The Cell Membrane

Do Now: Macromolecule Review

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Macromolecule | Proteins |  | Nucleic Acids |  |
| Monomers |  | monosaccharides |  | Lipids |

Organelles are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . They are like the \_\_\_\_\_\_\_\_\_\_\_ of an organism

Systems

A system is a group of related \_\_\_\_\_\_ that work together to perform some function or behavior.

The car as a system

Most important parts least important parts

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Structure | Function |  | Structure | Function |
| Engine | Burns fuel to provide energy |  | Cup holder | Holds tasty beverages |
|  |  |  |  |  |
|  |  |  |  |  |

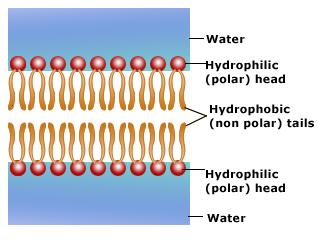
If one part of a system changes… \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cells as Systems: Cells are systems that do what? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell Membrane

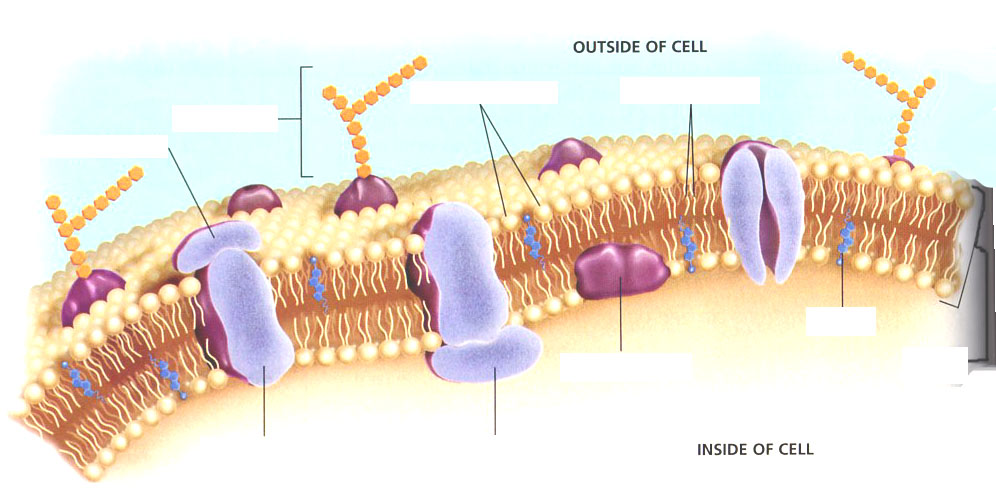
Where can you find cell membranes?

Structure: Label hydrophilic &

 hydrophobic parts

Function:

THE CELL MEMBRANE



|  |  |
| --- | --- |
| Phospholipid |  |
| Phospholipid bilayer |  |
| Membrane proteins |  |
| fluid mosaic model |  |
| selective permeability |  |

HOMEWORK: