

Special Issue

P38 Signaling Pathway 2.0

Message from the Guest Editors

p38 Mitogen activated protein kinases (p38MAPK) are a group of four protein kinases, which are central for cell adaptation to environmental changes as well as for immune response, inflammation, tissue regeneration, and tumor formation. Recent studies using new genetic and pharmacological tools are providing helpful information on the function of these stress-activated protein kinases and show that they have an acute impact on the development of prevalent pathologies related to inflammation, diabetes, neurodegeneration, and cancer. In this Special Issue, we wish to offer a platform for high-quality publications on the latest advances on identification of p38MAPK substrates, functions, and regulation; the characterization of p38MAPK signaling networks and crosstalk; mechanisms underlying the role of p38MAPK in malignant transformation; and therapeutic opportunities associated with regulation of p38MAPK activity.

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