



Advances in Genome Regulation in Cancer

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Message from the Guest Editors

Dear colleagues,

The last decade has seen significant advances in the cancer genome regulation. Recent progress indicates that the human genome has atavistic “cancer attractors”. Chaotic genome regulation may help explain cancer resistance to treatments. However, many questions remain. Are there constraints on the “genome chaos”? Can cancer progress solely by genomic instability, which perpetually increases aneuploidy? Can these processes ensure cancer cell immortality? Do they arrive at some point at the mechanism of heredity transfer between generations of organisms? Can a cancer cell really undergo cyclic soma-to-germ transition and behave like a single-celled organism with a “life-cycle”? Is one of the keys to this conundrum hidden in the germ-line genes ectopically expressed in cancer and associated with poor survival? Are these genes involved in ensuring genome order?

Original articles and reviews addressing these essential questions are invited. Potential authors are encouraged to send an Abstract to the Chief-Guest-Editor Dr. Erenpreisa. Manuscript proposals outside the issue theme may be declined following initial editorial review.





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Message from the Editor-in-Chief

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