

# **Translation of membrane and secretory proteins (protein sorting, targeting)**

Co-translation processes, molecular chaperons, heat-shock proteins, protein quality control, proteasome, signal sequences, gated vs transmembrane vs vesicular transport, membrane-bound ribosomes, free ribosomes, polyribosome, translocation into cell nucleus, mitochondria, peroxisomes, and into endoplasmic reticulum, transmembrane proteins, signal-recognition particle, exocytosis