Special Issue

Genetic, Epigenetic and Environmental Factors in Dental Development and Pathologies: Genes, Interactions and Dental Development

Message from the Guest Editor

The dentition, a key component of the stomatognathic complex, is the entry point of the digestive system. It is essential for mastication and aesthetics. Its development arises from interactions between genetic, epigenetic and environmental factors, which lead to an emerging phenotype with variations in the number, size, shape and mineralisation of teeth. This research is being undertaken in many centres across the world and in many aspects of dental development. Dentition is an attractive, accessible and relevant paradigm for many biological disciplines. Therefore, current research is spread across many facets of the genetics of dental development, from identifying new mutations and their multiple effects, to chromosomal and hormonal factors and major environmental agents, all of which interact with the genes. In addition, the further modelling of these findings is important in advancing understanding.

Guest Editor

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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?

Editor-in-Chief

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