

# Intracellular transport

Intracellular transport can occur through:

1. **Diffusion** – substances dissolved in the aqueous environment of the cytosol
2. **Transport by secretory vesicles** – typically, proteins formed by the rough ER are first moved to the GA , and secretory vesicles or lysosomes are then separated from it . Transport motor proteins (dynein and kinesin) participate in the transport of secretory vesicles, which move along the surface of microtubules (dynein towards – and kinesin towards + ends) when ATP is consumed.