

Lecture consigliate

- Agliarulo I, Parashuraman S. Golgi apparatus regulates plasma membrane composition and function. *Cells* 2022;11:368.
- Frappaolo A, Karimpour-Ghahnavieh A, Sechi S, *et al.* The close relationship between the Golgi trafficking machinery and protein glycosylation. *Cells* 2020;9:265.
- Kellokumpu S. Golgi pH, ion and redox homeostasis: how much do they really matter? *Front Cell Dev Biol* 2019;7:93.
- Lee MC, Miller EA, Goldberg J, *et al.* Bi-directional protein transport between the ER and Golgi. *Annu Rev Cell Dev Biol* 2004;20:87–123.
- Mironov AA, Beznoussenko GV. Models of intracellular transport: contradictions and current understanding. *Subcell Biochem* 2026;110:193–219.
- Pantazopoulou A, Glick BS. A kinetic view of membrane traffic pathways can transcend the classical view of Golgi compartments. *Front Cell Dev Biol* 2019;7:153.
- Sarmiento MJ, Llorente A, Petan T, *et al.* The expanding organelle lipidomes: current knowledge and challenges. *Cell Mol Life Sci* 2023;80:237.
- Schwarz DS, Blower MD. The endoplasmic reticulum: structure, function and response to cellular signaling. *Cell Mol Life Sci* 2016;73:79–94.
- Settembre C, Perera RM. Lysosomes as coordinators of cellular catabolism, metabolic signalling and organ physiology. *Nat Rev Mol Cell Biol* 2024;25:223–45.
- Sun X, Ye Y, Sun J, *et al.* Advances in the study of liver microsomes in the in vitro metabolism and toxicity evaluation of foodborne contaminants. *Crit Rev Food Sci Nutr* 2024;64:3264–78.
- Xu C, Ng DT. Glycosylation-directed quality control of protein folding. *Nat Rev Mol Cell Biol* 2015;16:742–52.
- Yagi H, Tateo S, Kato K. Regulation of glycan modification by glycosyltransferases in the Golgi apparatus. *Subcell Biochem* 2026;111:251–67.
- Zhang X, Wang Y. Glycosylation quality control by the Golgi structure. *J Mol Biol* 2016;428:3183–93.