

(9) cytoplasmic liquid phase:

filling the space between cytoplasmic organelles; It contains low-molecular-weight components necessary for many life activities, such as various proteins, glycolytic chrymes, nucleic acids, protein synthase, and vitamins. Not only ribosomes bound to the rugh endoplasmic reticulum, but also ribosomes not bound to the meritor necessary for the cell. In addition and phase undergoes sol-gel transformation and becomes a field for cell may represent the contains low-molecular-weight components low-molecular-weight components necessary for many life activities, such as various proteins, glycolytic chrymes, nucleic acids, protein synthase, and vitamins. Not only ribosomes bound to the rugh endoplasmic reticulum, but also ribosomes not bound to the meritor proteins and phase undergoes sol-gel transformation and becomes a field for cell may represent the contains to the rugh.

(10) Cell membranet/plasma memi**o**ane):

A one-late interest and structure of Cy enveloping the outer surface of the cytoplasm. Receptors such as valous sugar chains are bound, and it has a mechanism that cells respond to information and stimuli from the outside world. It plays important roles such as membrane selective permeability, phagocytosis, immune response, intracellular and extracellular transport of various substances. Information from the external world is transmitted into the cell via the cell membrane, causing the intracellular metabolic system to work and gene expression to occur. These roles are played by receptors bound to the cell membrane and various intramembrane ion transport systems including ATPases.

