Translational Genomics

ABOUT THE JOURNAL

Translational Genomics is an Open Access journal dedicated to publishing scientific advances in genomics and other omics technologies and its application in Medicine. Areas covered by the journal include, but are not limited to Precision Medicine, Genome Informatics, Systems Medicine, Genomics for diagnosis of Genetic Diseases, Cancer Genomics, Population Genetics, Clinical Epigenomics, Pathogen Genomics and Microbiome studies with clinical relevance and novel Genomic technologies, assays, Software or Methodologies.

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SUBMISSION PREPARATION CHECKLIST

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

- The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- The submission file is in OpenOffice, Microsoft Word, or RTF document file format.
- Where available, URLs for the references have been provided.
- The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines.

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Authors should provide name, address and current email address of five potential expert reviewers. All articles submitted to the *Translational Genomics* are subjected to two-tier review using our online peer review system. The preliminary review is conducted by an editor to make sure article conforms to the requirements of journal and research area is appropriate for the *Translational Genomics*. The editor also ensures that article brings new scientific knowledge to the field. In the second stage of the review process, articles are assigned to expert reviewers from the field. Following feedback of reviewers, the editor makes the final decision on acceptance of the article.

Manuscript submitted by author -> Editor Preliminary review -> Expert Peer Reviewer -> Decision to Accept/Reject by Editor -> Submission of revised manuscript by author -> Article formatting and layout -> DOI assignment -> Publication on journal website -> Archival of published articles

Types of articles

The goal of the *Translational Genomics* is to publish multidisciplinary editorial, commentary, hypothesis, high quality, high impact innovative research articles covering advances in genomics and other omics technologies and its application in Medicine. Areas covered by the journal include, but are not limited to Precision Medicine, Genome Informatics, Systems Medicine, Genomics for diagnosis of Genetic Diseases, Cancer Genomics, Population Genetics, Clinical Epigenomics, Pathogen Genomics, Modeling of Diseases and Microbiome studies with clinical relevance and novel Genomic technologies, assays, Software or Methodologies.

Manuscript Organization

Manuscripts should consist of: Title, authors, affiliations, abstract, introduction, materials and methods, results, discussion, references, acknowledgments, and figure legends.

a) Title (150 characters)

The title should be concise and specific to the research topic.

b) Authors and Affiliations

Please provide each author's names (first name, middle initial and last name) and affiliations. The corresponding author should be identified using an asterisk (*).

c) Abstract (250 words)

The abstract should briefly capture the overall outcome of the research without going into details of methodologies. It should be written in one paragraph and should not include many abbreviations.

d) Introduction

The introduction should consist of brief background or literature review of the research performed and problems, controversies and probable hypothesis should be included. The introduction should conclude with main results of the research and how it adds knowledge to the field of research.

e) Materials and Methods

The materials and methods section should consist of details that provide enough information to other scientists to reproduce the research findings. Although details of new methods should be included, the well-established methods can be referenced to the previous reports.

f) Results

The results section should provide details of all of the experiments that are required to support the conclusions of the paper. There is no specific word limit for this section, but details of experiments that are peripheral to the main thrust of the article and that detract from the focus of the article should not be included. The section may be divided into subsections, each with a concise subheading. Large datasets, including raw data, should be submitted as supplemental files; these are published online alongside the accepted article. The results section should be written in past tense.

g) Discussion

The discussion should spell out the major conclusions and interpretations of the work including some explanation on the significance of these conclusions. How do the conclusions affect the existing assumptions and models in the field? How can future research build on these observations? What are

the key experiments that must be done? The discussion should be concise and tightly argued. If warranted, the results and discussion may be combined into one section.

h) Acknowledgments

Individuals who contributed to the work, but do not fit the criteria for authors should be listed in the Acknowledgments, along with their contributions. You must also ensure that anyone named in the acknowledgments agrees to being so named. The Acknowledgments section is reserved for statements of gratitude or thanks. Details of the funding sources that have supported the work should be confined to the funding statement. Do not include them in the Acknowledgments.

i) References

It is the authors responsibility that the information in each reference is complete and accurate. All references must be listed alphabetically using last names consecutively and citations of references in text should be alphabetically arranged and identified using last name and year of publication in parenthesis (Reik, 2007; Wong et al., 2002). If you are using EndNote or Reference manager select Cell as journal style. All references should be cited within the text.

Examples

Bruniquel, D., and Schwartz, R.H. (2003). Selective, stable demethylation of the interleukin-2 gene enhances transcription by an active process. Nat. Immunol. 4, 235–240.

Kangaspeska, S., Stride, B., Metivier, R., Polycarpou-Schwarz, M., Ibberson, D., Carmouche, R.P., Benes, V., Gannon, F., and Reid, G. (2008). Transient cyclical methylation of promoter DNA. Nature 452, 112–115.

Wong, E., Yang, K., Kuraguchi, M., Werling, U., Avdievich, E., Fan, K., Fazzari, M., Jin, B., Brown, A.M., Lipkin, M., and Edelmann, W. (2002). Mbd4 inactivation increases Cright-arrowT transition mutations and promotes gastrointestinal tumor formation. Proc. Natl. Acad. Sci. USA 99, 14937–14942.

j) Figures

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k) Tables

All tables must be cell-based and avoid using picture elements and text boxes. All tables should have a concise title and table in Arabic numerals. Footnotes can be used to explain abbreviations.

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