



Environmental and Genetic Influences in ADHD

Guest Editor:

Message from the Guest Editor

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ADHD is associated with strong genetic influences, but is also associated with diverse environmental factors including socio-economic factors, early childhood adversity, obstetric difficulties, exposure to nicotine in utero, environmental toxins and the quality of the family and home environment. It is clear that *ADHD traits* in society are highly heritable and may be influenced by a number of genes, it should be noted that the prevalence of the *disorder of ADHD* is considerably higher in situations where young people have been exposed to severe childhood adversity, such as those in foster care, or in areas with high rates of social deprivation. This leads us to question if environmental factors are more important than was previously estimated in the aetiology of the disorder of ADHD, and if environmental factors act as a trigger which “switches on” ADHD, leading to those who have a genetic predisposition to *ADHD traits* developing the *disorder of ADHD*.

This Special Issue on ADHD seeks to further clarify the interplay of genetic and environmental factors in the development of the disorder.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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