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Genetic Causes of Human Infertility

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Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editor

Male factor infertility by itself contributes to about 40–50% of all infertility cases and affects approximately 7% of the general population. The etiology of this multifactorial disorder of the reproductive system remains unknown in about 40% of patients, and a broad spectrum of genetic and nongenetic factors act mainly at three different levels—pretesticular (Kallmann syndrome), testicular and post-testicular—contribute to this disease.

Infertility has pervasive and profound implications for numerous traits of life, health, sustainable development and the economy. In this context, reproductive genetics includes not only prenatal screening, but also the identification of a carrier status. This role in the genetic diagnosis, counselling and treatment of infertile patients is only possible if advances are made towards the clarification of the genetic pathophysiology and the temporal evolution of infertility. This Special Issue focuses on the genetic causes of male infertility. We invite authors to submit manuscripts that study and provide an update on genetic factors associated with male infertility and abnormalities in the male reproductive system.

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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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