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Protein Kinase in Disease

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Deadline for manuscript
submissions:
closed (30 April 2024)

Message from the Guest Editor

Abnormality of protein kinases due to chromosomal mutation, translocation and deletion, aberrant splicing, and protein overexpression and loss of function is involved in developmental anomalies and various diseases such as cancers, inflammatory diseases, and metabolic disorders (e.g., diabetes mellitus). It is also related to the occurrence of cardiovascular diseases, neuronal degeneration, immune dysregulation, renal diseases, and sense organ disorders. Therapeutic strategies targeting these protein kinases are being explored. This has already led to the discovery of more than 40 protein kinase inhibitors as anticancer drugs. Further analysis of protein kinases associated with diseases and the development of novel protein kinase inhibitors may help to overcome intractable diseases.

Keywords

**protein kinases
phosphorylation
cancers
inflammatory diseases
protein kinase inhibitors
anticancer drugs**



mdpi.com/si/113672

Special Issue



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Message from the Editor-in-Chief

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