

Special Issue

The Role of Genotoxicity in Infertility and Cancer Development

Message from the Guest Editors

Day after day, every individual is exposed to different chemicals and particles that react with our genetic material, causing myriad consequences for our health. Global industrialization together with the development of our health system has led to an exponential growth in the number of toxics we use for different matters. Innovative/systemic therapies widely used for different treatments are based on the use of genotoxics that directly influence the growth of our cells. Not only that, but genotoxicity is one of the principal factors to induce cancer and infertility in humans, mainly caused by radiation and chemicals, which can cause DNA damage and induce mutations and chromosomal rearrangements. Therefore, a better understanding of the molecular mechanisms related with genotoxicity and its regulation in cancer and infertility will help us understand how to develop potential therapeutic and preventive approaches. In this Special Issue, our aim is to collect a series of research articles and reviews on the role of genotoxicity in cancer and infertility development.

Guest Editors

Dr. Kavindra K. Kesari

Prof. Dr. Dhruv Kumar

Prof. Dr. Janne Ruokolainen

Deadline for manuscript submissions

closed (22 November 2019)

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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?

Editor-in-Chief

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