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## Genomic Profiling for Biomarker Discovery and Validation

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Deadline for manuscript submissions:

**closed (15 March 2019)**

### Message from the Guest Editors

Dear Colleagues,

Due to the constantly decreasing cost of high-throughput genomic technologies, we are beginning to appreciate the breadth of information we can learn from genomic profiling. For example, genomic profiling can reveal the timing of aberrations that occur as a disease develops and the spatial heterogeneity within a tissue, person, or population. However, many studies remain biased at the discovery phases because of the overall study design or analysis method. In addition, few studies carefully validate novel genomic biomarkers through functional studies or demonstrate the practicality of the biomarker in question.

This Special Issue aims to present cutting-edge methods that address current limitations at the discovery and validation phases of genomic profiling. We are especially interested in articles involving novel software or statistical methods, interdisciplinary and collaborative work, multi-omics, integration with imaging, and new genomic profiling technology. Methods that repurpose published data in innovative ways, as well as methods that make genomic profiling more accessible, are also strongly encouraged.

Sincerely,

The Guest Editors



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# Special Issue



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## Editor-in-Chief

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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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