



Special Issue on Protein Kinase

Call for Papers

Protein kinase is kinase enzyme that modifies other proteins by chemically adding phosphate groups to them and this reaction called phosphorylation. Phosphorylation usually results in a functional change of the target protein by changing enzyme activity, cellular location, or association with other proteins. The human genome contains about 500 protein kinase genes and they constitute about 2% of all human genes. Up to 30% of all human proteins may be modified by kinase activity, and kinases are known to regulate the majority of cellular pathways, especially those involved in signal transduction. Protein kinases are also found in bacteria and plants.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Protein kinase**. Potential topics include, but are not limited to:

- Protein kinase groups and their structure
- Serine/threonine-specific protein kinases
- Tyrosine-specific protein kinases
- Histidine-specific protein kinases
- Mixed kinases
- Protein kinase inhibitors
- Kinase assays and profiling

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission, Prospective authors should submit an electronic copy of their complete manuscript through the journal [Paper Submission System](#).

According to the following timetable:

Manuscript Due	September 5th, 2013
Publication Date	November 2013

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