



Genetic and Epigenetic Control of Disease Occurrence

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

The genetic background is an important contributor to susceptibility to human disease. Deciphering the genetic and molecular basis of human traits and disease is a primary problem in biology and personalized medicine. However, an increasing subclass of disease-causing mutations includes changes in the epigenome or in the amount and activity of proteins that can regulate the chromatin structure. Without changing the genomic sequence, epigenetic modifications, in response to a specific environment, could cause genomic susceptibilities, impacting the later development of human diseases. This Special Issue aims to highlight recent advances in the field of genomics and transcriptomics towards the translation of genotype to phenotype and the development of analytical methods to understand how the environment and genetics interact to impact health through epigenetics mechanisms.

We collect manuscripts and review articles on recent advances regarding the molecular basis of human disease. Reports pertaining to potentially damaging isolated variants without strong arguments implicating them as causal defects will be given low priority.





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Message from the Editor-in-Chief

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