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Rho Family of GTPases in Cancer

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Message from the Guest Editor

Rho GTPases have emerged as pivotal drivers of cancer metastasis in multiple cancer types. Therefore, understanding their dysregulation in cancer, and developing drugs to inhibit the activation of Rho GTPases has become a priority. Rho GTPases regulate cancer cell motility and invasion, which are a hallmark of metastasis. Even though oncogenic point mutations and splice variants have been reported from a number of cancers, Rho GTPases do not have to be mutated in cancer to drive cancer progression.

Much effort has been directed towards drugging the Rho GTPases; however, these drugs have yet to reach clinical trials. This special issue will highlight the current understanding of Rho GTPases in cancer with an emphasis on recognizing their central importance as critical targets for metastatic cancer therapy, for modulation of immunotherapies, and for chemosensitization of current therapeutic strategies.









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Message from the Editor-in-Chief

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