

# AUTHOR INSTRUCTIONS

## *PLASMA MEDICINE*

**DESCRIPTION OF PAPERS CONSIDERED FOR PUBLICATION:** Technology has always played an important role in medicine and there are many journals today devoted to medical applications of ionizing radiation, lasers, ultrasound, magnetic resonance and others. Plasma technology is a relative newcomer to the field of medicine. Experimental work conducted at several major universities, research centers and companies around the world over the recent decade demonstrates that plasma can be used in variety of medical applications. It is already widely used surgeries and endoscopic procedures. It has been shown to control properties of cellular and tissue matrices, including biocompatibility of various substrates. Non-thermal plasma has been demonstrated to deactivate dangerous pathogens and to stop bleeding without damaging healthy tissue. It can be used to promote wound healing and to treat cancer. Understanding of various mechanisms by which plasma can interact with living systems, including effects of reactive oxygen species, reactive nitrogen species and charges, has begun to emerge recently. The aim of the *Plasma Medicine* journal will be to provide a forum where the above topics as well as topics closely related to them can be presented and discussed. Existing journals on plasma science and technology are aimed for audiences with primarily engineering and science background. The field of plasma medicine, on the other hand, is highly interdisciplinary. Some of prospective readers and contributors of the *Plasma Medicine* journal are expected to have background in medicine and biology. Others might be more familiar with plasma science. The goal of the proposed Plasma Medicine journal is to bridge the gap between audiences with such different backgrounds, without sacrificing the quality of the papers be their emphasis on medicine, biology or plasma science and technology.

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Format references exactly as follows:

#### **Journal Articles**

Agarwal S, Rao A. Modulation of chromatin structure regulates cytokine gene expression during T-cell differentiation. *Immunity*. 1998 Dec 25;9(6):765-75.

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Organization as author

Diabetes Prevention Program Research Group. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension*. 2002;40(5):679-86.

Both personal authors and an organization as author

Vallancien G, Emberton M, Harving N, van Moorselaar RJ; Alf-One Study Group. European men suffering from lower urinary tract symptoms. *J Urol*. 2003;169(6):2257-61.

No author given

21st century heart solution may have a sting in the tail. *BMJ*. 2002;325(7357):184.

Article not in English

Ellingsen AE, Wilhelmsen I. Sykdomsangst blant medisinerstudenter. *Tidsskr Nor Laegeforen*. 2002;122(8):785-7.

Volume with supplement

Geraud G, Spierings EL, Keywood C. Tolerability and safety of frovatriptan with short- and long-term use for treatment of migraine and in comparison with sumatriptan. *Headache*. 2002;42 Suppl 2:S93-9.

Issue with supplement

Glauser TA. Integrating clinical trial data into clinical practice. *Neurology*. 2002;58(12 Suppl 7):S6-12.

Volume with part

Abend SM, Kulish N. The psychoanalytic method from an epistemological viewpoint. *Int J Psychoanal*. 2002;83(Pt 2):491-5.

Issue with part

Ahrar K, Madoff DC, Gupta S, Wallace MJ, Price RE, Wright KC. Development of a large animal model for

lung tumors. *J Vasc Interv Radiol.* 2002;13(9 Pt 1):923-8.

Issue with no volume

Banit DM, Kaufer H, Hartford JM. Intraoperative frozen section analysis in revision total joint arthroplasty. *Clin Orthop.* 2002;(401):230-8.

No volume or issue

Outreach: bringing HIV-positive individuals into care. *HRSA Careaction.* 2002 Jun:1-6.

**Books and Other Monographs**

Personal author(s)

Murray PR, Rosenthal KS, Kobayashi GS, Pfaller MA. *Medical microbiology.* 4th ed. St. Louis: Mosby; 2002.

Editor(s), compiler(s) as author

Gilstrap LC 3rd, Cunningham FG, VanDorsten JP, editors. *Operative obstetrics.* 2nd ed. New York: McGraw-Hill; 2002.

Author(s) and editor(s)

Breedlove GK, Schorfheide AM. *Adolescent pregnancy.* 2nd ed. Wiczorek RR, editor. White Plains (NY): March of Dimes Education Services; 2001.

Organization(s) as author

Royal Adelaide Hospital; University of Adelaide, Department of Clinical Nursing. *Compendium of nursing research and practice development, 1999-2000.* Adelaide (Australia): Adelaide University; 2001.

Chapter in a book

Meltzer PS, Kallioniemi A, Trent JM. Chromosome alterations in human solid tumors. In: Vogelstein B, Kinzler KW, editors. *The genetic basis of human cancer.* New York: McGraw-Hill; 2002. p. 93-113.

**Conference Proceedings**

Harnden P, Joffe JK, Jones WG, editors. *Germ cell tumours V. Proceedings of the 5th Germ Cell Tumour Conference;* 2001 Sep 13-15; Leeds, UK. New York: Springer; 2002.

Conference paper

Christensen S, Oppacher F. An analysis of Koza's computational effort statistic for genetic programming. In: Foster JA, Lutton E, Miller J, Ryan C, Tettamanzi AG, editors. *Genetic programming. EuroGP 2002: Proceedings of the 5th European Conference on Genetic Programming;* 2002 Apr 3-5; Kinsdale, Ireland. Berlin: Springer; 2002. p. 182-91.

**Report**

Issued by funding/sponsoring agency

Yen GG (Oklahoma State University, School of Electrical and Computer Engineering, Stillwater, OK). *Health monitoring on vibration signatures. Final report.* Arlington (VA): Air Force Office of Scientific Research (US), Air Force Research Laboratory; 2002 Feb. Report No.: AFRLSRBLTR020123. Contract No.: F496209810049.

Issued by performing agency

Russell ML, Goth-Goldstein R, Apte MG, Fisk WJ. *Method for measuring the size distribution of airborne Rhinovirus.* Berkeley (CA): Lawrence Berkeley National Laboratory, Environmental Energy Technologies Division; 2002 Jan. Report No.: LBNL49574. Contract No.: DEAC0376SF00098. Sponsored by the Department of Energy.

**Dissertation**

Borkowski MM. *Infant sleep and feeding: a telephone survey of Hispanic Americans [dissertation].* Mount Pleasant (MI): Central Michigan University; 2002.

**Patent**

Pagedas AC, inventor; Ancel Surgical R&D Inc., assignee. *Flexible endoscopic grasping and cutting device and positioning tool assembly.* United States patent US 20020103498. 2002 Aug 1.

**Other Published Material**

Audiovisual material

Chason KW, Sallustio S. *Hospital preparedness for bioterrorism [videocassette].* Secaucus (NJ): Network for

Continuing Medical Education; 2002.

### **Legal Material**

#### **Public law**

Veterans Hearing Loss Compensation Act of 2002, Pub. L. No. 107-9, 115 Stat. 11 (May 24, 2001).

#### **Unenacted bill**

Healthy Children Learn Act, S. 1012, 107th Cong., 1st Sess. (2001).

#### **Code of federal regulations**

Cardiopulmonary Bypass Intracardiac Suction Control, 21 C.F.R. Sect. 870.4430 (2002).

#### **Hearing**

Arsenic in Drinking Water: An Update on the Science, Benefits and Cost: Hearing Before the Subcomm. on Environment, Technology and Standards of the House Comm. on Science, 107th Cong., 1st Sess. (Oct. 4, 2001).

### **Map**

Pratt B, Flick P, Vynne C, cartographers. Biodiversity hotspots [map]. Washington: Conservation International; 2000.

### **Unpublished Material**

*In press* (Note: NLM prefers "forthcoming" because not all items will be printed.)

Tian D, Araki H, Stahl E, Bergelson J, Kreitman M. Signature of balancing selection in Arabidopsis. Proc Natl Acad Sci U S A. In press 2002.

### **Electronic Material**

#### **CD-ROM**

Anderson SC, Poulsen KB. Anderson's electronic atlas of hematology [CD-ROM]. Philadelphia: Lippincott Williams & Wilkins; 2002.

#### **Journal article on the internet**

Aboud S. Quality improvement initiative in nursing homes: the ANA acts in an advisory role. Am J Nurs [serial on the Internet]. 2002 Jun [cited 2002 Aug 12];102(6):[about 3 p.]. Available from: <http://www.nursingworld.org/AJN/2002/june/Wawatch.htm>.

#### **Monograph on the internet**

Foley KM, Gelband H, editors. Improving palliative care for cancer [monograph on the Internet]. Washington: National Academy Press; 2001 [cited 2002 Jul 9]. Available from: <http://www.nap.edu/books/0309074029/html/>.

#### **Homepage/website**

Cancer-Pain.org [homepage on the Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9]. Available from: <http://www.cancer-pain.org/>.

#### **Database on the internet**

Who's Certified [database on the Internet]. Evanston (IL): The American Board of Medical Specialists. c2000 - [cited 2001 Mar 8]. Available from: <http://www.abms.org/newsearch.asp>.

- 10. AUTHOR PROOFS:** Corresponding authors will be notified by email when the typeset proof of their article is ready for them to review. Please note that due to the high security that some affiliations have on their email programs this email may go into your spam/junk folder; please check. Upon receipt of the email please log on to the submission site to review the proofs. After reviewing your author proof you must return to the submission site to either approve your article as is or upload your corrections. If approving your article as is, log on to the submission site, click on the article, click Submit, follow the prompts to the comment field, in the comment field, indicate that you are approving the article as is, then **click Submit**. If you are providing corrections, log on to the submission site, click on the article, upload your corrections file, **click Submit**, and follow the prompts to submit the article to the typesetter. Alterations made in the proof stage should be absolutely minimal. If the author makes numerous revisions to the author proof, they will be charged a fee of \$25.00 per hour (please see the cover letter provided with author proofs). Typesetter mistakes will not be charged to the authors. We usually request that corrections be returned within 48 hours (not including weekends or holidays). If more than 48 hours is needed to return your corrected proofs, please contact [journals@begellhouse.com](mailto:journals@begellhouse.com) as soon as possible.

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