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Targeting the Epigenetic Machinery to Enhance Cancer Immunotherapy

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Deadline for manuscript submissions:

closed (25 December 2020)

Message from the Guest Editors

Dear Colleagues,

Cancer immunotherapy, such as immune checkpoint blockade, is effective against human cancer. However, only a subset of patients benefit from this novel therapy. It is, therefore, important to explore the mechanism behind this phenomenon. Recent evidence suggest that cancer cells may alter the epigenetic machinery, that controls RNA expression, for instance by DNA methylation and histon modifications, to evade the immune attack. In this special issue, we invite researchers to submit original research articles or reviews to uncover how targeting the epigenetic machinery can enhance cancer immunotherapy in human cancer.

Dr. Peter Kuppen
Prof. Michael Chan
Guest Editors



mdpi.com/si/39296

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.

Epigenomes (ISSN 2075-4655) is a fully peer-reviewed publication outlet with a rapid and economical route to open access publication. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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