The Journal of Poultry Science

Instructions for Authors

(Revised in April 25, 2020)

Aims and scope

The Journal of Poultry Science (JPS), an official international journal published quarterly by the Japan Poultry Science Association (JPSA), was first issued in 1964 as the Japanese Poultry Science. JPS welcomes original articles that contain the results of fundamental and applied researches in the area of genetics and breeding, nutrition and feed, anatomy and histology, reproduction, management and hygiene, general physiology, and processing and products. Articles published in JPS typically cover valuable researches on domestic fowls, but we welcome research outcomes on wild birds that address to solve fundamental questions in the field of poultry science. JPS publishes following three types of articles.

Full papers:

Full Papers present the most common form of articles published in the journal. They describe the results of experiments implemented in order to examine a novel hypothesis. The relevant background, experimental designs and methods, results and discussion should be logically presented, and novel findings must be included.

Research notes:

Research Notes are brief articles giving the experimental results that contain novel findings but may represent less comprehensive research outcomes. The relevant background, experimental designs and methods, results and discussion should be logically presented in compact. The length of Research Notes should not exceed 3500 words with 1-2 figures or tables.

Review articles:

The contributors of review articles are invited based on the recommendation of the editorial board. The journal has spaces to accept review articles on subjects within the aims of the journal.

All articles submitted for publication have to be original without submitting the same article to any other journals or multiple articles based on the same experiment. In the cover letter on the submission, the author should declare a complete statement about any reporting of the data or any other publications.

Four issues of JPS will be published each year through an on-line J-STAGE system operated by the Japan Science and Technology Agency.

1. Editorial Policy

The journal supports and adheres to the guidelines and best practices including Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals (http://www.icmje.org/icmje-recommendations.pdf) by the International Committee of Medical Journals Editors (ICMJE) and the Principles of Transparency and Best Practice in Scholarly Publishing (a joint statement by the Committee on Publication Ethics (COPE), the Directory of Open Access Journals (DOAJ), the World Association for Medical Editors (WAME) and the Open Access Scholarly Publishers Association (OASPA); (http://doaj.org/bestpractice).

2. Submission of Manuscript

JPS publishes the papers of basic and applied research in the field of poultry science including the area of genetics and breeding, nutrition and feed, anatomy and histology, reproduction, general physiology, management and hygiene, processing and products. We also welcome research articles on wild birds that contribute to solve fundamental issues in poultry science. A limited number of review papers will be considered for publication if they contribute significant advancement to a subject area.

Manuscript submitted to JPS must contain the materials that are original and not unpublished or under consideration elsewhere. Papers that have been, or are scheduled to be, published elsewhere will not be accepted. All submissions must be made using the online manuscript submission system. The online submission system can be accessed from the following URL: https://mc.manuscriptcentral.com/jpsa or it can be accessed via the journal's website (https://jpn-psa.jp/en) and following the link for JPS manuscript submission. All procedures required for the web-based submission are provided on the web site.

If the authors are unable to submit online or in the case of technical difficulties, please contact:

The Editorial Office of

THE JOURNAL OF POULTRY SCIENCE Institute of Livestock and Grassland Science, NARO Ikenodai, Tsukuba Ibaraki 305–0901, Japan TEL & FAX: +81–29–838–8777 E-mail: jpsa-s@naro.affrc.go.jp

3. Peer Review Policies

3.1 Peer Review

All submissions to the journal are initially reviewed by appropriate section editor to assess the quality of the paper and appropriateness for the journal solely on the originality, logic and significance of the contents. Where agreement is reached between the section editor and editor in chief, papers are rejected without further peer review. Manuscripts judged as potentially suitable for the journal are sent out for peer review by two experts in the field. The reviewers are anonymous during and after the review. The review comments are evaluated by the editors, who send a recommendation for a decision to the Editor-in-Chief, who makes the final decision.

3.2 Revision

The authors of manuscripts that receive "major revision" or "minor revision" should revise their manuscript according to the referees' and editors' comments in order to meet critical intent of the reviewers. The response letter, which explains the specific changes in the revised manuscript according to the comments and suggestions by the reviewers in point-by-point manner, should be submitted along with the revised manuscript. Authors should submit the revised manuscript within 6 weeks from the date of prior decision. Failure to return the manuscript within 6 weeks will be considered a withdrawal from the Journal. If authors decide not to submit a revision, they are asked to send a formal request for withdraw to the Editorial Office in writing.

Editor-in-Chief may send the revised manuscript to section editors and reviewers who handled the manuscript at initial submission to check if the manuscript is appropriately revised as suggested by the reviewers.

4. Conflicts of Interest

Authors must identify and disclose any financial and personal relationships with other people or organizations that could inappropriately influence their work. If there is no conflict of interest, please state "The authors declare no conflict of interest."

5. Ethical Statement

Any study or report on human subjects or materials of human origin, must comply with the provisions of the Declaration of Helsinki.

Authors must make it clear that experiments were conducted in a manner that avoided unnecessary discomfort to the animals by the use of proper management and laboratory techniques. Experiments shall be conducted in accordance with the principles and specific guidelines presented in Guide for the Care and Use of Agricultural Animals in Japan, or Guide for the Care and Use of Agricultural Animals in Research and Teaching, 3rd edition, 2010. The authors also must mention the ethical approval number provided by the Animal Experiment Committee of affiliated institution. In describing surgical procedures, the type and dosage of the anesthetic agent must be specified. Intra-abdominal and intrathoracic invasive surgery requires anesthesia. This includes caponization. The editorin-chief of JPS may refuse to publish manuscripts that are not compatible with these guides. If rejected solely on that basis, however, the paper may be resubmitted for reconsideration when accompanied by a written verification that a committee on animal care in research has approved the experimental design and procedures involved.

6. Corrections, Retractions and Expressions of Concern

JPS publishes corrections, retractions, and expressions of concern as appropriate, and as quickly as possible.

6.1 Corrections

If an error appears in a published article that affects scientific meanings but does not affect the overall results and conclusions of the paper, a notice of correction will be issued by JPS. Authors who wish to correct a published article should contact the editor who handled their manuscript or the Editorial Office with full details of the error (s) and their requested changes. If an error is introduced by the authors, a correction is published and the author is required to pay all costs associated with the correction. All corrections will be published in the journal on numbered pages in print and online. The text will explain the changes being made and/or the reasons for action being taken.

6.2 Retractions

If a published paper contains one or more significant errors or inaccuracies that change the overall results and conclusions of the paper, the entire paper should be retracted. Individuals who believe that a published article should be retracted are encouraged to contact the journal's Editorial Office with full details of their concerns. JPS will request an explanation from the authors as to how the errors or inaccuracies occurred, and if they are not satisfied with the response they will ask the employers of the authors. All retractions will be published in the journal on numbered pages in print and online. Notices of retraction will mention the reasons and basis for the retraction.

6.3 Expressions of Concern

When scientific misconduct such as data fabrication, deceptive manipulation of images, or plagiarism is alleged, JPS may publish an Editorial Expression of Concern relating to the paper in print and online.

7. Preparation of Manuscript

Full Papers and Research Notes should consist of the following contents: Title page, Abstract, Introduction, Materials and Methods, Results, Discussion, Acknowledgments, References, Legends to Figures, Tables, and Figures (graphs, photographs and illustrations). The Results and Discussion sections can be appropriately combined under specific conditions. Review articles should consist of a Title page, Abstract, Introduction, main contents, Acknowledgments, References, Legends to Figures, Tables, and Figures. All manuscripts must be written in English. In the case of linguistic problems, English proofreading will be requested.

Articles must be written using a 12-point font (preferably Times or Times New Roman) in A4 $(210 \times 297 \text{ mm})$ format with 24 to 26 lines per page. The lines should be numbered along the left margin and the margins should be 30 mm on all sides. Pages should be numbered consecutively in the bottom center.

In the final version of the article after acceptance, the manuscript and tables should be prepared with MS Word, while the figures should be prepared with JPEG, TIFF, PDF, or EPS formats.

Title Pages

The first page should include the title of the article, name of author (s) and their affiliation and address, running title (6 words or less), and corresponding author including name, affiliation address and e-mail address. The first and last names of the authors should be written in full, and the middle names should be abbreviated to initials.

Abstract

The abstract should clearly show the purpose, experimental approach, results and conclusions of the research, and should not exceed 300 words. Three to six key words should be listed in alphabetical order. Abbreviations should be avoided.

Materials and Methods

The description of methods should include sufficient details to allow the experiments to be repeated. When using modifications to a method previously described by other authors, authors should describe each modification and cite the original reference. Results should be analyzed using suitable statistical methods, and these methods should be described.

Acknowledgment

Authors may acknowledge all sources of funding for the research in an Acknowledgments section of the paper. Names of funders should be provided; grant names and/or numbers may be included.

References

Within the text, references should be given by the name of the authors and the year of publication, such as Simkiss and Taylor (1971). Two or more references cited at the same site in the text should be arranged chronologically and separated by semicolons. If a reference cites a publication written by two authors, the name of both authors should be used. If the cited publication is written by three or more authors, only the first author should be named, followed by "*et al.*". Articles in nonpeer reviewed journals, meeting abstracts, personal communications based on unpublished work should not be cited.

For the References section, the list of references should first be arranged in alphabetical order of first author's name, and then chronologically. If more than one article is cited for the same first author and same year, the order of the articles should be arranged alphabetically by the second and subsequent authors' name. Publications by the same author(s) or by the same first author with the abbreviated coauthors in the text as *"et al."* in the same year should be listed as 2010a, 2010b. Individual entries should be formatted as follows based on the type of materials cited.

(Journal article)

Hernandez AG and Bahr JM. Culture of chicken granulosa cells from small yellow follicles: A suitable culture system. Journal of Poultry Science, 39: 14–21. 2002.

(Book)

Nalbandov AV. Advances in Neuroendocrinology. 2nd ed. University of Illinois Press. Urbana. 1963.

(Chapter in a book)

Simkiss K and Taylor TG. Shell formation. In: Physiology and Biochemistry of the Domestic Fowl (Bell DJ and Freeman BM eds.). Vol. 3. pp. 1331–1343. Academic Press. London. 1971.

(WEB page)

Tanaka M. J-Poultry Web. http://www.j-poult.com/topic20. htm. Accessed on September 10, 2009.

(Patent)

Suzuki M. Method of *in vitro* fertilization. Japan Patent No. 674562, 2008.

Figures and Tables

Figures (graphs, photographs and illustrations) should be prepared in final printed size in more than 300 dpi. Figures should not exceed 80 mm (single-column) or 165 mm (doublecolumn) horizontally and 190 mm vertically. Lettering must be sufficiently large and clear (Century font in 8-point or more). The size of lines in illustrations should be 0.2 mm or more. Authors will be charged an extra printing fee for the inclusion of color figures, but the expense will be reduced when the authors submit both color figures for on-line version and black and white figures for printed version.

Legends to figures should be prepared on separate pages and placed at the end of the manuscript. For preparing Tables, vertical lines should not be used and the title should be placed at the head and legend at the foot.

Supplementary Information

Please provide a one-sentence title and a short legend for each video/audio file. The legend should be within 100 words and without citation of any references. Please ensure that file sizes are small enough to download quickly. Images should be a maximum size of 640×480 pixels with 72 pixels per inch. We accept maximum ten files. A single file should not exceed 30 MB, where the maximum limit of all the cumulative files is 100 MB. Please note that these limits are absolutely maximum, so that we cannot exceed under any circumstances. We accept files in any of the following formats:

- Adobe Acrobat (.pdf) (preferred)
- Quick Time movie (.mov) (preferred)
- Audio file (.wav)
- MPEG/MPG animation (.mpg, .mp4, .mp3)

Because supplemental data (except video and audio files) are not accepted on the first submission, all data should be assigned to place in the text of the article. Based on the assessment and suggestion of editor(s), authors can replace some data from the text to the Supplemental Data section. Please supply a title and descriptive caption for each supplemental data. Supplemental data must be described in the manuscript text (e.g., "see Table S1"), and the files should be labeled accordingly (e.g., Table S1, Figure S1, Figure S2, etc.).

Abbreviations

Special abbreviations should be given in parentheses after a full description of the non-abbreviated term upon their first appearance in the text. The SI unit system should be used (http://physics.nist.gov/cuu/Units/index.html). Genus and species names, and other words normally italicized, should be typed in italics or underlined (example: *Gallus gallus, in vitro*).

Submission within Japan

In the case of submission within Japan, a summary in Japanese (800 characters or less) is required at the end of the manuscript. The summary in Japanese should include the title, name of author(s) and their affiliation and address, and key words (3 to 6). It is not necessary to attach a Japanese summary for articles submitted from outside of Japan. The summary in Japanese of articles submitted within Japan will appear on the web site of JPSA (in Japanese).

8. Nomination of preferred reviewers

Authors are requested to nominate at least 2 preferred reviewers at the time of on-line manuscript submission.

9. Proofs

One proof will be sent to the corresponding author for correction. Proofs should be returned promptly to avoid a delay of publication. Corrections on the proof must be restricted to misprints. The editor may correct the manuscript to adjust the format for the journal.

10. Page Charges and Reprints

Authors will be charged for the cost of publication based on the number of printed pages in the article (see the Note below). A fee for reprints will be charged to the authors. Reprints should be ordered using the order form attached to the author proof. An extra charge will be added for color printing.

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13. Additional Information

This Instructions for Authors is based in part on "Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly work in Medical Journals," as published by the International Committee of Medical Journal Editors (ICMJE). For any information that is not mentioned in these

guidelines, authors should refer to the ICMJE Recommendations.

14. Advertisement Policy

JPS does not accept advertising from pharmaceutical, device manufacturers, or any commercial entities to avoid potential conflicts of interest in editorial decision making and to avoid appearance of advertisement by the companies with potential competing interest with the articles that is published in the journal.

This instruction is effective for the manuscript submitted after April 25, 2020.

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The Journal of Poultry Science Manuscript Pre-edit Check List

To Authors

Please check your manuscript using the following items, and give marks in boxes to confirm it correct. Sample manuscript is shown on the second and following pages. Recent published papers: https://www.jstage.jst.go.jp/browse/jpsa/-char/en

Items	Give marks
First page	
Title, Name of Author(s), Affiliation and Address, Running Title, and Corresponding Author should be given.	
The first and last names of each author should be written in full spelling. Middle name should be written as the initial.	
Running title should be given within 6 words.	
Corresponding author should be written (including institutional address and correct e-mail address).	
Second page	
Abstract should be written within 300 words.	
Add keywords (three to six words) at the bottom of Abstract in an alphabetical order.	
Third and the following pages	
The manuscript should be written in the order of Introduction, Materials and Methods, Results, Discussion, Acknowledgment, Conflicts of Interest, References, Figure Legends, Figures and Tables.	
References	
 References at the end of a sentence in the text should be written as: (Simkiss and Taylor, 1971). If more than two references are cited at the same site in the text: (Yoshimura, 1995; Yoshimura and Tajima, 2000; Yoshimura <u>et al.</u>, 2004). If reference is cited at the beginning of sentence: Yoshimura <u>et al.</u> (2004) reported 	
The list of references must be in an alphabetical order of the first author's last name in the Reference list with the following styles.	
<i>Journal articles:</i> Hernandez AG and Bahr JM. Culture of chicken granulose cells from small yellow follicle: A suitable culture system. Journal of Poultry Science 39:14-21. 2002.	
<i>Book:</i> Nalbandov AV. Advances in Neuroendocrinology. 2nd ed. University of Illinois Press. Urbana. 1963.	
<i>Chapter in a book:</i> Simkiss K and Taylor TG. Shell formation. In: Physiology and Biochemistry of the Domestic Fowl (Bell DJ and Freeman BM eds.). Vol.3. pp.1331-1343. Academic Press. London. 1971.	
Patent:	
Suzuki M. Method of in vitro fertilization. Japan Patent No.674562, 2008.	
WEB page: Tanaka M. J-Poultry Web. http://www.j-poult.com/topic20.htm. Accessed on September 10, 2009.	
All the cited papers in the text must be listed in the Reference list.	
All the papers in Reference list must be cited in the text	

Papers not yet accepted for publication should not be listed in References (cite in text as "unpublished data").	
Tables and Figures	
Table style and format should be per instructions for authors and recent issues.	
Abbreviations used in a table must be defined in that table.	
Figures to be printed in black and white should prepared in black and white.	
Abbreviations used in the figure must be defined in the caption of that figure.	
Supplemental Information	
Please provide a one-sentence title and a short legend for each video/audio file. The legend should be within 100 words and without citation of any reference. Supplemental data except video and audio files are not accepted on the first submission.	
Others	
Line numbers should be given on each page.	

The Journal of Poultry Science : Check List and Sample Manuscript 1 Page 1

Effects of Repeated Artificial Insemination on the Structure and Function of Oviducal Sperm Storage
Tubules in Chickens, <u>Gallus gallus</u>
Shubash C. Das ¹ , Naohiro Nagasaka ² and Yukinori Yoshimura ¹
¹ Graduate School of Biosphere Science, Higashi-Hiroshima 739-8528, Japan
² Animal Research Center, Kochi, Takaoka-Gun 739-1233, Japan
Running title: AI and Sperm Storage Tubule
Correspondence: Dr. Yukinori Yoshimura, Graduate School of Biosphere Science, Higashi-Hiroshim
 Correspondence: Dr. Yukinori Yoshimura, Graduate School of Biosphere Science, Higashi-Hiroshima 739-8528, Japan. (E-mail: yyosimu@hiroshima-u.ac.jp)
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Correspondence: Dr. Yukinori Yoshimura, Graduate School of Biosphere Science, Higashi-Hiroshim 739-8528, Japan. (E-mail: yyosimu@hiroshima-u.ac.jp)
Correspondence: Dr. Yukinori Yoshimura, Graduate School of Biosphere Science, Higashi-Hiroshim 739-8528, Japan. (E-mail: yyosimu@hiroshima-u.ac.jp) Title: Nouns should be written as a capital letters and no period should be put at the end. The scientific names of animals and plants, and Latin adverbs should be written in italics or underlined. Authors: The first and last names of each author should be written in full spelling. Middle name should be written as the
Correspondence: Dr. Yukinori Yoshimura, Graduate School of Biosphere Science, Higashi-Hiroshim 739-8528, Japan. (E-mail: yyosimu@hiroshima-u.ac.jp) Title: Nouns should be written as a capital letters and no period should be put at the end. The scientific names of animals and plants, and Latin adverbs should be written in italics or underlined. Authors: The first and last names of each author should be written in full spelling. Middle name should be written as the initials followed by putting periods. Running Title:

- 18
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- 1 Page 2
- 2 The goal of this study was to determine the mechanism by which the fertility was declined ----
- 3 Keywords: artificial insemination, chicken, fertility decline, oviduct, sperm storage tubules

Abstract should be written within 300 words or less on page 2. **Keywords** should be given with three to six words at the bottom of abstract, and arranged in alphabetical order.

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- 5 Page 3 and following pages
 - Introduction
 - In hens, spermatozoa are stored for prolonged periods after single artificial insemination (AI)
- 8 or mating within the sperm storage tubules (SST) which are located in the utero-vaginal junction (UVJ)
- 9 and infundibulum, whereas the UVJ is the primary site for the sperm storage (Fujii and Tamura, 1963;
- 10 Bobr <u>et al.</u>, 1964; Lake, 1975). Yoshimura <u>et al</u>. (2005) reported ------

Reference citation in the text:

References in text should be written as last name of the first author, published year in parenthesis.

If the number of authors of one reference is two, last name of both authors should be indicated.

If the number of authors of one reference is more than three, only the last name of first author should be indicated and add " $\underline{et al}$."

Plural references in a place should be divided by semicolons and written in order of published year (old to new).

11	
12	Materials and Methods
13	
14	Experimental birds
15	Rhode Island Red hens regularly laying 5 or more eggs in a sequence
16	
17	Results
18	
19	Lymphocytes were distributed in the stroma and the SST epithelium (Fig. 1). Figure 2
20	shows the results of

	The Journal of Poultry Science : Check List and Sample Manuscript
1	Discussion
2	
3	We are reporting the structures and sperm storage ability of SST of Rhode Island Red hens
4	whose fertility was declined by repeated AI with
5	Do not make Conclusion section, whereas the study conclusion should be stated at the end of Discussion.
	Acknowledgements
	This work was supported by Grant-in-Aid for Scientific Research from
	If the work is supported by any grants, Acknowledgment should touch that research grants.
	Conflicts of Interest
	The authors declare no conflict of interest.
	Authors must identify and disclose any financial and personal relationships with other people or organizations that could inappropriately influence their work. If there is no conflict of interest, please state "The authors declare no conflict of interest."
	References
	(In case of journal article)
	Nakamura Y, Usui F, Atsumi Y, Otomo A, Teshima A, Ono T, Takeda K, Nirasawa K, Kagami H and
	Tagami T. Effects of busulfan sustained-release emulsion on depletion and repopulation of primordial
	germ cells in early chicken embryos. Journal of Poultry Science, 46: 127-135. 2009.
	(In case of a book)

 $\mathbf{5}$

- Nalbandov AV. Advances in Neuroendocrinology. 2nd ed. University of Illinois Press. Urbana. 1963. 1
- 2 (In case of chapter in a book)
- 3 Simkiss K and Taylor TG. Shell formation. In: Physiology and Biochemistry of the Domestic Fowl
- (Bell DJ and Freeman BM eds.). Vol.3. pp.1331-1343, Academic Press, London. 1971. 4
- 5 (In case of WEB page)
- Tanaka M. J-Poultry Web. http://www.j-poult.com/topic20.htm. Accessed on September 10, 2009. 6
- 7 (In case of patent)
- Suzuki M. Method of in vitro fertilization. Japan Patent No.674562, 2008. 8

References from journals should be written as: Name of authors (add "and" just before the last author), title, journal name with full spelling, volume, first and last page, and publication year should be given. Period should not be put at the initial of author's name. The issue number in a volume should be omitted.

Reference from books should be written as:

Name of authors, book name, edition, pp., publisher, published place and published year should be given.

In case of a chapter in a book, "In: title of the chapter and name of editor(s)" should be given.

References should be listed in alphabetical order of the first author's last name. Plural references by a same author should be listed by the published year (old to new). Plural references by a same author published in same years should be listed in alphabetical order of the last name of second and subsequent authors. Publications by the same author(s) or by the same first author with the abbreviated coauthors in the text as "et al." in the

same year should be listed as 2010a, 2010b. Individual entries should be formatted as follows based on the type of materials cited.

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1 Legends to figures

2 Fig. 1. Structural analysis of sperm storage tubules and lymphocytes population in virgin and

3 repeatedly inseminated hens. (a) outer diameter of ---- within each region of UVJ (P < 0.05).

ptions of	f the figures s	should be plac	ed on one pa	ge separated	from the fig	ures.

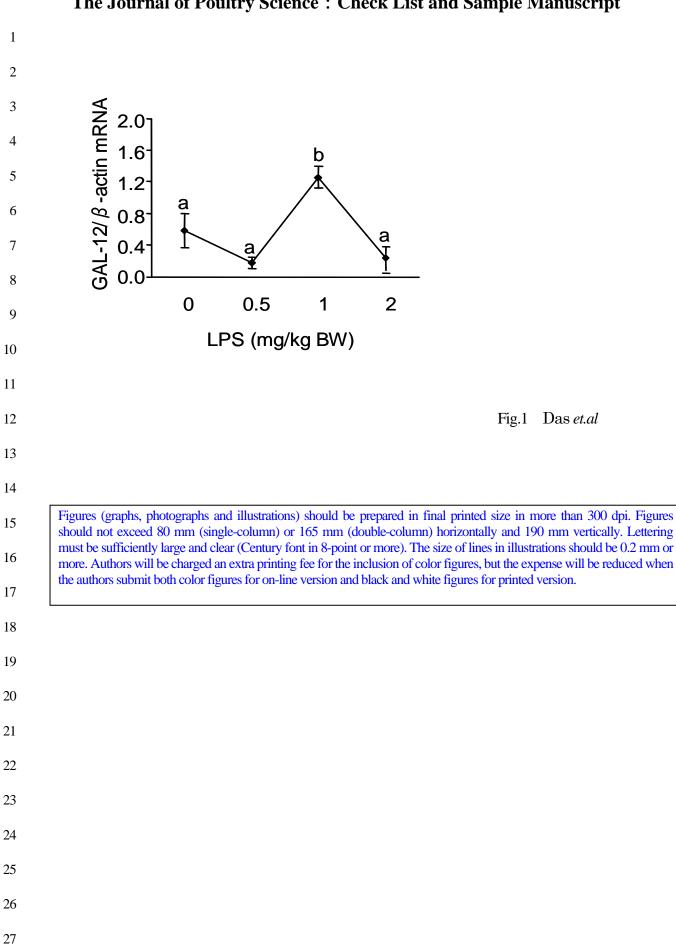
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Examples for Tables and Figures (Prepare on separate pages from the text)

Table 1. Distribution of the reaction products of peroxidase activity in the surface epithelium of oviducts
 in immature, laying and non-laying hens

4	<u> </u>	ing and non ayn	•		,	<u>ז</u>	2		
5	_	Area of the reaction products distribution ($\mu m^2/10,000 \mu m^2$)							
5	Birds	infundibulum	magnum	isthmus	uterus	UVJ	vagina		
6	Immature	_	0	—	0	—	$0^{\mathbf{a}}$		
7	Laying	0	0	F	0	0	$3,689 \pm 335^{b}$		
8	Non-laying	0	0	0	0	0	$620~\pm~345^{\rm a}$		
9		agina are mean ± erent (P<0.01). (ots (a, b and c) are nined because the		
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Supplemental Information

• Please provide a one-sentence title and a short legend for each video/audio file.

• The legend should be within 100 words and without citation of any reference.

When an editor suggests to add any supplemental figure(s) or table(s), please provide them as per the instructions mentioned above.

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