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Gene-Environment Interplay in Human Complex Traits

Guest Editor:

Dr. Jonathan Coleman

Social, Genetic and
Developmental Psychiatry
Centre, IoPPN, King's College
London, Strand, London WC2R
2LS, UK

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Message from the Guest Editor

Dear Colleagues,

The combined evidence from decades of quantitative genetics and more than a decade of well-powered genome-wide association studies has demonstrated that many common traits and diseases in humans are associated with a complex of genetic and non-genetic (i.e., environmental) factors. Although many commonly used methods make the simplifying assumption that genetic and environmental effects act independently, it is widely appreciated that this is biologically implausible and that genetic and environmental factors have both separate and combined effects on complex traits.

In this Special Issue, we seek to bring together the latest research investigating this gene-environment interface. Examining genetic effects alongside specific and general environments provides vital context for understanding heterogeneity and progresses genetic research further towards biological insights into the role of these combined effects in human complex traits and diseases.

Dr. Jonathan Coleman

Guest Editor



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Special Issue



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Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan

Department of Pathology, The
University of Alabama at
Birmingham, 1825 University
Blvd, SHEL 814, Birmingham, AL
35294-2182, USA

Message from the Editor-in-Chief

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Genes Editorial Office
MDPI, St. Alban-Anlage 66
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