

New Tricks for an Old Dog: Lipid Metabolism Policed by the Traffic COP

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The COPII complex, mediating the delivery of numerous cargoes from the endoplasmic reticulum to the Golgi, represents one of the best studied cellular machineries. However, questions remain concerning the transport of unconventional cargoes and/or in physiological settings. I will discuss our recent progress in understanding how the COPII machinery efficiently mediates the transport of plasma lipids in the form of lipoproteins, thereby controlling lipid homeostasis.