

Special Issue

Male Fertility: New Horizons for Investigating Reproductive System Diseases

Message from the Guest Editor

In the last decade, there have been unprecedented advances in research on reproductive system diseases that impact male fertility, largely thanks to developments in biotechnology. These include techniques such as scRNA-Seq-based transcriptome profiling, 3D genome structural analysis and spatial transcriptome atlas of testes at near-single-cell resolution, and other high-resolution techniques. In this Special Issue, we seek to provide up-to-date reviews of advances in reproductive system diseases; thought-provoking conceptualizations of their biology and etiology; and research on the treatment of reproductive diseases. We also seek to better understand the challenges that we are facing in terms of infertility, and diseases of the testis, the epididymis, and the prostate, which collectively impact the status of fertility in humans. This collection of review articles from a diverse group of active basic research scientists and clinicians/scientists will appeal to both senior investigators and those early in their career.

Guest Editor

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Message from the Editor-in-Chief

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