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Regulation of HMGB1 Release in Health and Diseases

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

A ubiquitous nuclear protein, HMGB1, can be actively secreted by immune cells or passively released by injured somatic cells in response to infection or injury. At low levels, extracellular HMGB1 can orchestrate inflammatory responses. At overwhelmingly higher quantities, HMGB1 may induce immune tolerance and immunosuppression, thereby impairing the host's ability to eradicate microbial infections. A number of exogenous microbial products and endogenous proteins have been shown to bind HMGB1 and regulate its extracellular release or extracellular functions. In this Special Issue, we invite leading experts in the HMGB1 research field to submit research, and/or review manuscripts, that will discuss the divergent mechanisms underlying the regulation of HMGB1 release and action by exogenous and endogenous molecules in health and diseases.



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Special Issue



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