**DESCRIPTION**

**Announcement**: From January 2022 *Genomics* has become an open access journal. Authors who publish in *Genomics* will be able to make their work immediately, permanently, and freely accessible. *Genomics* continues with the same aims and scope, editorial team, submission system and rigorous peer review.

*Genomics* authors now pay an article publishing charge (APC), have a choice of license options, and retain copyright to their published work. The APC is requested after peer review and acceptance. The APC payment is required for all accepted articles submitted after 1st October 2021. The APC for Genomics is USD 2410 (excluding taxes).

**Please note**: Authors who have submitted their paper on or before **30th of September 2021**, will have their accepted article published in *Genomics* at no charge. Authors submitting their paper after this date will be requested to pay the APC. For more details visit our FAQs page.

*Genomics* is a forum for describing the development of **genome-scale technologies** and their application to all areas of biological investigation.

As a journal that has evolved with the field that carries its name, *Genomics* focuses on the development and application of cutting-edge methods, addressing fundamental questions with potential interest to a wide audience. Our aim is to publish the highest quality research and to provide authors with rapid, fair and accurate review and publication of manuscripts falling within our scope. Topics within the scope of Genomics include, but are not limited to:

- Genomics including genome projects, genome sequencing, and genomic technologies and novel strategies. Simple reports of single-mitochondrial, chloroplast and bacterial strain variant genomes are no longer suitable.
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Genomic regulatory...
analysis, including DNA elements, locus control regions, insulators, enhancers, silencers, and mechanisms of gene regulation. Genomic approaches to understanding the mechanism of disease pathogenesis and its relationship to genetic factors, including meta-genomic and the mode and tempo of gene and genome sequence evolution. Medical Genomics, Personal Genomics, and other applications to human health. Application of Genomic techniques in model organisms that may be of interest to a wide audience. RNA-seq experiments without three or more biological replicates will not be accepted for differential expression-based articles. Systems Genomics, including cutting edge research on computational systems biology, discrete and continuous modelling and artificial intelligence that help infer novel insights from complex, dynamic and high throughput genomic datasets.

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The goal of Genomics is to promote the understanding of the structure, function, and evolution of genomes in all kingdoms of life and the application of genome sciences and technologies to challenging problems in biology and medicine. The scope of the journal is broad and we welcome original, full-length, and timely papers in all of the following areas:

• Comparative genomics analysis that yields valuable insights into conserved and divergent aspects of function, regulation, and evolution
• Bioinformatics and computational biology with particular emphasis on data mining and improvements in data annotation and integration
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• Identification of genes involved in disease and complex traits, including responses to drugs and other xenobiotics
• Significant advances in genetic and genomics technologies and their applications, including chemical genomics

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As a result of Genomics' strict quality measures, the journal rejects as much of 70 % of all submissions received.

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