



Inflammation and Cancer 2023

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Message from the Guest Editors

Activation of inflammasomes, which are large protein complexes, plays a critical role during inflammation by producing cytokines. The activation of inflammasomes plays diverse and sometimes contrasting roles in cancer promotion and therapy, depending on the specific context. Recent studies have shown that autophagy, an intracellular degradation system associated with maintenance of cellular homeostasis, plays a key role in inflammasome inactivation. Meanwhile, autophagy is induced upon progression of various human cancers to metastasis. Thus, major players in inflammation may be a double-edged sword for carcinogenesis. In this context, appropriate strategies will be required to prevent cancer. In light of this, this Special Issue, entitled “Inflammation and Cancer 2023”, is well-timed to say the least, and provides a practical appreciation for the many biochemical, molecular, immunological, and cellular mechanisms shared by cancer and inflammatory processes.





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Message from the Editor-in-Chief

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