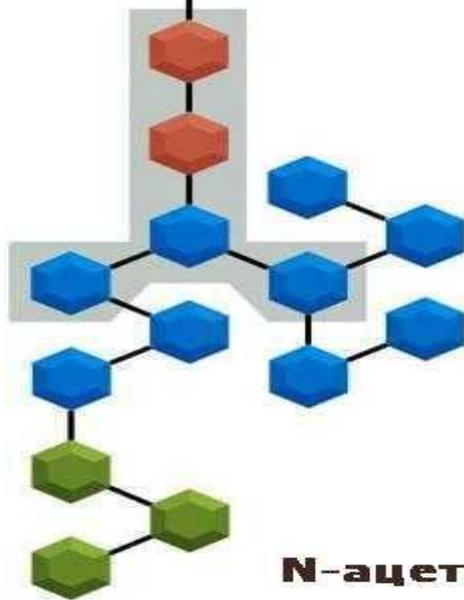
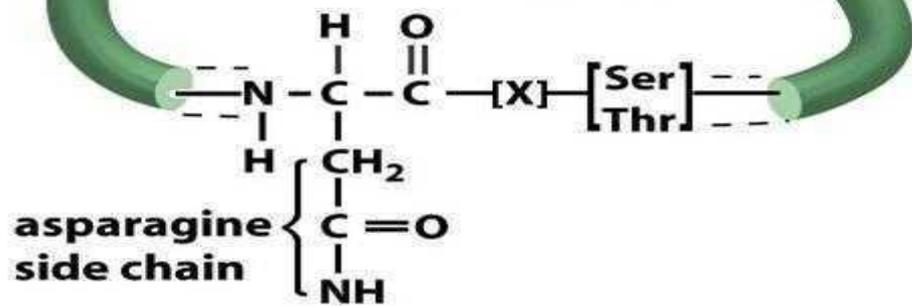
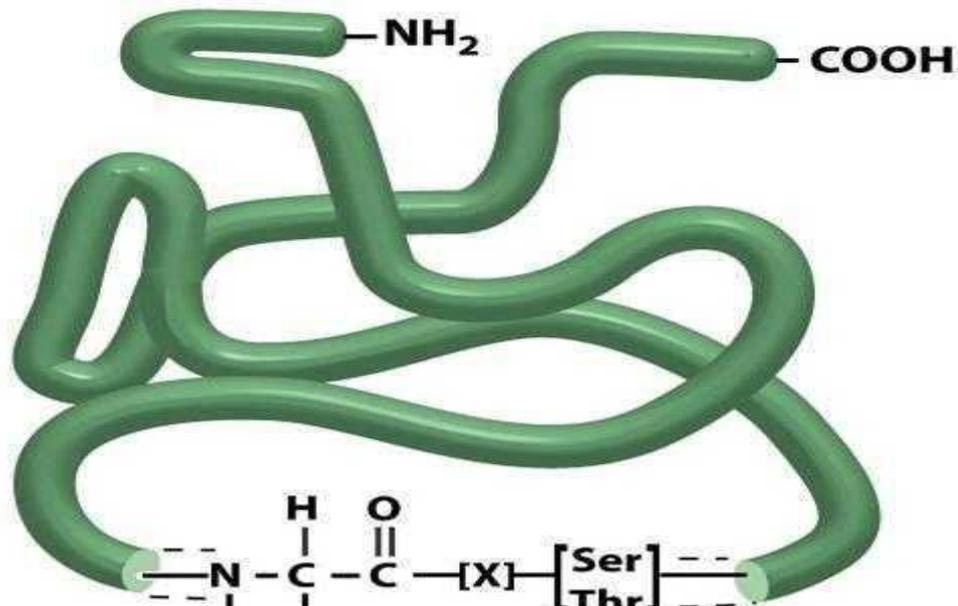


несвернутые

не полностью свёрнутые

правильно свёрнутые

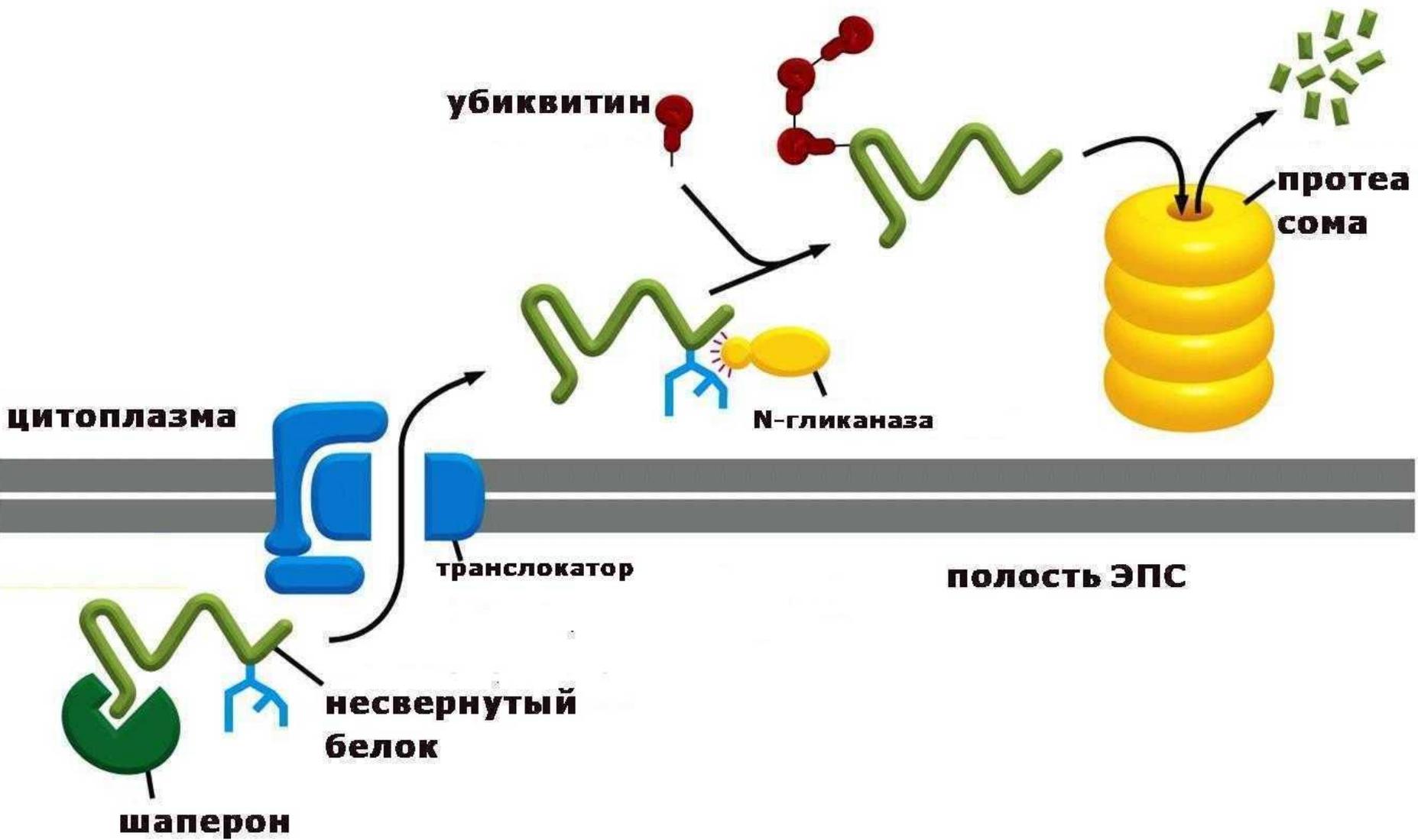


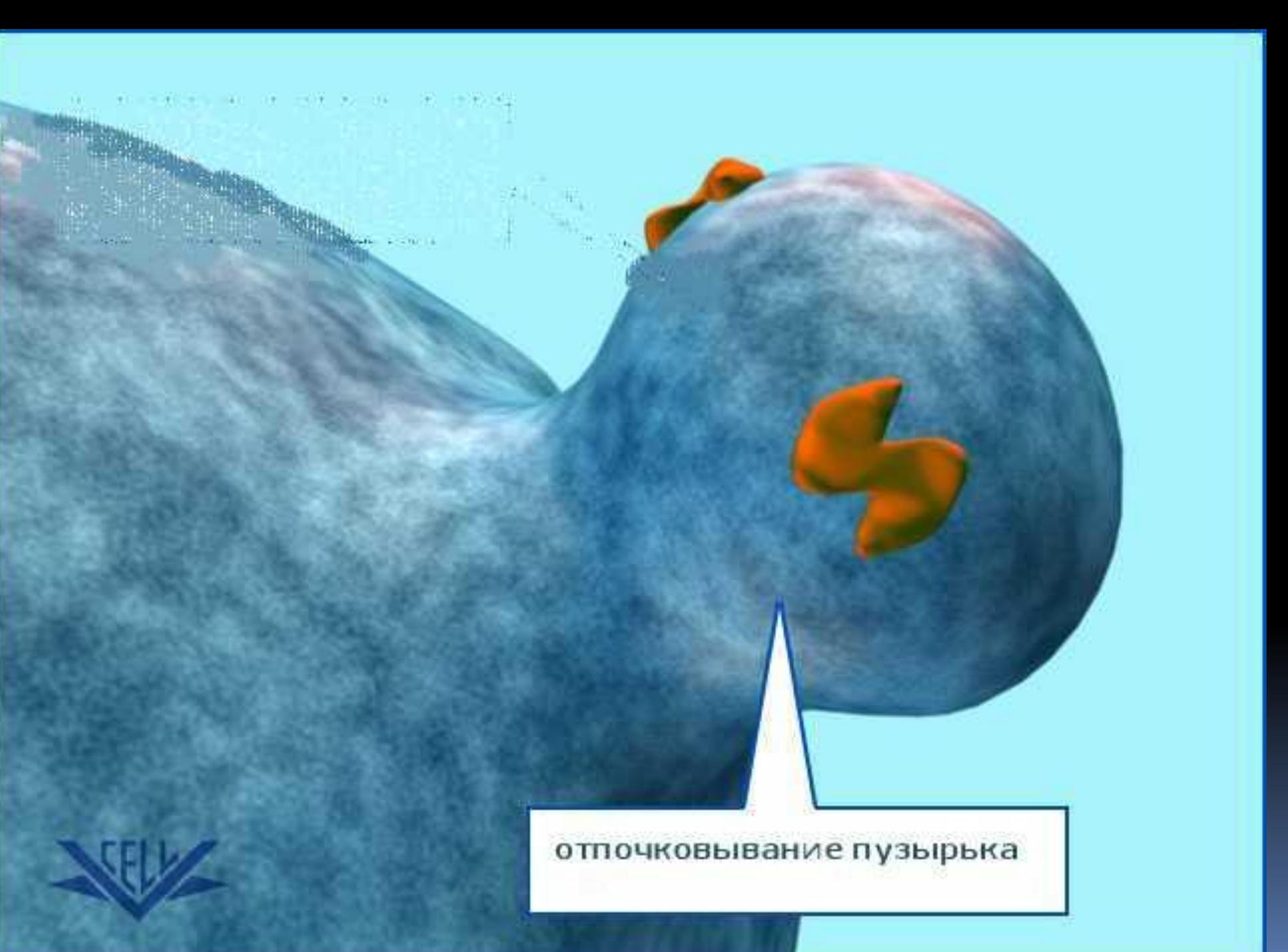


ГЛЮКОЗА = 

МАННОЗА = 

N-ацетилглюкозамин = 

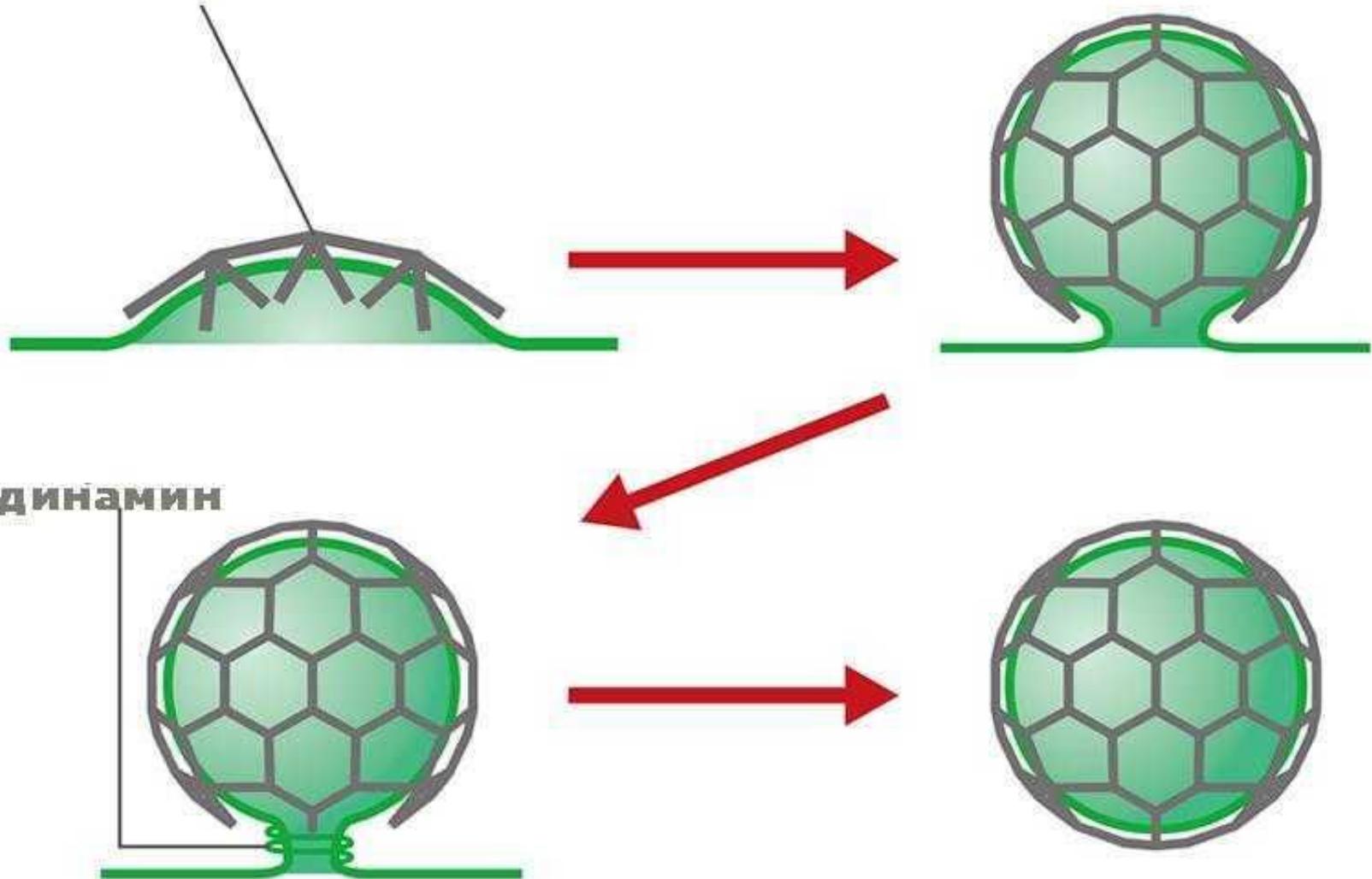


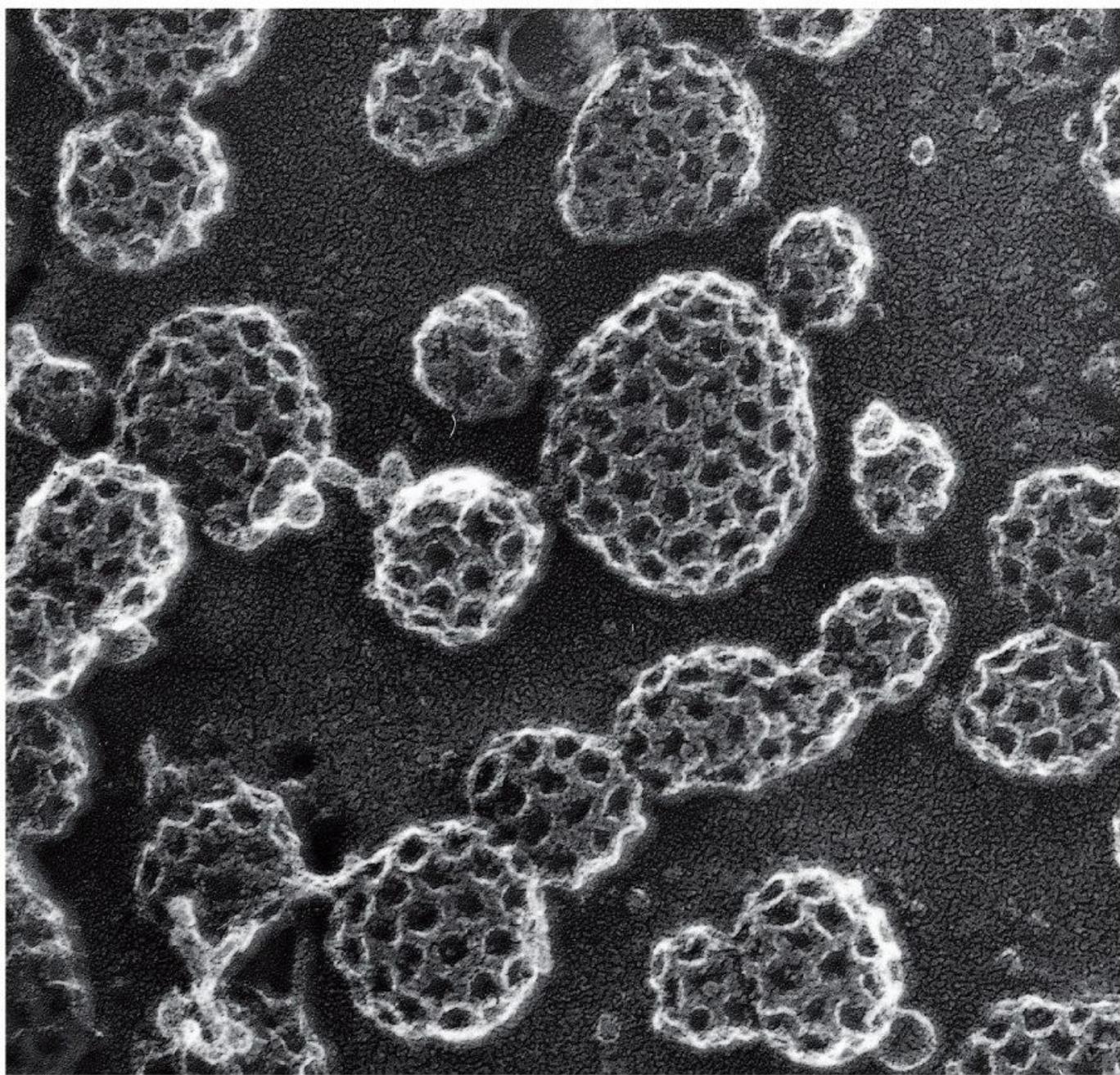


отпочковывание пузырька



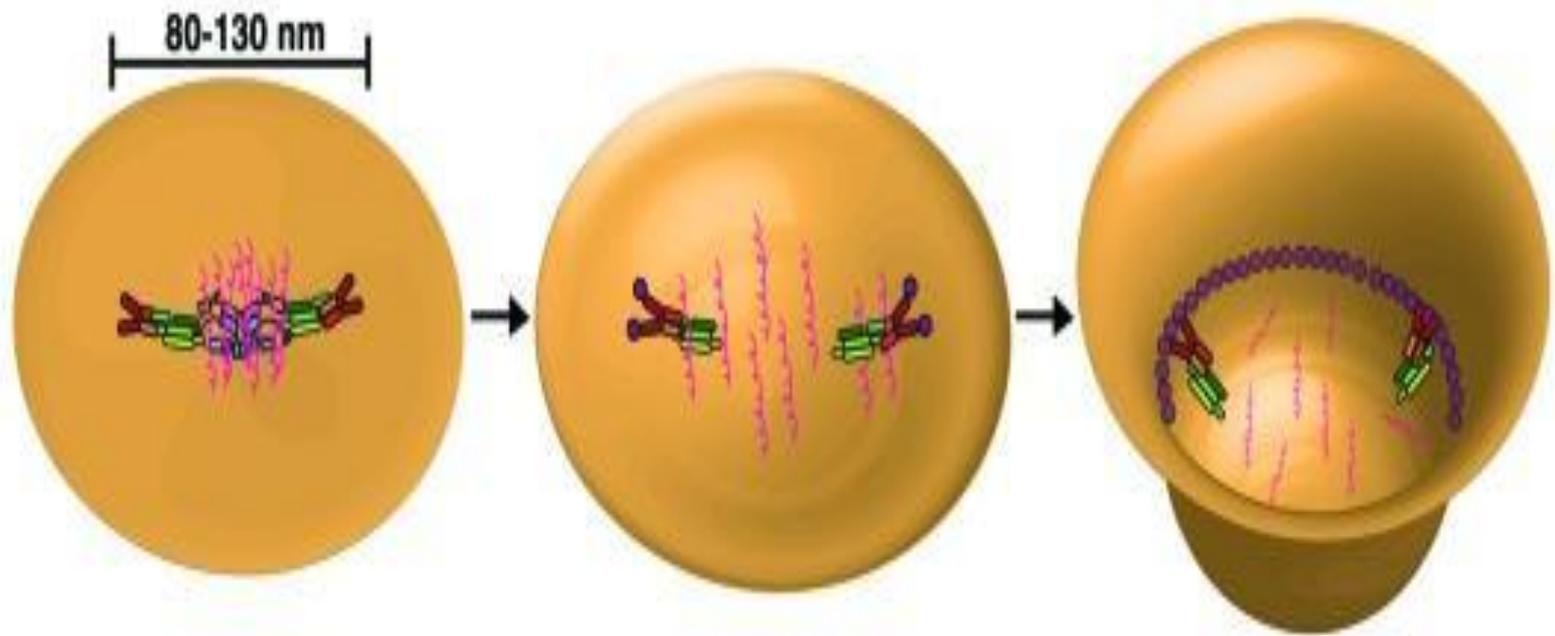
С) **клатрины**

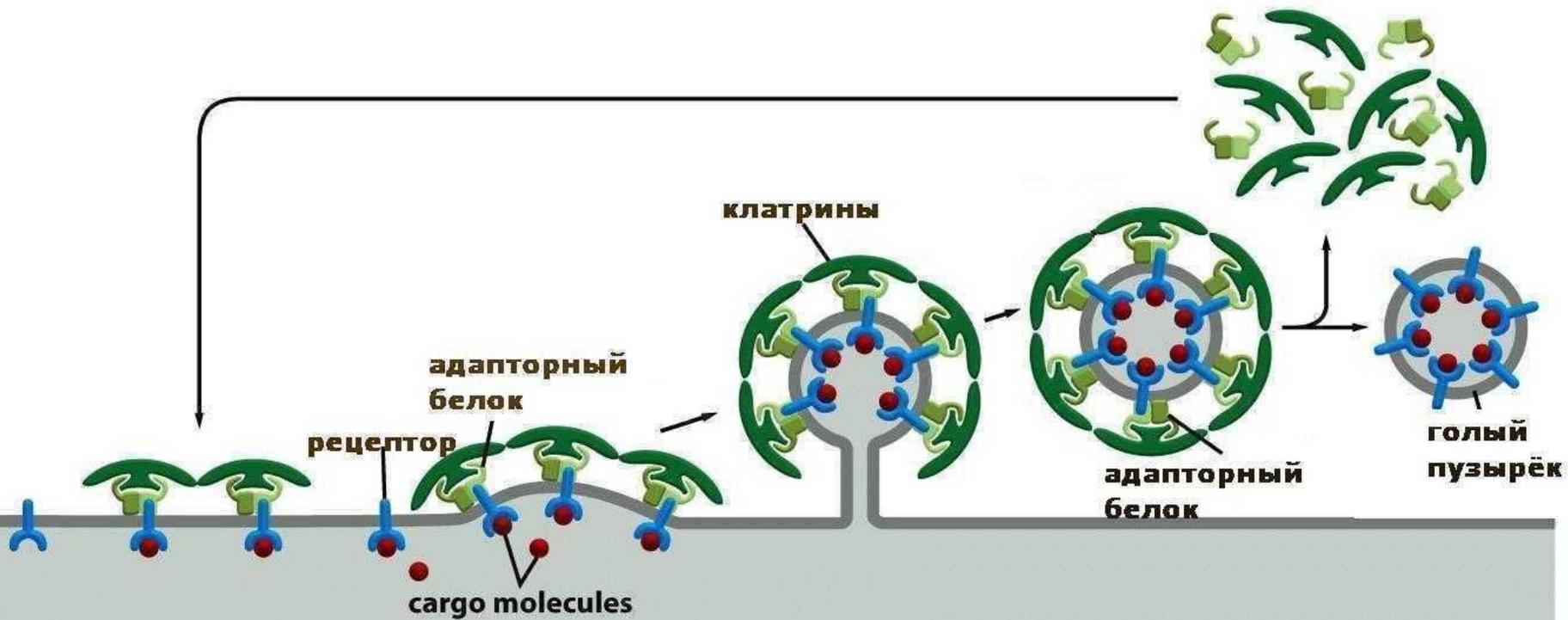




0.2 mm

- ESCRT-0
- ESCRT-I
- ESCRT-II
- ESCRT-III
- Cargo





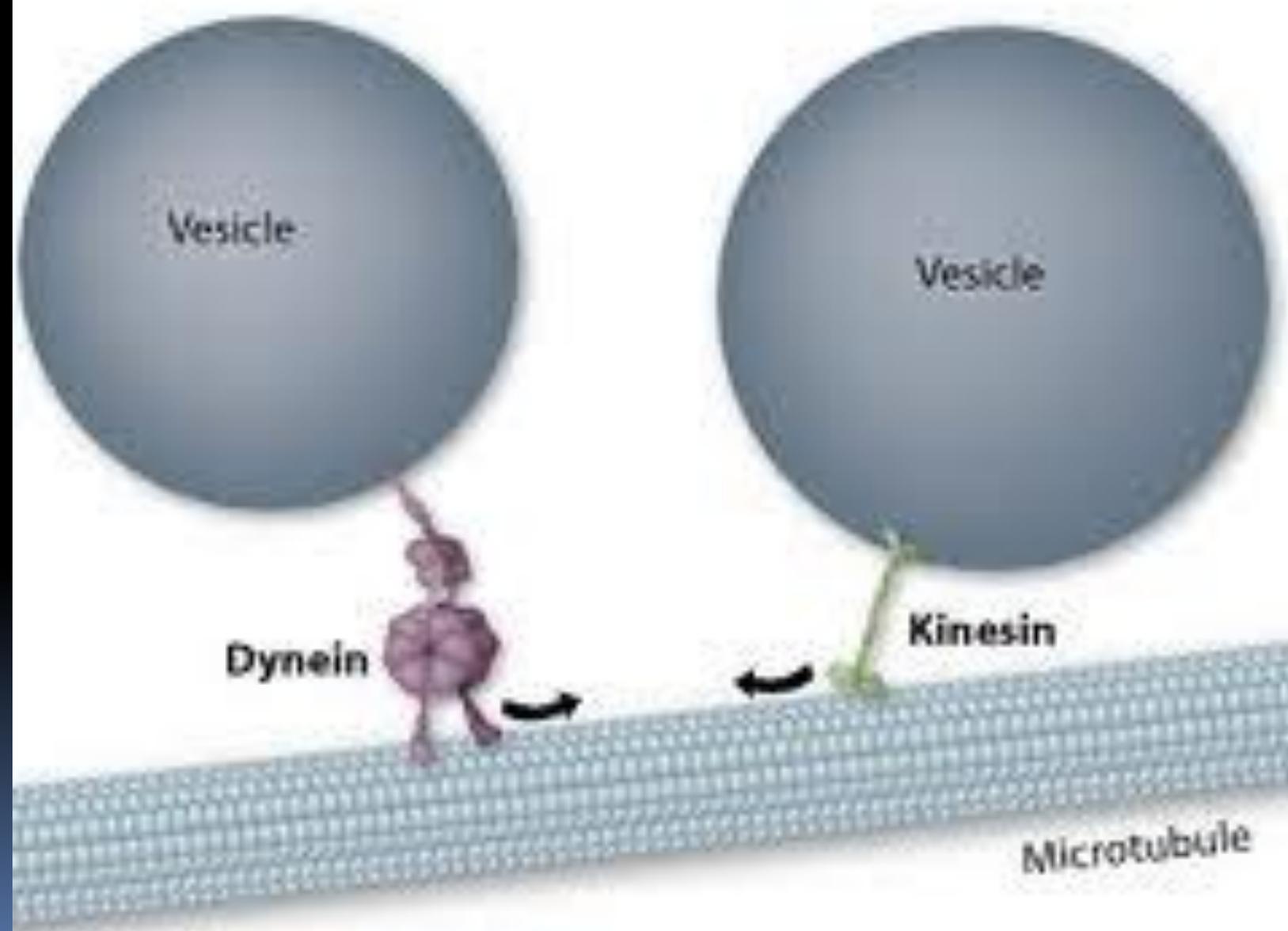
связывание груза с рецепторами и клатринами

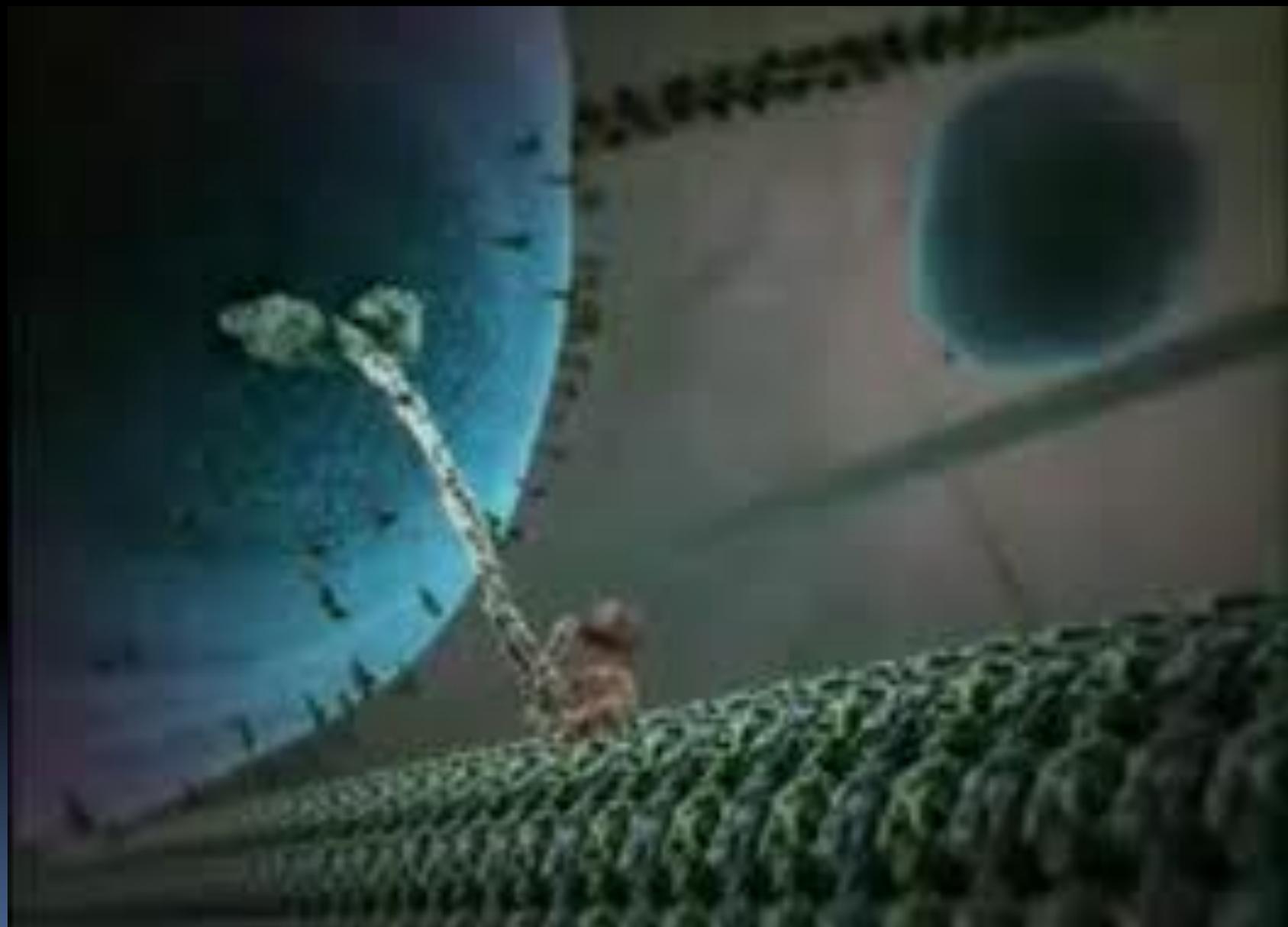
формирование почки

формирование пузырька

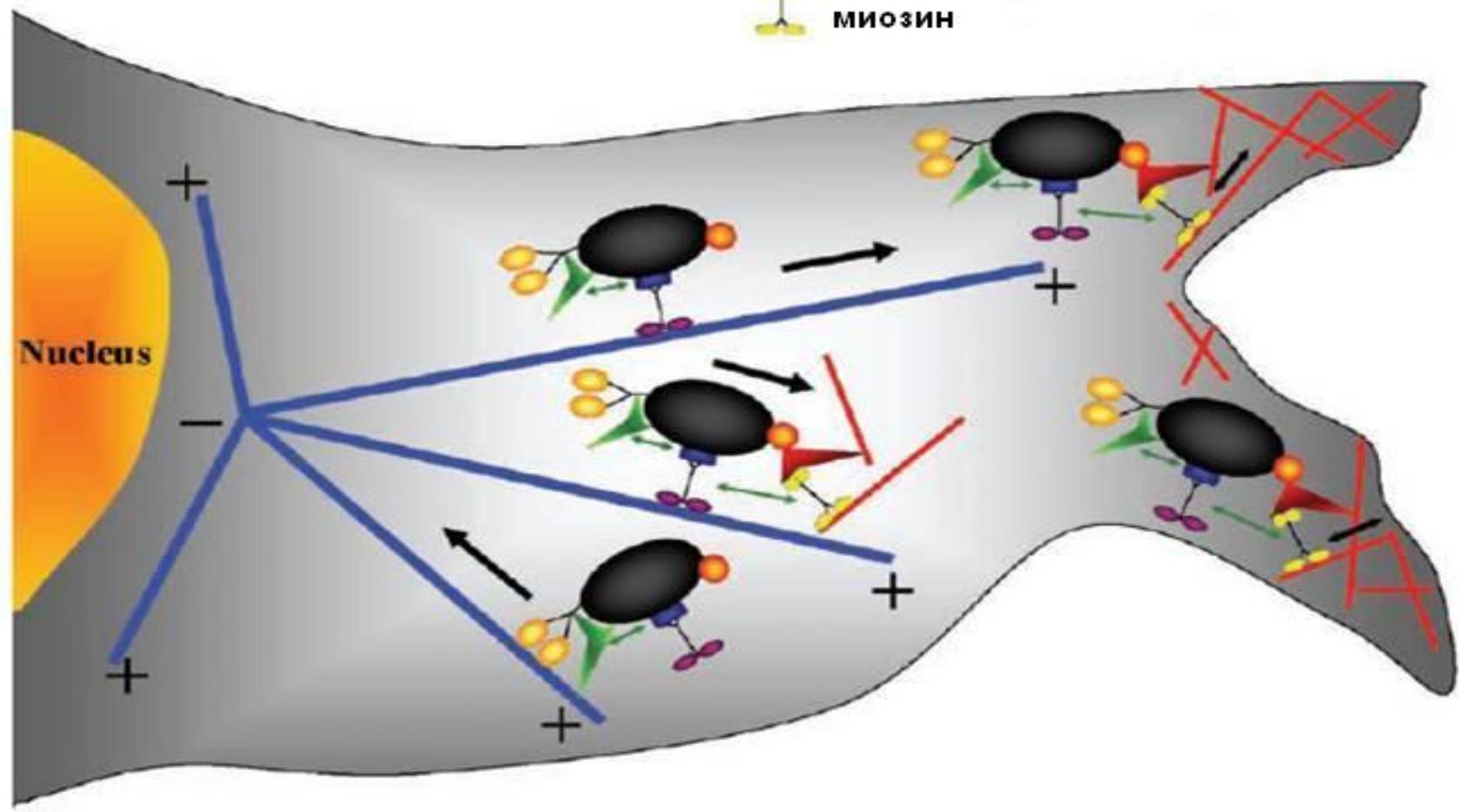
раздевание пузырька

Vesicles Travel Cellular Highways





-  микротрубочки
-  актиновые нити
-  меланосома
-  Rab27a
-  меланофилин
-  миозин
-  кинезин
-  KAP
-  динеин



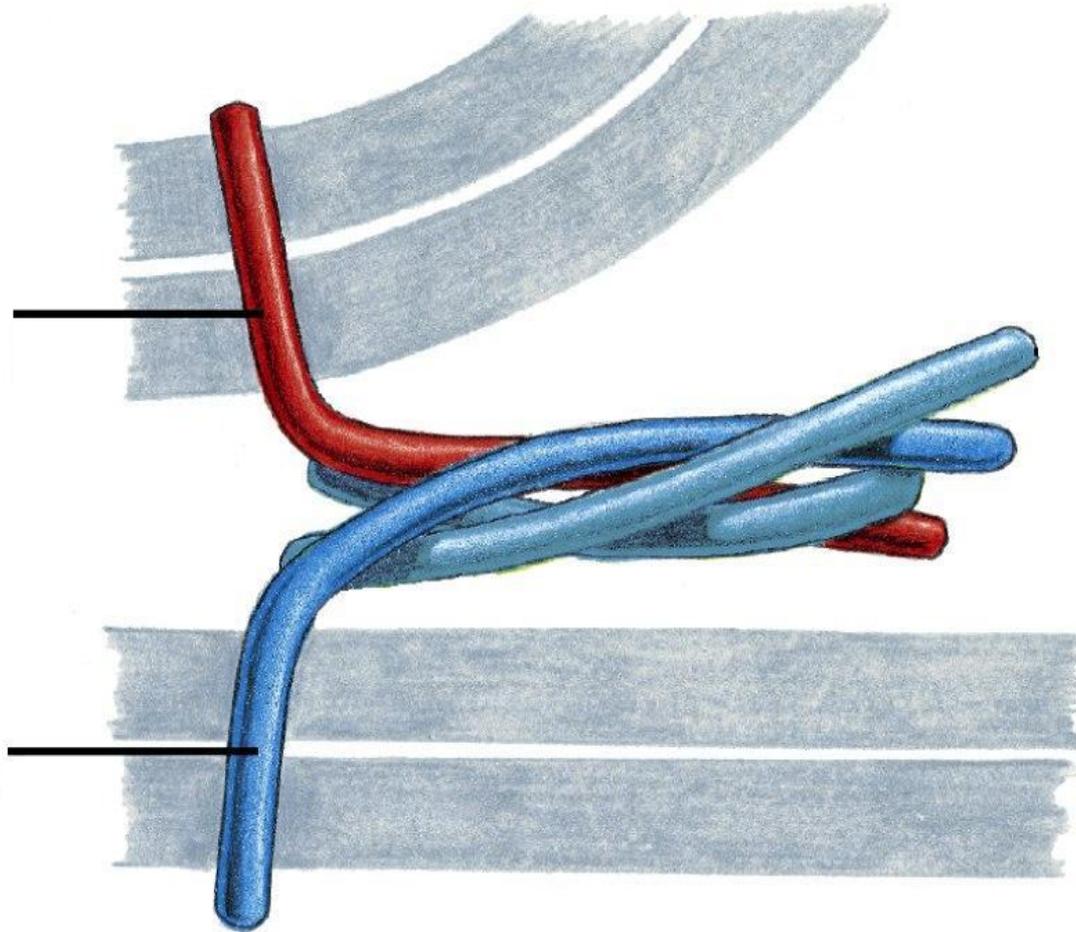
Эффекторы Rab белков:

-молекулярные моторы

-причальные белки

-белки, связывающие Rab со SNARE

v-SNARE



**t-SNARE
(Snap25)**

t-SNARE

Figure 13-16 Molecular Biology of the Cell 5/e (© Garland Science 2008)

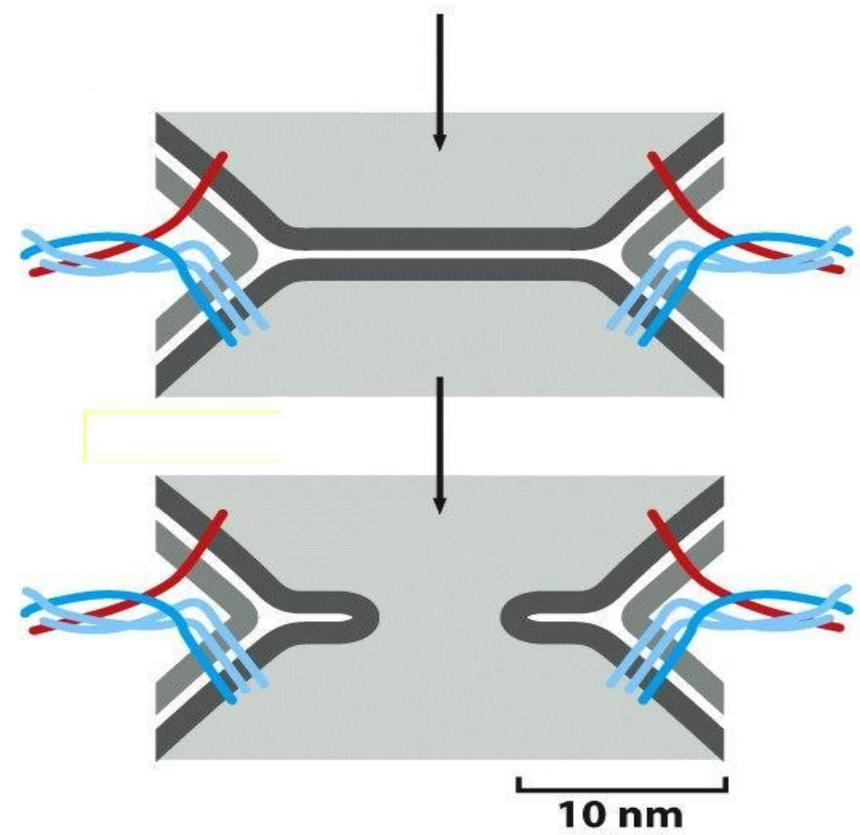
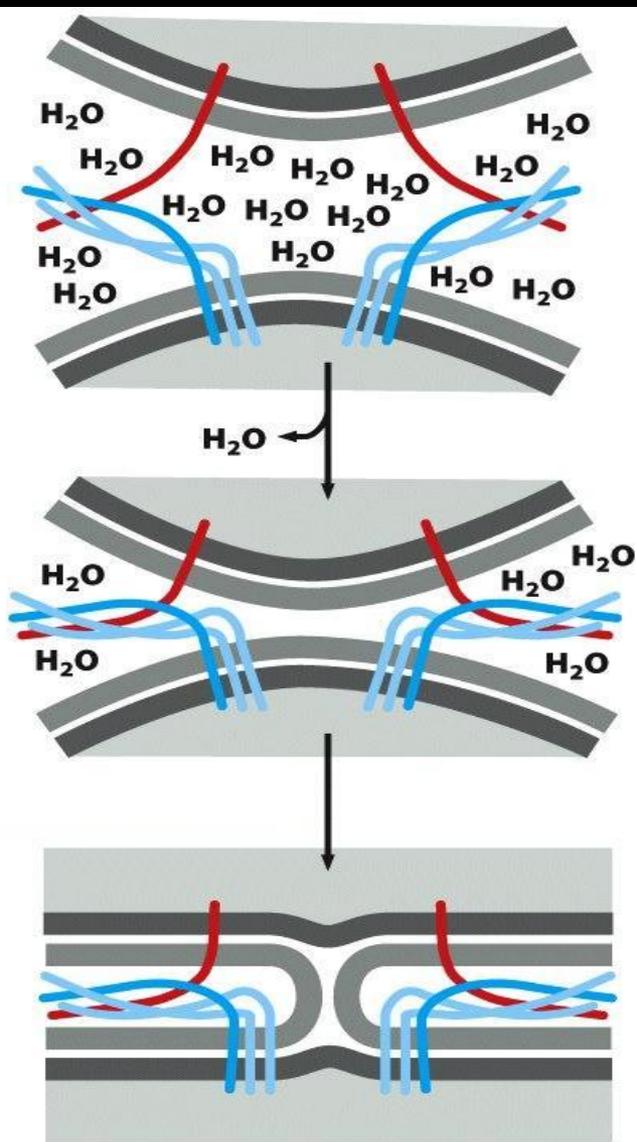


Figure 13-17 Molecular Biology of the Cell 5/e (© Garland Science 2008)

