

Download Methods In Membrane Biology

For almost 30 years, biological scientists have come to rely on the research protocols and methodologies in the critically acclaimed *Methods in Molecular Biology* series. The series was the first to introduce the step-by-step ...

Membrane Diffusion The simplest kind of transport is the unassisted diffusion of solutes across membranes (see Figure 1a). The kinds of molecules that transit in this fashion are more soluble in oil than water and so readily dissolve in and then spontaneously traverse the nonpolar lipid core of the membrane bilayer.

Membrane Proteins - Bumpy Surfaces We have a page on the basic structure of the cell membrane and other membranes within the cell. They are basic bilayers made of lipids that surround the cell and organelles.

Active Transport - Energy to Transport Active transport describes what happens when a cell uses energy to transport something. We're not talking about phagocytosis (cell eating) or pinocytosis (cell drinking) in this section. We're talking about the movement of individual molecules across the cell membrane. The liquids inside and outside of cells have different substances.

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