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Epigenetic Regulation of Anti-tumor Immune Response

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 January 2019)

Message from the Guest Editor

Dear Colleagues,

Evasion from immunosurveillance by cancer cells is a major cancer hallmark, and restoration of immunosurveillance has been demonstrated as an effective anti-tumor strategy. For example, immune checkpoint inhibitors have achieved remarkable responses. Recent studies showed that epigenetic aberrations contribute to downregulation of anti-tumor immune responses. Epigenetic targeting has shown promising effects by inducing robust anti-tumor immune response, alone or in combination with immune checkpoint inhibitors. This Special Issue is focused on the study of epigenetic regulators of anti-tumor immune response, as well as epigenetic-based therapeutics for cancer treatment. We will consider review, research, or method manuscripts with a broad interest in these areas.

Dr. Qin Yan
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

In the past years the growth of the epigenetic field has been outstanding, from here the need of a journal where to centralize all new information on the subject. The term epigenetics is now broadly used to indicate changes in gene functions that do not depend on changes in the sequence of DNA. *Epigenomes* covers all areas of DNA modification from single cell level to multicellular organism as well as the epigenetics on human pathologies and behavior.

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