

Special Issue

Kinase Signal Transduction 4.0

Message from the Guest Editor

Protein kinases phosphorylate a wide variety of substrates, which changes their conformation, activity, stability, intracellular localization, and affinity to other molecules. Various types of protein kinases and their regulators have been identified and play a pivotal role in the determination of cell fate. The dysregulation of the protein kinase signal transduction leads to various diseases, including cancer, inflammation, autoimmune disorder, neurodegeneration, heart failure, ischemia, and diabetes, indicating that protein kinases and their regulators are important therapeutic targets for these diseases. This Special Issue, entitled “Kinase Signal Transduction”, welcomes contributions in all areas of recent research associated with novel physiological and pathological functions and regulatory mechanisms of protein kinases, as shown above.

Guest Editor

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