# Passzív diffúzió

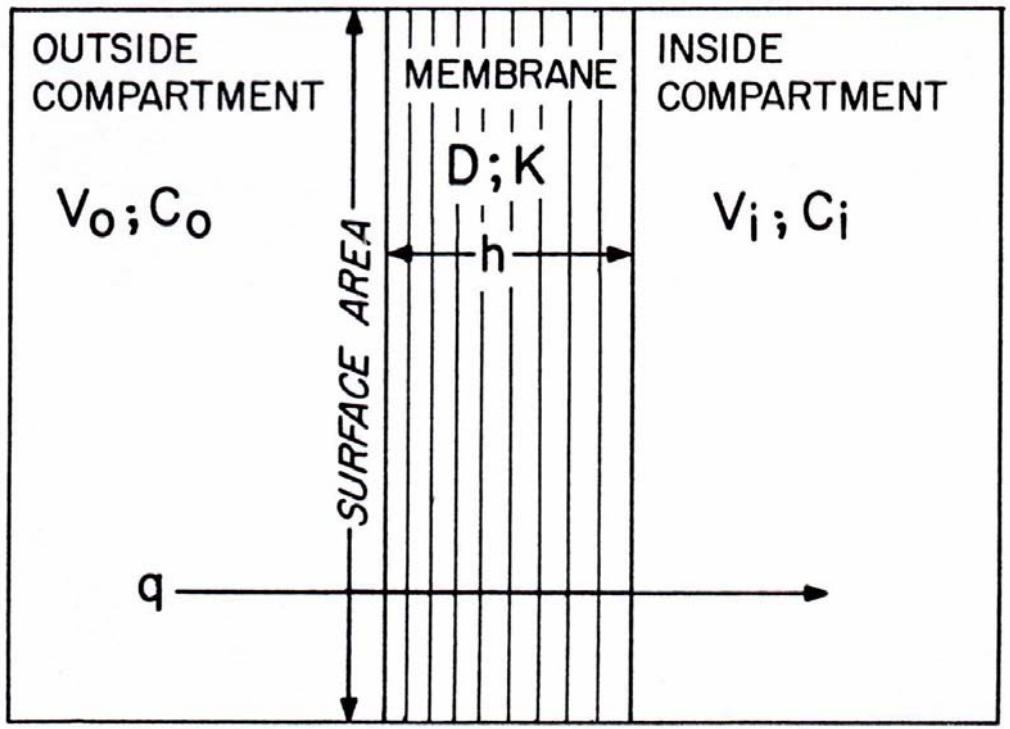


**Figure 6-2.** Schematic diagram characterizing transport of a drug in solution across a membrane by passive diffusion.

$V_o$ = volume of outside compartment
$V_i$ = volume of inside compartment
$C_o$ = drug concentration in outside compartment
$C_i$ = drug concentration in inside compartment
D = diffusion constant of drug in lipoid material
k = partition coefficient
h = membrane thickness
q = transport stream [mass of solute diffused per unit time across the membrane]

# Konvektív transzport

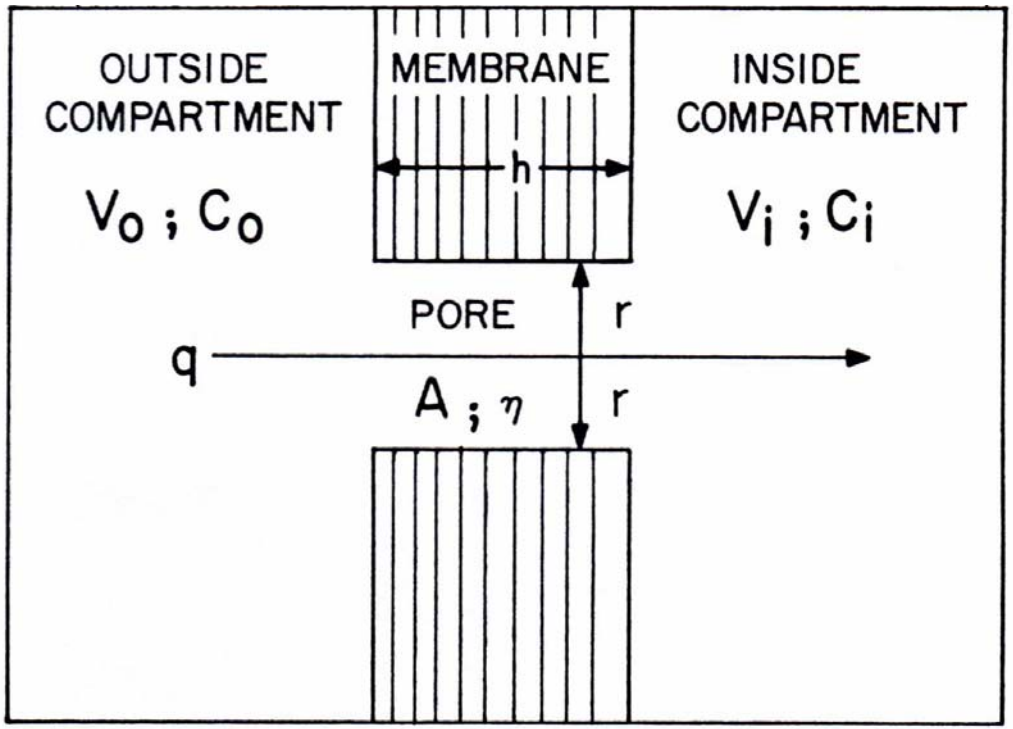


**Figure 6-3.** Schematic diagram characterizing transfer of a drug in solution across a membrane by convective transport.

$V_o$ = volume of outside compartment
$V_i$ = volume of inside compartment
$C_o$ = drug concentration in outside compartment
$C_i$ = drug concentration in inside compartment
n = number of pores
h = thickness of membrane
r = radius of pore
A = surface area of pore
$\eta$ = viscosity of fluid in pore
q = transport stream [mass of solute diffusing per unit time across the membrane]

# Konvektív transzport 2.

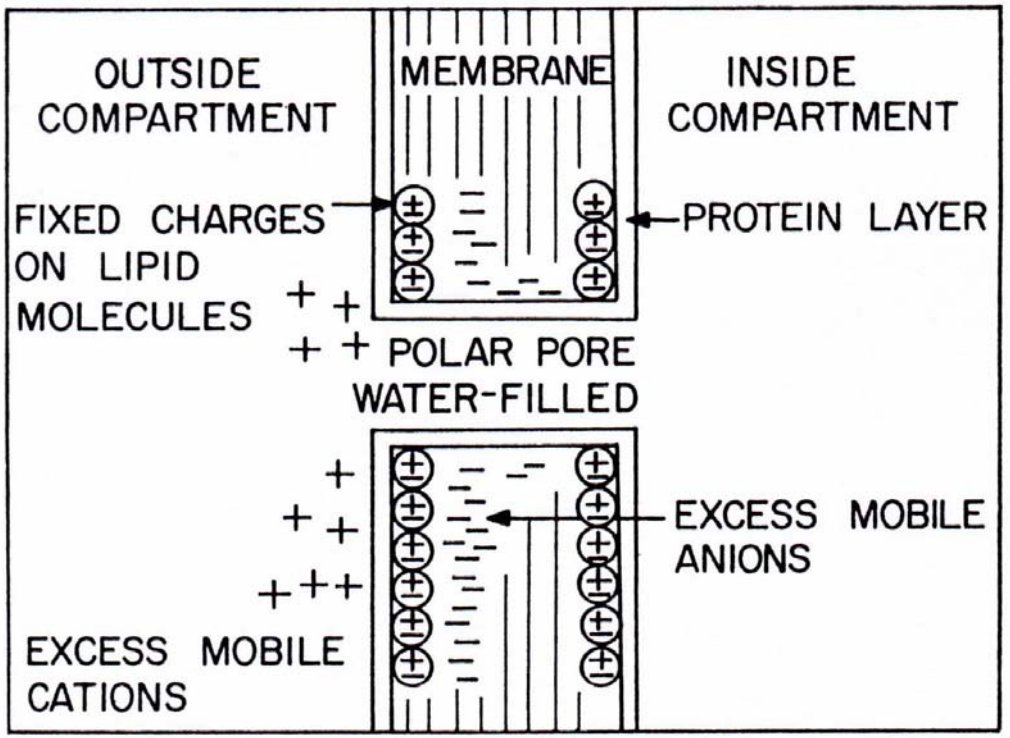


**Figure 6-4.** Schematic diagram characterizing transfer of small ions across a membrane by convective transport.

# Aktív transzport

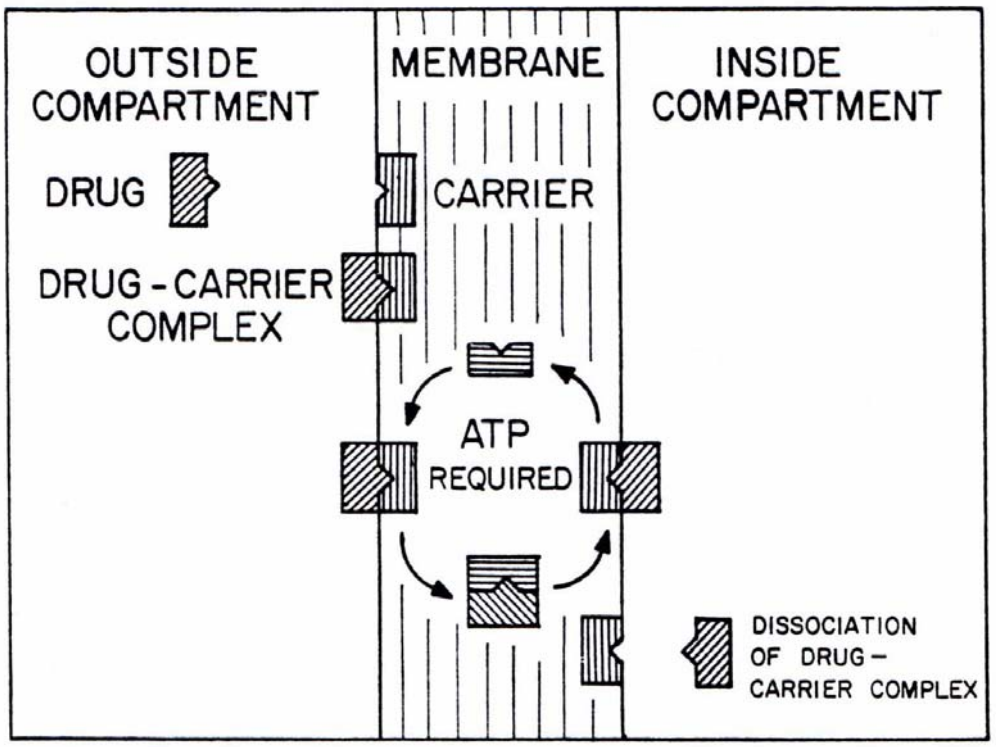


**Figure 6-5.** Schematic diagram characterizing transport of a drug in solution across a membrane by active transport.

# Facilitált transzport

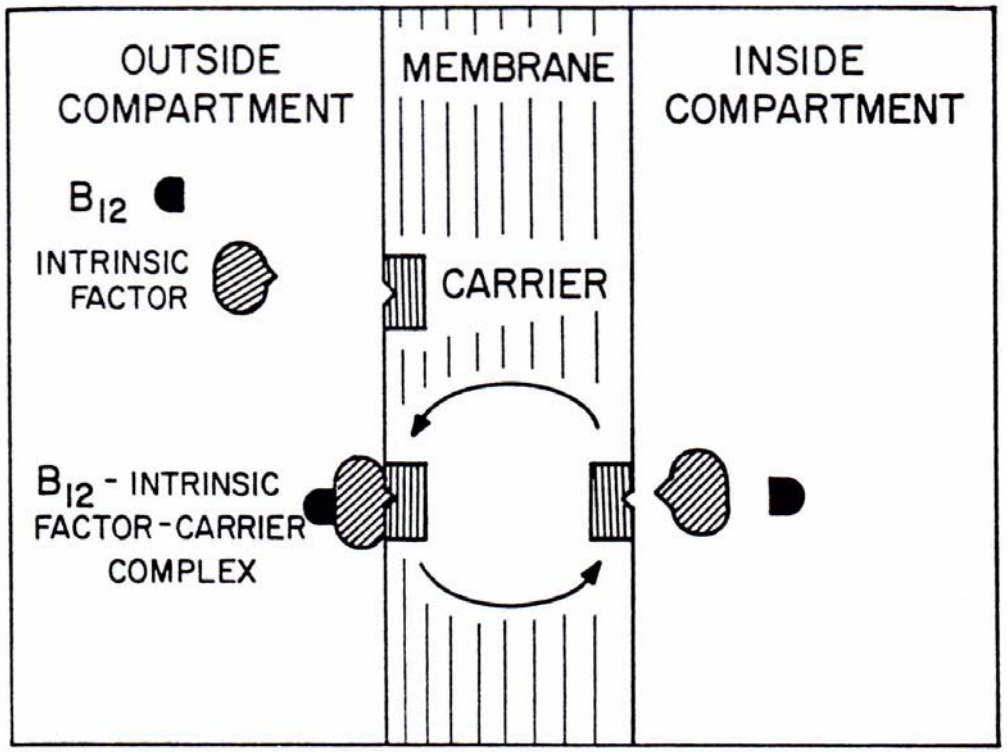


**Figure 6-8.** Schematic diagram characterizing transfer of a drug in solution across a membrane by facilitated transport.

# Ion-pár transzport

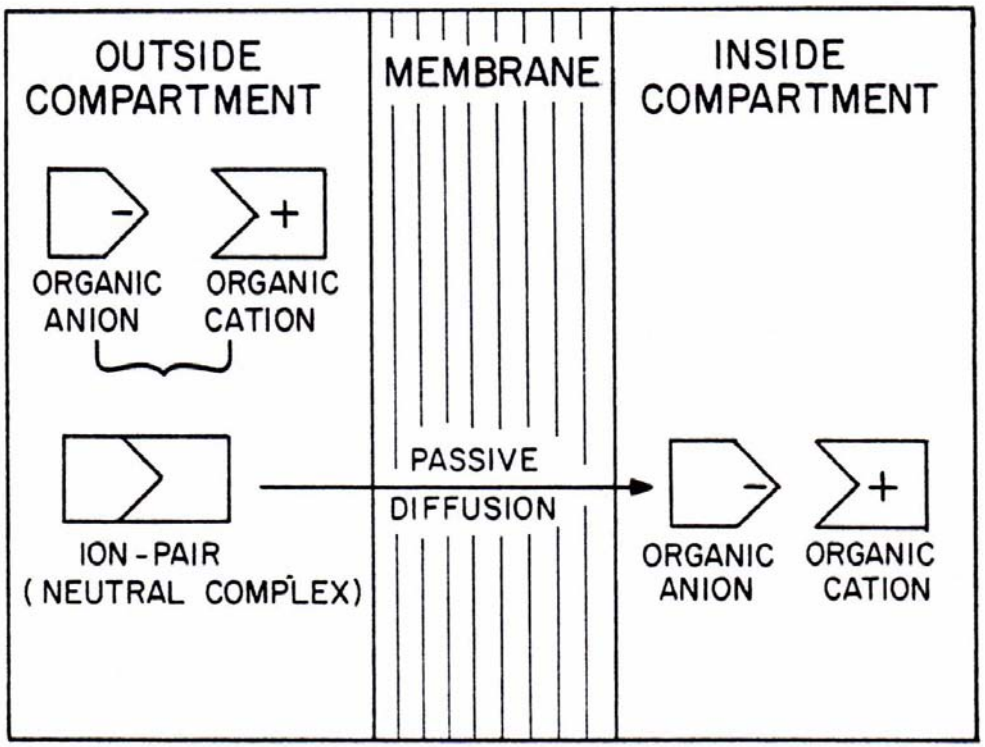


**Figure 6-9.** Schematic diagram characterizing transfer of a drug in solution across a membrane by ion-pair transport.

# Pinocitózis

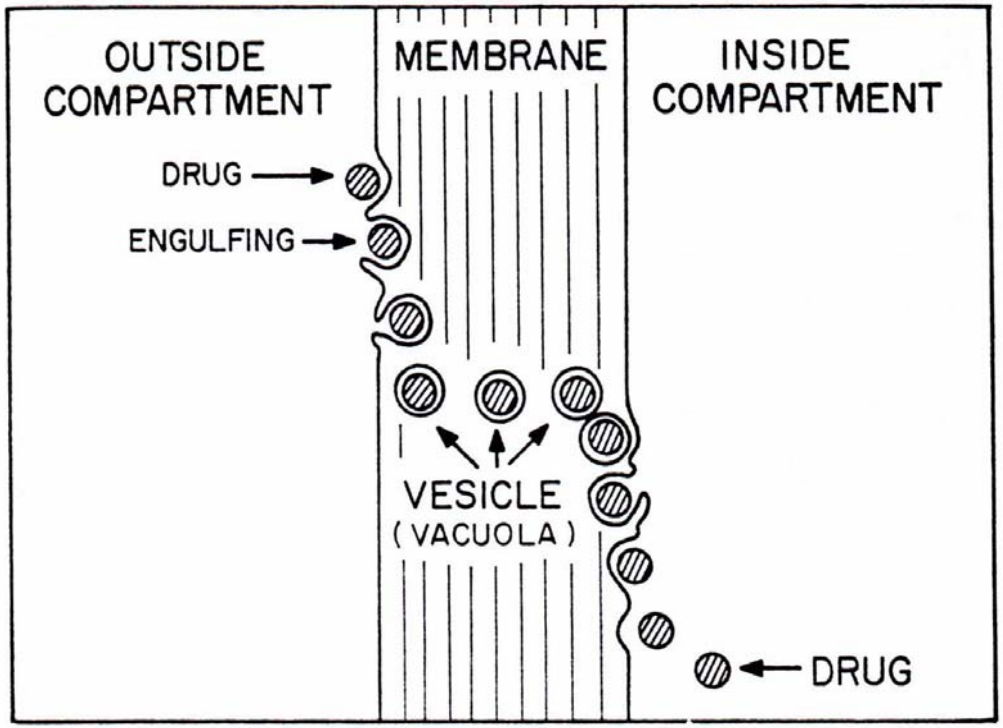


**Figure 6-10.** Schematic diagram characterizing transfer of particulate matter or oil droplets across a membrane by pinocytosis.