



Inflammatory Pathways in Neuro-Muscular Degeneration, Metabolic Syndromes, Cancer and Infection

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Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editors

Inflammation is a common factor of most pathological conditions (genetic and acquired) and has been shown to promote progression of the disease state, whether it be growth, invasion/migration and metastases in cancer or enhanced apoptosis and cell death in degenerative diseases. This Special Issue on inflammatory signaling will emphasize research aimed at understanding the role of inflammatory/stress signaling in altering normal cellular processes during disease development and progression, as well as how an alteration of these processes resulting from a somatic or inherited genetic mutation directly affects inflammatory/stress signaling. In addition, the potential of infectious agents (HBV, HCV, HIV, HSV, *H. pylori*, etc.) to stimulate innate immune/inflammatory pathways, thereby promoting secondary disease, will be explored. In this regard, we would like to invite review articles which address the issues stated above from both a bioinformatics (proteomics, transcriptomics) and a basic biological approach (post-translational modification, biochemical/biological activity). In addition, any original research adding relevant information to the topic is highly encouraged.





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