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Gene-Diet Interactions in Obesity

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Deadline for manuscript
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Message from the Guest Editors

We are pleased to announce you our Special Issue “Gene Expression in Leptin-Related Effects” focused on evaluating the influence of leptin on gene expression in humans and animals both in physiological and non-physiological conditions (such as obesity, diabetes, hypertension or cancer), as well as in vitro studies to elucidate the potential molecular mechanisms of leptin signal transduction

The aim of this issue is to present the advancement that the discovery of leptin has caused to the food intake and energy metabolism field and to important physiological processes such as angiogenesis, reproductive function, immune regulation and inflammatory response as well as glucose, lipid and bone metabolism. There is still much to do to elucidate the role of this “master” hormone in gene expression and biological functions in order to optimize its use to benefit human health.

Warm regards,

Dr. Gerard Aragonès

Dr. Maria Ibars

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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