



HMG Proteins in Development and Disease

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Message from the Guest Editors

Dear Colleagues,

The High Mobility Group (HMG) proteins are chromatin architectural proteins subdivided into three distinct superfamilies: HMGA, HMGB, and HMGN. Each of them has specific and unusual relaxed interaction properties. These properties make them relevant hubs in the cellular network; indeed, they have been demonstrated to be key factors in different processes. As a consequence, HMG deregulations and misexpression lead to the development of several diseases/pathologies such as cancer, inflammation, and metabolic-related disorders. Moreover, during the last decades HMG have been demonstrated to have also extra nuclear functions, and indeed they have been found to be present in the cytoplasm and to be secreted/released in the extracellular environment. These peculiarities have significantly enlarged their already huge impact on cellular biology.

This Special Issue of IJMS will focus on the role HMG proteins play in development and disease. Articles submitted can either be original works regarding HMG functional/structural insight or full reviews.

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Guest Editors



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Special Issue



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