LABORATORY INVESTIGATION

www.laboratoryinvestigation.org

Instructions for Contributors

Laboratory Investigation is an international journal owned by the United States and Canadian Academy of Pathology and edited by a board appointed by the Council of the Academy. *Laboratory Investigation* offers prompt publication of high-quality original research in all biomedical disciplines relating to the understanding of human disease and the application of new methods to the diagnosis of disease. Both human and experimental studies are welcome. Particular emphasis is given to original research exploring the pathobiology of disease, including insights gained into the structural and molecular pathogenesis of disease, and the biological basis for morphologic manifestations of disease. Laboratory Investigation also constitutes a forum for translation of basic research findings into progress in the diagnosis and assessment of human disease, by means of any laboratory diagnostic methodology. Consideration is given to novel technical advances in the diagnosis of human disease or in the investigation of human or experimental disease. *Laboratory Investigation* also publishes occasional Minireviews and comprehensive Biology of Disease articles.

The aim of the review process is to provide an impartial, critical, and timely evaluation of each paper based on its scientific merit, novelty, and interest to the readership of the journal. All submissions are reviewed by a member of the Executive Editorial Board, and in most cases, additional outside reviews are sought. All decisions are made usually within six weeks of receipt. Manuscripts are either i) accepted as is, ii) returned to authors for minor revision, iii) rejected with an invitation to resubmit (ie, additional experiments are needed), or iv) rejected. Accepted manuscripts are typically published within 10 weeks.

Submission of Manuscripts. Effective immediately we invite all authors to submit **new manuscripts** online using the following URL: http://mts-li.nature.com. **Revisions** to previously submitted manuscripts must be sent in hard copy (and diskette) to the Editorial Office. For further information contact the editorial office (labinvest@pathology.ufl.edu). To facilitate communication please include fax numbers and email addresses on manuscripts. An original contribution is accepted for review with the understanding that it has been submitted solely to Laboratory Investigation; all persons listed as authors have given their approval for submission of the paper; and, any person listed as a source of a personal communication has given permission for such citation. Copyright of published manuscripts will be held by the United States and Canadian Academy of Pathology, which must receive in writing the assignment of copyright from the authors of accepted manuscripts. Copyright forms will be sent to authors from the Editorial Office or can be downloaded from the above noted URL.

Manuscript Preparation. Papers should be double-spaced throughout, wath ample margins. All pages, through the figure legends, should be sequentially numbered, and the first author's name must appear in the upper right corner of each page. Papers not conforming to journal style will be returned without review. Manuscripts should be organized according to the following style:

(1) Title page. Include a concise title of no more than 150 characters, all authors name (not initials) and institutional affiliations, short running title of not more than 40 characters, grant numbers and sources of support, name and address of author(s) to whom correspondence, proofs, and reprint requests should be sent. (2) Abstract. Submit on a separate page. The abstract describes in less than 300 words exactly what was done, the results obtained, and the conclusions drawn. Following the abstract, an alphabetical list of abbreviations and a list of key

words (up to 7) in alphabetical order for coding and indexing.

(3) Text. Articles start with introductory material that describes the hypothesis, there is no heading. After that, the main headings appear in this order: "Materials and Methods", "Results", "Discussion", "Acknowledgments" (optional), and "References". Where appropriate, names and exact locations of manufacturers are cited. All authors are responsible for recognizing and including and interest the start that the start of the start disclosing any duality of interest that could be perceived to bias their work in the acknowledgments, making known all financial support and any other personal connections. This includes, but is not limited to: funding, such as salaries, equipment, supplies, reimbursement for attending symposia, etc, from organizations that may gain or lose financially through the publication of the paper; personal financial interests, such as stocks and shares in companies that may gain or lose financially from publication, consultation fees or forms of renumeration from organizations that may gain or lose financially, or patent and patent applications whose value may be affected; and, employment, whether recent, present or anticipated, by an organization that may gain or lose from publication of the paper. If you have no duality of interest to declare, please state this and we will add the following text to your paper: "Duality of interest:

(4) References. References are to be numbered in the order of citation within the text, and should be listed in numeric order on a separate page(s) at the end of the article. Citations in the main text should appear as Arabic numerals in parentheses. References with less than six authors should list all names; for more than six authors, list the first name followed by et al. Periodical abbreviations should follow those used by Index Medicus. Individual references should be formatted in the Vancouver style, as follows:

Journal: Weed SA, Stabach PR, Oyer CE, Gallagher PG, Morrow JS. The lethal

hemolytic mutation in beta I sigma 2 spectrin Providence yields a null

phenotype in neonatal skeletal muscle. Lab Invest 1996;74:1117–1129.

Book: Feldman RS, Meyer JS, Quenzer LF. Principles of Neuropsychophar

macology. London: Palgrave, 1997.

Chapter in Edited Book: Pober JS. Vascular endothelium in transplantation.

In: Tilney NL, Strom TB, Paul LC, editors. Transplantation biology: Cellular and

molecular aspects. 1st ed. Philadelphia, PA: Lippincott-Raven, 1996. p. 127-

Online Publication: Citations for articles published first online should be formatted as follows: Meador-Woodruff JH, Davis KL, Haroutunian V. Abnormal kainate receptor expression in pre-frontal cortex in schizophrenia. Neuro-pyschopharm, print copy in press 2000 Aug. Available from: URL: www.acn-p.org/citations/Npp08080001/. When the manuscript is published in the journal, replace "in press" with the appropriate volume and page number. (5) Abbreviations/Acronyms are defined in both the abstract and body of the

text as follows: vascular permeability factor (VPF); transforming growth factor- β (TGF-β). They are used in the abstract only if they appear twice in addition to first mention; and in the body of the text only if they appear three times in

(6) Tables and table legends are clearly numbered and double-spaced on separate pages.

(7) Figure legends are typed on a separate page.

(8) Figures. Formats for figures are explained in full at http://www.nature.com/sj/information/artworkguidelines.pdf. Authors are requested to read and follow this information upon acceptance of their manuscript. At submission, figures should be at good enough resolution to be assessed by referees, ideally as JPEGs. Very high-resolution figures are often too large to send to referees. Print quality artwork will be required at the time of acceptance.

Color on the Web Authors who wish their articles to have FREE color figures on the web must supply separate files in the following format. See "Supplementary Data" below

For Single Images:

Resolution

Width 500 pixels (authors should select "constrain propor-

tions", or equivalent instructions, to allow the applica-

tion to set the correct height automatically.) **72 dpi** (dots per inch) – or "Save for Web" if using

Photoshop[©]

JPEG for photographs Format

GIF for line drawings or charts

Please save image with .jpg or .gif extension to ensure it **Filenaming**

can be read by all platforms and graphics packages.

For Multi-part Images

900 pixels (authors should select "constrain propor-Width

tions", or equivalent instructions, to allow the application to set the correct height automatically.)

Resolution 72 dpi (dots per inch) - or "Save for Web" if using

Format

Photoshop© JPEG for photographs GIF for line drawings or charts

Please save image with .jpg or .gif extension to ensure it can be read by all platforms and graphics packages. Filenaming

Authors may be asked to pay the full color fee for figures that are not submitted in the format described above.

Color Illustrations. Authors may submit figures in color, but inclusion is subject to the Editor-in-Chief's discretion. If color figures are accepted, they will be typeset in order of mention. There will be no charge for up to two pages of color figures; the author will be responsible for the production costs of additional color images (\$500 per additional page). Online color figures will be handled free of charge, as will all black and white figures.

Supplementary Data
Authors are invited to submit supplementary data to be published with the online version of their paper on the journal website. Supplementary data will be subject to the same editorial standards and peer Supplementary data will be subject to the same editorial standards and peer review process as the main manuscript; only data which substantially contribute to the manuscript will be accepted for online publication. Authors should state their reasons for including their supplementary data. Any supplementary material should be cited at the appropriate place in the manuscript itself, with the words 'see supplementary information'. Supplementary material may include text (e.g. information on methods) and/or figures (including color figures) which cannot be included in the print journal for reasons of space or cost, and video clips (which should be produced using QuickTime software). Supplementary material must be supplied to the publisher in its final form, it will not be subedited so authors must ensure that it is supplied ready for publication online. Please supply supplementary material as separate files, clearly marked as supplementary information, with the file names, author's surname and manuscript number.

Page Charges. There is a basic page charge of \$75.00 per page. Black and White illustrations are included in the page charge.

Reprints are ordered from the publisher when page proofs are returned.

Permissions information. Written permission to reproduce borrowed material (illustrations, tables and identifiable clinical photographs) must be obtained. Borrowed material should be acknowledged in the captions in this style: 'Reproduced by kind permission of... (publishers)... from... (reference).' It is the responsibility of the author to obtain all such permissions from the original publishers and authors, and to submit them with the typescript.