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## Genetics and Genomics of Liver Disease

Guest Editor:

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Deadline for manuscript submissions:

**closed (20 March 2021)**

### **Message from the Guest Editor**

Dear Colleagues,

Genetics and genomics influence the pathogenesis and outcome of liver disease, including viral hepatitis, alcoholic liver injury, nonalcoholic steatohepatitis, and autoimmune liver diseases. The recent development of the genome-wide approach, exome and whole-genome sequencing, and sequencing-based studies of gene expression have accelerated genetics and genomics research. Single nucleotide polymorphism is associated with the disease phenotype, treatment effect, and prognosis. Therefore, tailor-made strategies are utilized for more effective prevention and treatment, along with the recent pharmacological development, changing the treatment strategy and outcome of liver diseases. Sequencing-based studies and omics identify the therapeutic target of chronic liver disease and contribute to the development of biomarkers. This Special Issue widely calls for research involving human subjects and model organisms that investigate the impact of genetics and genomics on liver disease.

Dr. Hirokazu Takahashi

*Guest Editor*



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# Special Issue



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## Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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