Special Issue

The Different Roles of Membrane Proteins: From Signaling to Transport and Beyond

Message from the Guest Editor

Cell membranes are complex frontiers between cells and the surrounding environment. Although they represent a physical barrier, membranes are also a platform for communication and trading. Here, membrane proteins are playmakers with important functions such as signaling or mediated transport. At a cellular level, these functions regulate cell fate, which make membrane proteins a critical research subject to understand cell biology and develop new solutions in order to modulate cell regulation. In health and disease, this presents a powerful weapon to develop new treatments with improved efficacy and potency. This Special Issue will gather research focusing on the different roles of membrane proteins and their outcomes. The aim is to cover recent advances in the use of membrane proteins (either as targets or as mediators) to develop new biotechnological solutions impacting health and disease, cosmetics, plants and agriculture, industrial processes, and other relevant areas.

Guest Editor

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