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Genetic Complexity of Hormone Sensitive Cancers

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Message from the Guest Editors

The most common cancers of men and women i.e. breast and prostate cancers are well known to be dependent on hormones. Hormones have also been implicated in the genesis of uterine, ovarian, testicular, thyroid and bone as well as few other human cancers recently discovered to be hormone sensitive (e.g. lung, liver). In addition to hormones, environmental and genetic risk factors concur and mutually influence both the development of these malignancies and their progression, as well as response to treatment and the risk of recurrence. By understanding this complex interaction, we can progress means to more specifically identify the disease early, treat and ideally prevent hormone-dependent/sensitive cancers, which is of critical importance given the significant impact these malignancies have on human health. In this special issue of *Genes*, we welcome reviews, mini-reviews, new methods, and original research articles that advance our understanding of hormone-sensitive cancers using the current and emerging high-throughput approaches.



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Special Issue



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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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.

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