

Special Issue

Sex Differences in Cancer

Message from the Guest Editors

In cancer, sexual differentiation interacts with both cancer protection and oncogenic mechanisms. Most non-reproductive cancers exhibit sex differences in incidence and clinical outcomes, with males being more prone to develop and die from cancer compared to females. Recent studies have demonstrated that these differences are not solely attributed to underlying risk behaviors in males, but instead due to underlying biological sex differences. Despite the well-known differences between males and females, most cancer patients still receive the same treatment. Historically, sex differences are often overlooked at all levels of research (design, analysis, and reporting). As we are now beginning to fully realize the impact of this bias, efforts by the National Institute of Health to increase consideration of sex differences have been implemented. Studies focused on sex differences in cancer will add to our body of knowledge, generate additional potential material for research investigations, drive hypotheses, and aid in the generation of personalized, sex-based medicine tailored to the unique vulnerabilities of male and female cancer patients.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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