

**Journal of Medical Genetics Special Issue Call for Papers:**  
Genomic aspects of cancer immunotherapy: challenges and clinical implications

**Guest Editors:** Professor Xiao-Jie Lu and Professor Beicheng Sun

**Submission start:** December 2017

**Submission deadline:** April 2018

**Aim and Scope:**

This special issue in *Journal of Medical Genetics (JMG)* aims at publishing high-quality original research as well as reviews on genomic aspects of cancer immunotherapy. Authors should bear in mind when preparing their papers that *JMG* is a genetics journal and thus papers must have genetic relevance.

Potential topics of interest include but are not limited to:

1. Epigenetic/genetic modifications of T and B lymphocytes for therapeutic purposes (clinical or pre-clinical)
2. Targeting the genomics/epigenomics of tumor stromal cells for cancer immunotherapy;
3. Genetic variants (such as HLA) that might impact the efficacy and/or side-effects of cancer immunotherapy
4. Functional genomics in T cell exhaustion
5. Genomic aspects of checkpoint blockage therapy
6. TCR sequencing by next generation sequencing (NGS)
7. The applications of CRISPR-Cas9 in cancer immunotherapy, such as TCR and/or CAR modifications

**Article types:**

- **Original research:** 6-7 full length articles
- **Brief report:** 2-3 brief reports
- **Reviews:** 1-2 review articles

Please follow the [JMG guidelines for preparation of manuscripts](#).

## Guest Editor Profiles:



**Name:** Professor Xiao-Jie Lu

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Dr. Xiao-Jie Lu got his master's degree in Wuhan University and doctoral degree in Tongji University (Shanghai, China) majoring in internal medicine. The immunotherapies of hepatocellular carcinoma (HCC) is one of his main interests. His publication list includes many papers in top scientific journals such as *Nature Reviews Immunology*, *Gut*, *Journal of Hepatology*, *Trends in Technology*, and *Trends in Pharmaceutical Sciences*. He is also an editor and/or reviewer for several SCI journals.



**Name:** Professor Beicheng Sun

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Professor Sun got his doctoral degree in Nanjing Medical University (Nanjing, China) majoring in general surgery and had post-doctoral training at U Texas Health Science Center at San Antonio (2001-2004). He is a Yangtze River Scholar distinguished professor in China and also a senior surgeon in liver transplantation. He is interested in basic and clinical studies of hepatocellular carcinoma (HCC) especially in immunotherapy. He has received multiple grants and awards in HCC research and has published a number of research papers in top journals such as *Nature Reviews Immunology*, *Cell Metabolism*, *Nature Communications*, *Hepatology*, *Journal of Hepatology*, *Trends in Pharmaceutical Sciences*, *Oncogene*, *Cancer Research*, and *Clinical Cancer Research*.