Instructions to authors

GENOME RESEARCH welcomes high-quality research papers reporting new data in physical and genetic mapping, DNA sequencing, gene discovery, informatics, statistical and mathematical methods, DNA-based technology development, gene function, genome structure and function, and human disease. The journal also publishes review articles, short reports, and summaries of physical mapping and large-scale sequencing projects. All submissions to the journal will be peer-reviewed.

Publication time from acceptance of manuscript is within two months. For papers accepted subject to revision, only one revised version will be considered; it must be submitted within two months of the provisional acceptance.

The journal accepts papers that present original research that has not previously been published. Submission to the journal implies that a paper is not currently being considered for another journal or book. It is also understood that researchers who submit papers to this journal are prepared to make available to researchers materials needed to duplicate their work. Authors of accepted manuscripts must submit mapping and sequence data to the appropriate data bank and provide an accession number for this data at the page proof stage.

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Five copies of the manuscript should be submitted; at least four of these copies should have original art. A cover letter should include: (a) name, address, telephone number, FAX number, and e-mail address of author responsible for correspondence regarding the manuscript; (b) statement that the manuscript has been seen and approved by all listed authors; (c) any specific requirements for reproduction of art; (d) status of any statements of personal communication or other permissions needed; and (e) statement regarding databank submission of data.

The following order of manuscript sections is preferred: title page, abstract, introduction, results, discussion, methods, acknowledgments, references, tables, figure legends. Computer printouts of the manuscript should be of letter quality, and each page should be labeled with the first author's name and a page number. The methods presented should be detailed enough to allow any qualified researcher to duplicate the results.

References are name/date citations in text; please do not cite by number. Undated citations (unpublished, in preparation, personal communication) should include first initials and last names of authors. The reference list should be presented in alphabetical order. Bibliographic information should be supplied in the following order.
For journal articles: Saiki, R.K., S. Scharf, F. Faloona, K.B. Mullis, G.T. Horn, H.A. Erlich, and N. Arnheim. 1985. Enzymatic amplification of β-globin genomic sequences and restriction site analysis for diagnosis of sickle cell anemia. *Science* **230:** 1350–1354.
For books: Sambrook, J., E.F. Fritsch, and T. Maniatis. 1989. *Molecular cloning: A laboratory manual*, 2nd edition. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York.
For book chapter: Miller, J.H. 1972. Generalized transduction; use of P1 in strain construction. In *Experiments in molecular genetics* (ed. J.H. Miller), pp. 201–205. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

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Edited by Elizabeth H. Blackburn, *University of California, San Francisco;* Carol W. Greider, *Cold Spring Harbor Laboratory*

Research on telomeres has recently surged forward. Telomeres have been found to shorten in neoplastic and aging cells, and their analysis has been stimulated by the molecular cloning of key components in telomere metabolism. This is therefore a timely book, a comprehensive account of telomere structure and function in a variety of organisms including yeast, *Drosophila,* ciliates, plants and mammals. Starting with a historical overview, it covers telomere structure, dynamics, localization, transcriptional silencing, as well as the significance of length regulation and the roles of telomeres. Written and edited by members of leading laboratories worldwide, this book will have lasting value for investigators of cancer and aging as well as those with interests in replication, ribonuclear particles, chromosome dynamics and polymerases.

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Monograph 30

Edited by John W.B. Hershey, *University of California, Davis;* Michael B. Mathews, *Cold Spring Harbor Laboratory;* Nahum Sonenberg, *McGill University, Montreal*

Patterns of protein synthesis and gene expression are much influenced by changes in the efficiency of mRNA translation. Translation is controlled at many levels and the complexity of this regulation has been clearly revealed by the recent application of biochemical and genetic techniques. This monograph is a broad, critical and comprehensive account of the numerous control mechanisms observed in eukaryotes. Written and edited by leaders in the field, the book is a timely work of reference for both specialists and investigators with wider interests in gene expression, RNA biology, and protein synthesis.

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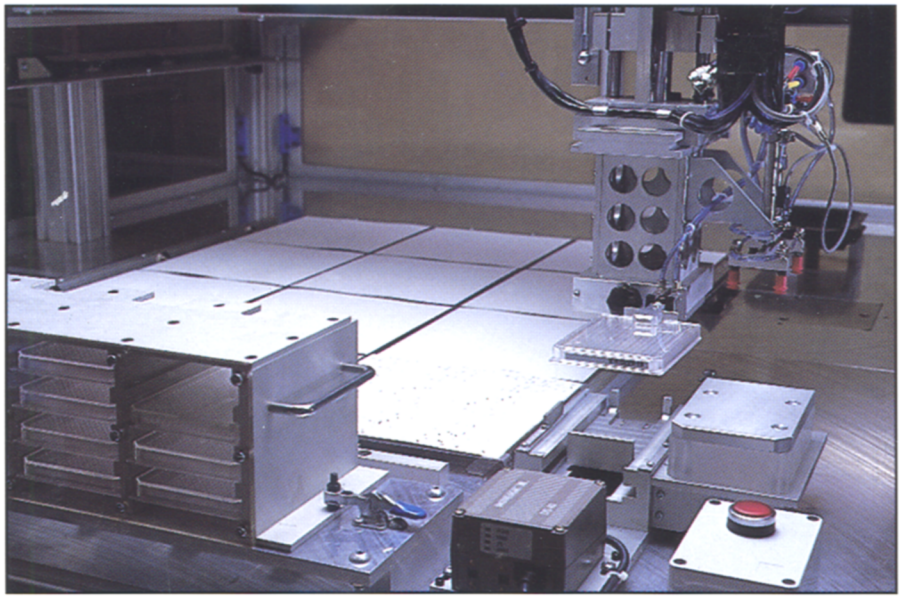

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