INFORMATION FOR CONTRIBUTORS (1996)

Aims and Scope

Genes & Development welcomes high-quality research papers of general interest and biological significance in molecular biology, molecular genetics, and related areas. Publication time from acceptance of manuscript is between two and three months. For papers accepted subject to revision, only one revised version will be considered; it must be submitted within 2 months of the provisional acceptance.

Submission of Papers

The journal accepts papers which 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. Closely related papers that are in press elsewhere or that have been or will be submitted elsewhere should be included with the submitted manuscript. It is also understood that researchers who submit papers to this journal are prepared to make available to qualified academic researchers materials needed to duplicate their research results (DNA, cell lines, antibodies, microbial strains, and the like). Authors should submit nucleic acid and protein sequences to the appropriate database.

Contributors from North and South America, Asia, and Australia should submit their papers to the Cold Spring Harbor Laboratory office. Contributors from Europe and Africa should submit their papers to the Edinburgh office. Questions regarding papers should be directed to Judy Cuddihy, Managing Editor, at Cold Spring Harbor Laboratory (516-367-8492).

Manuscript Preparation

1. General. Papers should be concise and conform to the following length requirements. Papers accepted by the journal will occupy 5 up to a maximum of 10-12 journal pages. Authors of short papers [5-8 pages] are encouraged to submit their manuscripts to the journal. A manuscript of 28-32 typed, double-spaced pages total (including methods, references, tables, and figure legends), with 27 lines of text per page (a manuscript length of 63,000 characters), and with six single-column figures and one single-column table will translate to 10-12 pages in the journal. The entire paper (including tables, figure legends, references, footnotes) should be typed double-spaced on standardized European or American bond paper with at least 1-in (2.5 cm) margins on all four sides. Computer printouts should be of letter quality, and should use a computer typeface of at least 11 point size. Each page should be labeled with the first author's name and a page number. Five copies should be submitted, at least four of these copies should have original art. A cover letter should include: (a) name, address, telephone number, and FAX number 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; and (d) status of any permissions needed.

2. Submitting Papers on Computer Discs. Publication will be speeded up if accepted papers are supplied on 3¼ or 5¼-inch floppy discs. We can accept IBM PC, Macintosh, or compatible formats. Please supply the manuscript on the disc as a "text" or ASCII file, if possible. Indicate on the disc: computer brand name, whether the disc contains a text or word-processing file (name of software), and the disc format. Five hardcopy versions should also be submitted for use by referees and editors.

3. Form. The following order should be followed: Title page, Abstract, Introduction, Results, Discussion, Methods, Acknowledgments, References, Tables, Figure legends. The Title page should include: (a) title, (b) all authors’ full names, (c) all affiliations clearly indicated, (d) a shortened version of the title for use as a running head [maximum 45 characters], and (e) key words [up to 6] for use in indexing. The Abstract should be about 200 words long and should summarize the aim of the report, the methodological approach, and the significance of the results. Methods will appear at the end of the paper and should be detailed enough to allow any qualified researcher to duplicate the results.

4. Figures and Legends. Five sets of figures should be supplied as high-quality glossy prints. Halftones should be high-contrast, particularly in the case of gels, for the best reproduction. Line drawings, graphs, charts, and chemical formulae should be professionally prepared and labeled. Multiple-part figures should be submitted as mounted, camera-ready composites. Authors submitting color figures as essential data for review with manuscripts undertake to pay the publication costs of four-color artwork. Price estimates are supplied upon acceptance of the paper.

The back of each figure should be labeled with the first author's name, figure number, and an indication of "top." The figures should be numbered consecutively in the order to which they are referred in the text. The size of the figures will be adjusted to fit the Journal format, therefore, please try to keep labels, symbols, and other call-out devices in proportion to the figure size and detail.

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8. Reprints. A reprint order form will be included with the proofs.

To help defray the cost of publication, a charge of $30 per page will be made for publication in Genes & Development. Authors unable to meet these charges should include a letter of explanation upon acceptance for publication, inability to meet these charges will have no effect on acceptance and publication of submitted papers.
DNA Replication in Eukaryotic Cells
Monograph 31
Edited by Melvin L. DePamphilis, National Institute of Child Health and Human Development, National Institutes of Health

DNA replication is a central cog in the machinery of cell and viral proliferation. After significant advances in the past few years, its regulation is now understood in unprecedented depth.

This is the first book to provide a detailed and thoroughly up-to-date review of the complexity of DNA replication in eukaryotic cells. It is organized into three parts: Concepts, a distillation of underlying principles; Enzymes, a description of each protein class involved; and Systems, a review of events over a wide range of organisms. The book is therefore invaluable for teachers who want a current survey of a topic central to the biology syllabus; investigators of replication who will appreciate a remarkably concise, central source of knowledge in their specialty; and scientists studying other biological functions on which DNA replication has an impact.

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1996, 1058 pp., illus., color plates, index
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Telomeres
Monograph 29
Edited by Elizabeth H. Blackburn, University of California, San Francisco; Carol W. Greider, Cold Spring Harbor Laboratory

--Here's what the reviewers have to say:
"...the present book is both timely and much needed. The literature has become increasingly diverse and voluminous, making it difficult for the casual reader or newcomer to the field to gain a balanced perspective. Telomeres provides an excellent, easy-to-read introduction for such readers. Moreover, since the book contains a wealth of information on all aspects of telomere biology and biochemistry, it should prove tremendously useful to even the most experienced telomere researcher.

A major strength of the book lies in the breadth of its coverage and the way it links the diverse topics. Each chapter concentrates on a different aspect of telomere research and where necessary describes the experimental system used in performing the research. Thus the book covers topics as diverse as telomere addition in ciliates, gene expression and telomere position effect in yeast, construction of mammalian artificial chromosomes, and telomerase and cancer in humans. Yet the various chapters are not isolated units. The authors frequently refer to other chapters and give short accounts of topics that are discussed in detail elsewhere, providing the reader with a sense of continuity. A further useful and enjoyable feature of the book is its historical perspective, which allows the reader to see how the field developed before being plunged into the intricacies of current knowledge." --Science

1995, 396 pp., illus., index
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By Fran Balkwill, ICRF, and Mic Rolph, London
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