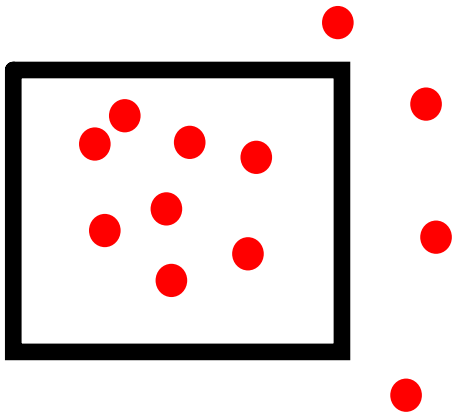
Chapter 4-2

Oct 24-8:17 PM

Sometimes things _____ to transported into the cell which might be _____ the concentration gradient.



Transporting against the concentration gradient is called

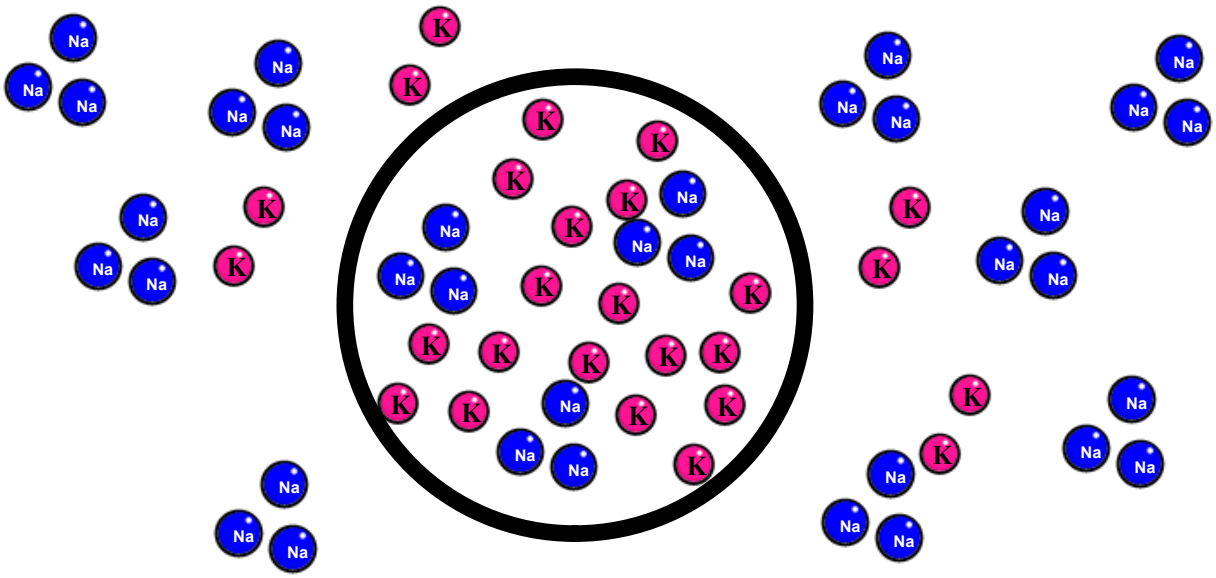
_____

_____.

This requires the cell to _____ ATP (energy)

Oct 17 - 2:11 PM

Sodium-Potassium Pump



Oct 17 - 2:17 PM

The sodium-potassium pump does two things:

1. Prevents sodium from accumulating inside the cell. Sodium _____ into the cell.

2. Maintains the sodium and _____ gradients.

Many substances are to large to be transported by _____ _____.

Endocytosis- movement of a _____ into a cell by a vesicle.

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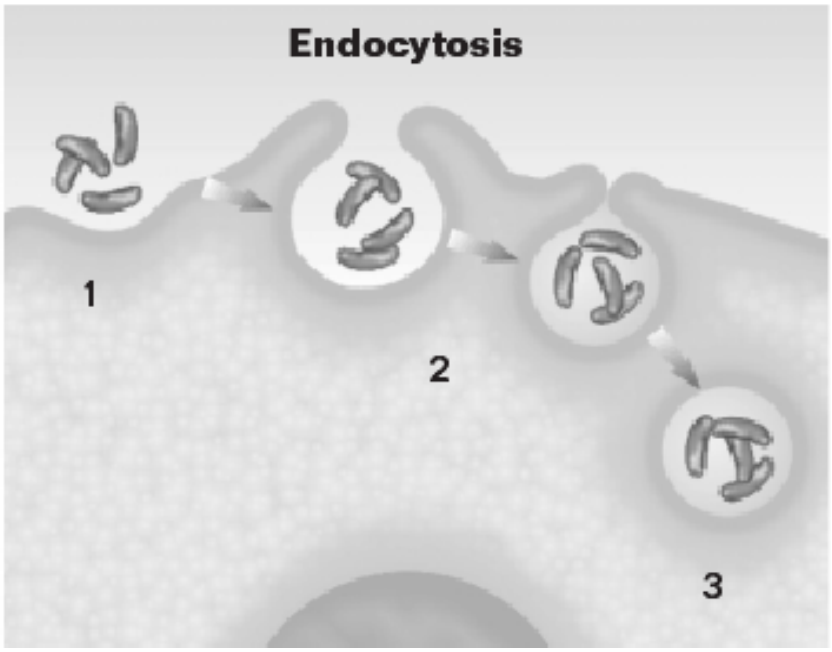


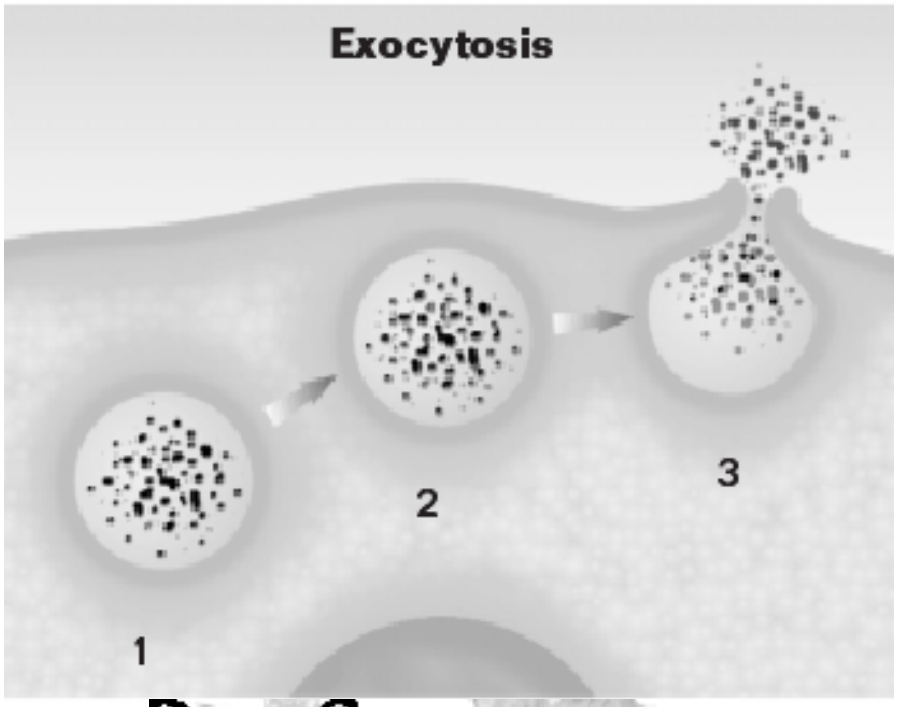
BIOSOURCES

TRANSPARENCY MASTER

Exocytosis-

_____

of a substance by a vesicle to the _____ of a cell



BIOSOURCES

TRANSPARENCY MASTER

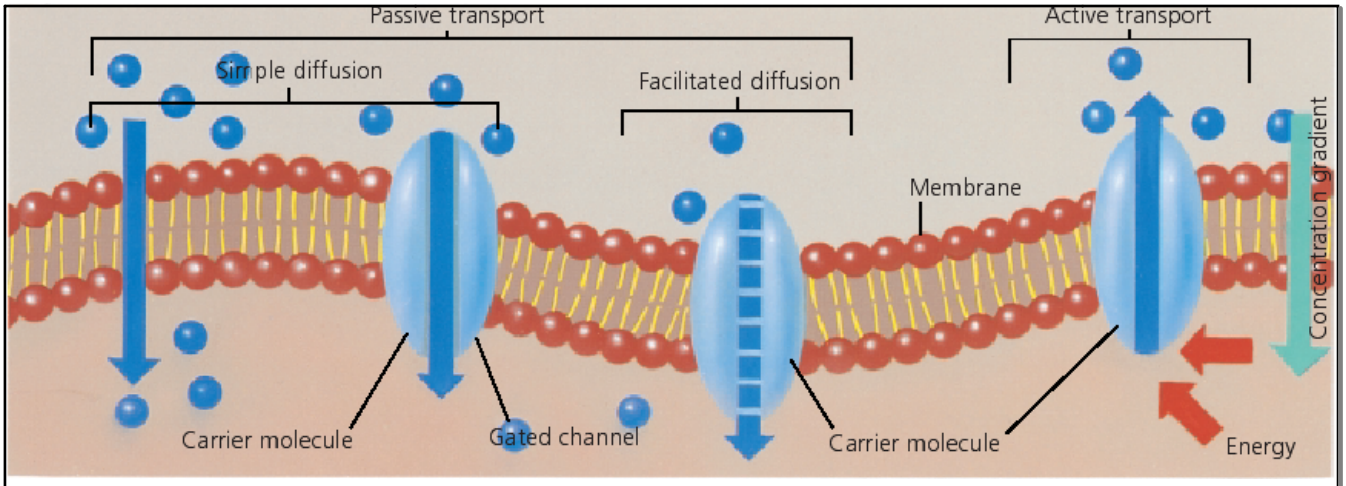
Receptor proteins do three things

1. Can change

making an ion channel stay open.

2. It can make _____ messengers that act as a signal _____ in the cytoplasm.

3. It can activate enzymes in cells or _____ other chemical reactions.



BIOSOURCES
TEACHING TRANSPARENCIES

Video