

Special Issue

Molecular Regulatory Mechanisms of Membrane Trafficking 2.0

Message from the Guest Editor

The targeting and localization of newly synthesized and imported molecules to their own cellular destinations are fundamental prerequisites for living organisms. Membrane trafficking is responsible for a broad spectrum of cellular functions, including vesicular transport, secretion, biogenesis and the maintenance of organelles, cell division, protein degradation, signal transduction, etc. The impairment of these functions could cause the onset of many diseases; thus, understanding the molecular mechanisms and the regulatory mechanisms of membrane trafficking is important not only to gain knowledge concerning how living organisms function, but also to find new pharmacological targets for a diverse range of diseases. In this Special Issue, we will focus on the physiological functions of the proteins involved in membrane trafficking, especially in the secretory and endosomal pathways. We will also discuss how these pathways could be interconnected and be involved in the onset of many diseases.

Guest Editor

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