



HMG Proteins from Molecules to Disease

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Message from the Guest Editor

Dear Colleagues,

High Mobility Group (HMG) proteins, classified in three families - HMGA, HMGB, and HMGN- are well known by their involvement in DNA repair, as well as transcriptional and epigenetic control of gene expression. HMG proteins are involved in aging, disease, and resistance to drugs. For instance HMGB proteins have been related to the onset of heart stroke, neurodegenerative diseases, inflammatory responses, sepsis, or cancer. Finally, and in a hot topic in these days of coronavirus pandemic, HMG proteins are able to bind to viral proteins and control virulence.

In this issue “HMG Proteins from Molecules to Disease” all the cellular and molecular aspects associating the structure and function of these proteins with diseases affecting human, animal or plants are welcome.





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