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Male Germline Chromatin

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Deadline for manuscript submissions:

closed (31 December 2018)

Message from the Guest Editors

Dear Colleagues,

Spermatogenesis requires radical restructuring of germline chromatin at multiple stages, involving co-ordinated waves of DNA methylation and demethylation, histone modification, replacement and removal occurring before, during and after meiosis. This Special Issue will draw together papers addressing all aspects of chromatin organization and dynamics in the male germ line, in humans and in model organisms. In particular, we will invite authors to discuss novel methods for studying germline chromatin structure, the interplay between chromatin structure and susceptibility to DNA damage and mutation, chromatin modifications associated with epigenetic inheritance in the early embryo, and the impact this work has for understanding natural fertility and improving assisted reproduction techniques.

Prof. Darren Griffin

Dr. Peter Ellis

Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving 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. Why not consider *Genes* for your next genetics paper?

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