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Genomic Imprinting and the Regulation of Growth and Metabolism

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Deadline for manuscript submissions:
closed (15 March 2021)

Message from the Guest Editors

Genomic imprinting refers to parent-of-origin-specific epigenetic modifications of the genome. Genomic imprinting is highly relevant to a number of aspects in biomedical research, from embryogenesis, growth control and energy homeostasis, to brain development and behavior. When deregulated, imprinted genes can cause human congenital disorders affecting development, growth, and metabolism, as well as increasing the risk for specific forms of cancer. Thus, it is important to understand the growth and metabolic pathways under the control of imprinted genes, at cellular, tissue, and organismic level. Whilst it is well established that imprinted genes affect prenatal and postnatal growth, and metabolism, it is less clear how growth is linked to metabolism.

The aim of this Special Issue is to provide novel insights into the roles of imprinted genes in regulation of developmental growth and metabolism.

GCAT TACG GCAT genes

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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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