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Molecular Basis of Mammalian Meiosis

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Deadline for manuscript submissions:

closed (20 October 2023)

Message from the Guest Editors

Dear Colleagues,

As Guest Editors of the Special Issue “Molecular Basis of Mammalian Meiosis”, we would like to invite you to submit reviews, mini reviews, original research articles, and short communications that advance our understanding of the multifaceted fates and pathways during the meiosis of spermatozoa and oocytes. This Special Issue will especially address the biology and molecular basis of mammalian meiosis, covering topics such as first and second meiotic division, pathways that coordinate diploid cells to become haploid to ensure proper fertilization, and also what happens if errors occur during meiosis, for instance, with aneuploidy and polyploidy. This Special Issue also intends to gather knowledge on aging-related impairment of meiosis, especially with regard to the aging oocyte.

Prof. Dr. Mariusz Skowronski

Dr. Pawel Kordowitzki

Guest Editors



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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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