

# MEMBRANE TRANSPORT

<b>PASSIVE TRANSPORT</b>	<b>ACTIVE TRANSPORT</b>
NO ENERGY NEEDED NO ATP REQUIRED	REQUIRES THE USE OF ENERGY IN THE FORM OF ATP
DOWN A CONCENTRATION GRADIENT FROM HIGH TO LOW CONCENTRATION	AGAINST A CONCENTRATION GRADIENT FROM LOW TO HIGH CONCENTRATION
FACILLITATED DIFFUSION REQUIRES THE USE OF PROTEIN CARRIER/TRANSPORT MOLECULES	SOME TYPES REQUIRE THE USE OF PROTEIN CARRIER/TRANSPORT MOLECULES
INCLUDES OSMOSIS AND SIMPLE DIFFUSION WHICH DO NOT REQUIRE ANY SPECIAL PROTEIN CARRIER/TRANSPORT MOLECULES	INCLUDES ENDOCYTOSIS – MOVEMENT OF LARGE MOLECULES INTO A CELL (CELL MEMBRANE FOLDS AROUND THE MOLECULES)