



## Sex Hormone Receptor Signals in Human Malignancies

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### Message from the Guest Editor

Sex steroids, including androgens, estrogens, and progestogens, are known to have widespread physiological actions beyond the reproductive system via binding to the sex hormone receptors, members of the nuclear receptor superfamily that function as ligand-inducible transcription factors. Meanwhile, the roles of androgen receptor and estrogen/progesterone receptors have been widely studied in prostate and breast cancers, respectively. However, emerging evidence implies that sex hormone receptor signals play a role in the development and progression of various other types of malignancies, although their exact functions are not fully characterized. Thus, the aim of this Special Issue is to provide an overview of current preclinical and clinical findings indicating the involvement of sex hormone receptor signals in human malignancies that have not traditionally been considered as endocrine neoplasms. Original research or review articles on androgen/estrogen/progesterone receptor signaling in prostate or breast cancer would also be most welcome.





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## Message from the Editor-in-Chief

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