

Special Issue

Genetic Prediction of Risk of Common Diseases

Message from the Guest Editor

Common diseases, such as cancer, heart disease, diabetes, and dementia, affect millions of people and impose billions of dollars in costs on national health care budgets. These diseases have a complex genetic basis, and now hundreds of genetic variants have been identified that interact with each other and environmental factors to mediate susceptibility.

However, the individual impact of these variants on disease risk is too low to be clinically useful. Polygenic risk scores and similar approaches have been employed to combine variants with the aim of developing more useful predictive tests. This Special Issue publishes reports of the latest advances in complex genetic analyses to define genetic signatures that can identify individuals at a higher or lower risk of suffering these diseases.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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