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Cytogenomics in Oncology

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Cytogenomics is a cornerstone of cancer diagnosis and prognosis, with traditional cytogenetics being the primary tool used in the early evaluation of acquired changes in the genome. As technologies have improved over time, cytogenomics has also evolved to incorporate many additional tools including FISH, microarray, and more recently optical genome mapping, among others. With these tools, many novel drivers of disease have been discovered, which have then been correlated with diagnostic utility and prognosis. The discovery of novel approaches and novel genetic etiologies will remain of the utmost importance to support diagnosis, prognosis, and ultimately the treatment of patients.

This Special Issue entitled “Cytogenomics in Oncology” is intended to provide a platform for a wide range of reviews, research articles, communications, case reports, and technical notes related to cytogenomic studies in oncology. We encourage submissions that are devoted to novel diagnostic approaches, novel variants in disease, functional studies that impact variant evaluation, and machine learning of the genetic markers associated with cancer.



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Special Issue



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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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