

Journal of Health Science

Instructions for Authors

The Journal will accept original and innovative submissions in English from both members and non-members of the Pharmaceutical Society of Japan, on the understanding that the work is unpublished and is not being considered for publication elsewhere. All authors must agree with the contents of the paper and give their consent for submission of the paper.

Only manuscripts that are written in clear and concise English will be accepted for review. For non-native English-speaking authors, please note that only manuscripts that have already been checked and edited by a native English-speaking person with sufficient scientific knowledge will be accepted. English editing and revision will be conducted on manuscripts whose English grammar, spelling, *etc.* is judged to be inadequate by the Editorial Board of the Pharmaceutical Society of Japan. The editing fee will be charged to the authors.

I. TYPES OF MANUSCRIPT

The Journal publishes Regular Articles, Rapid Communications, Research Letters, Reviews, and Minireviews.

1. Regular Articles: The manuscript being submitted must consist of original research performed by the authors and the research must include new information that is of significance. While the Journal does not publish Short Communications, relatively short Regular Articles are also acceptable if the work is of a high quality.

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II. REVIEWS

1. With the exception of Invited Reviews, manuscripts will be reviewed by two or more referees, whose opinions will form the basis of the final decision by the editor.

2. Please submit the revised manuscript no later than two months from the date of notification of manuscript revision by the editor, by logging onto "Author Login" in Online Submission. A manuscript that is not revised within two months may be rejected.

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The manuscript should be submitted as a PDF file using the "Online Submission" section in our website (<http://jhs.pharm.or.jp>). Up to 3 files can be submitted; a cover letter, the manuscript, and a supplemental data.

IV. MANUSCRIPT PREPARATION

1. Cover letter The cover letter should be in one PDF file. It should include information on the corresponding author (the corresponding author's name, affiliation and address, telephone/fax numbers, and e-mail address), and for non-native English speaking authors, the name of the native English speaker or company that checked the manuscript for correct English usage. For contributions from Japan, the corresponding author's name and address should be written in Japanese as well as English.

Please insert supporting documents such as a copy of the approval letter from the ethics committee, certificate of editing by a qualified native English speaker, *etc.* after page 1.

2. Manuscript A manuscript, including all figures and tables, should be in one PDF file. Please use Times New Roman font with a font size of 12pt. All chemical compound numbers and other numbers should be Arabic numerals. Paper size should be A4 (210 mm x 297 mm). Tables can be displayed horizontally if necessary.

(1) Title Page The title page (page 1) should start with the journal name (*J. Health Sci.*) and type of manuscript (Regular Article, Research Letter, *etc.*), the title, name(s) of the author(s) and affiliation(s), and mailing address(es). Please indicate the corresponding author's e-mail address in the footnote. An asterisk (*) should be added to the right of the corresponding author's name. Use a dagger (†) to the right of a name to indicate that the present affiliation of an author is different to that of when the paper was written. In the footnotes, show the author's current affiliation and address.

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Please insert the figures and tables in the appropriate locations within the body of the manuscript. After a manuscript has been accepted, you will be requested to formally submit your paper in electronic format.

V. MANUSCRIPT FORM

1. Affiliations When there are two or more authors and they belong to more than one affiliation, the connection between each author and his or her affiliation should be indicated by italicized superscripts *a*, *b*, *c*... placed after each author's name and before each affiliation.

Examples for describing affiliations and mailing addresses:

^a *Department of Molecular Biology, Graduate School of Pharmaceutical Sciences, Hokkaido University;* ^b *Faculty of Pharmaceutical Sciences, Hokkaido University, Kita 12, Nishi 6, Kita-ku, Sapporo 060-0812, Japan,* ^c *Institute for Genetic Medicine, Hokkaido University, Kita 15, Nishi 7, Kita-ku, Sapporo 060-0815, Japan,* and ^d *Graduate School of Agriculture, Hokkaido University, Kita 9, Nishi 9, Kita-ku, Sapporo 060-8589, Japan.*

2. Abbreviations Abbreviations must be spelled out in full at their initial appearance, followed by the abbreviation in parentheses. Thereafter, the abbreviation only may be used. Please limit to an absolute minimum the use of abbreviations in the title. However, the following need not be defined: ADP (adenosine 5-diphosphate), AIDS (acquired immunodeficiency syndrome), AMP (adenosine 5'-monophosphate or adenylic acid), ATP (adenosine 5'-triphosphate), cAMP (adenosine 3', 5'-cyclic monophosphate), cDNA (complementary DNA), CoA (coenzyme A), DNA (deoxyribonucleic acid), ED₅₀ (50% effective dose), ESR (electron spin resonance), FAB-MS (fast atom bombardment mass spectrometry), FAD (flavin adenine dinucleotide), GC-MS (gas chromatography-mass spectrometry), GLC (gas-liquid chromatography), GMP (guanosine 5'-monophosphate), HPLC (high-performance liquid chromatography, high-pressure liquid chromatography), IC₅₀ (inhibitory concentration, 50%), IR (infrared), LC (liquid chromatography), LC/MS (liquid chromatography/mass spectrometry), LD₅₀ (50% lethal dose), mRNA (messenger RNA), MS (mass spectrum), NMR (nuclear magnetic resonance), P450 (as in cytochrome P450), RNA (ribonucleic acid), TLC (thin-layer chromatography), tRNA (transfer RNA), UV (ultraviolet)

3. Units The following units should be used: length (m, cm, mm, μ m, nm, Å), mass (kg, g, mg, μ g, ng, pg, mol, mmol), volume (l, ml, μ l), time (s, min, h, d), temperature ($^{\circ}$ C, K), radiation (Bq, Ci, dpm, Gy, rad), and concentration (M, mM, mol/l, mmol/l, mg/ml, μ g/ml, %, % (v/v), % (w/v), ppm, ppb).

4. Spectral and Elemental Analysis Data Please report spectral and elemental analysis data in the following format. ¹H-NMR (CDCl₃) δ : 1.25 (3H, d, *J*=7.0 Hz), 3.55 (1H, q, *J*=7.0 Hz), 6.70 (1H, m). ¹³C-NMR (CDCl₃) δ : 20.9 (q), 71.5 (d), 169.9 (s). IR (KBr) cm⁻¹: 1720, 1050, 910. UV λ_{\max} (EtOH) nm (ϵ): 241 (10860), 288 (9380). UV λ_{\max} (H₂O) nm (log ϵ): 280 (3.25). FAB-MS *m/z*: 332.1258 (Calcd for C₁₈H₂₀O₆: 332.1259). MS *m/z*: 332 (M⁺), 180, 168. [α]_D²⁵ -74.5 (*c*=1.0, MeOH). *Anal.* Calcd for C₁₉H₂₁NO₃: C, 73.29; H, 6.80; N, 4.50. Found: C, 73.30; H, 6.88; N, 4.65.

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Examples of references are as follows:

- 1) Kubo, U., Hwang, G. H. and Suzuki, H. (2000) Cloning and functional characterization of copper transporter. *J. Health Sci.*, **46**, 135-140.
- 2) Albert, B. and Hardin, T. D. (1998) *Metal Toxicology in Mammals*, Madison Press, New York.
- 3) Meister, B., Revel, T. M. and Caprio, M. N. (1999) Molecular mechanism of cell death. In *Handbook of Health Science* (Clarke, A. and Young, T. A., Eds.), Carrie Press, Tokyo, pp. 135-137.
- 4) International Organization for Standardization, How ISO develops standards, http://www.iso.org/iso/about/how_iso_develops_standards.htm, cited 25 August, 2008.

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For references appearing in the main text, the last names of the first 2 authors only should be written. For references with 3 or more authors, write the name of the first author followed by *et al.* (Example: Jones A. B., *et al.*).

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When structure determination by X-ray crystallographic analysis is a central theme of a paper, the data required for registration with the Cambridge Crystallographic Data Centre (CCDC) should be attached as supplementary material. Although this does not apply in cases where crystallographic analysis plays only a supplementary role, crystal data (unit cell parameters, space group, Z density) and R-factor should still be noted. Atomic coordinates will be printed when the structure is important. Bond lengths and

angles, thermal parameters, and torsion angles will be printed when they are important for the issues addressed in the paper. When papers have been accepted, the authors are advised to register the data with CCDC.

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Newly reported nucleotide sequences must be deposited in one of the data banks, (either DDBJ, GenBank, or EMBL) and an accession number must be obtained before the paper will be accepted by the Editorial Board. Access to the information in the database must be available at the time of publication. A footnote will be included in the paper indicating that such a deposit has been made.

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