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# **Genetic Architecture of Human Complex Diseases**

Guest Editor:

#### Dr. Angli Xue

 Garvan-Weizmann Centre for Cellular Genomics, Garvan Institute of Medical Research, Sydney, NSW, Australia
School of Biomedical Sciences, University of New South Wales, Sydney, NSW, Australia

Deadline for manuscript submissions: closed (15 May 2024)

## Message from the Guest Editor

Dear Colleagues,

Human complex diseases are affected by a large number of genetic variations and environmental factors collectively. Deciphering the genetic architecture of human complex diseases has been a critical field to understanding the disease mechanism and developing novel treatments. Genome-Wide Association Studies (GWASs) have been a powerful tool to successfully uncover hundreds of thousands of genetic variants that are associated with complex disease risk. However, it remains challenging to interpret the functions of those variants, understand how their involved pathways confer the disease risk, and translate the findings into clinical practice. In response to these challenges, enormous resources, including biobankscale GWASs, the curation of large-scale RNA-seq cohorts, and new statistical/computational methods, have been developed in the last decade. This Special Issue focuses on the latest advances in the genetic architecture of human complex diseases that help to dissect the disease mechanism at all levels. We are looking for original research articles, reviews, and perspectives on all relevant topics.





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#### 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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