



Dual Specificity Phosphatases: From Molecular Mechanisms to Biological Function

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Message from the Guest Editors

Dual specificity phosphatases (DUSPs) have emerged as key players in the regulation of cell growth, differentiation, stress responses and apoptosis. DUSPs regulate essential physiological processes, including immunity, neurobiology and metabolic homeostasis, and have been implied in tumorigenesis, pathological inflammation and metabolic disorders. Accordingly, alterations in the expression or function of MKPs and small-size atypical DUSPs have important consequences in human disease, making these enzymes potential biological markers and therapeutic targets.

This Special Issue covers recent advances in the molecular mechanisms and biological functions of DUSPs, and their relevance in human disease. We encourage authors to submit original papers and reviews on this expanding and exciting research area.





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Message from the Editor-in-Chief

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