

## ACKNOWLEDGEMENT

The Editorial Board would like to thank and express appreciation to all peer reviewers who have reviewed the manuscripts for publication of Tropical Animal Science Journal Vol. 44 No. 4 Year 2021

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### Tropical Animal Science Journal

(Revised Edition 2021)

#### GENERAL INFORMATION

1. Manuscripts must be original, have not been published previously in any scientific journal, that manuscripts are not being submitted for publication elsewhere, and will not be submitted to any media during the review process, unless the authors have officially withdrawn the manuscripts from Tropical Animal Science Journal. The statement must be stated in a **statement of originality and copyright release form** (Form A). Tropical Animal Science Journal uses Similarity Check to prevent any suspected plagiarism in the manuscripts.
2. Manuscripts submitted are research topics which have no conflict with bioethical research.
3. Manuscripts encompass a broad range of research topics in tropical animal sciences: breeding and genetics, reproduction and physiology, nutrition, feed sciences, agrostology, animal products, biotechnology, behaviour, welfare, health and veterinary, livestock farming system, integrated farming system, socio-economic, and policy.
4. Started from the year 2020, the journal is published FOUR times a year, i.e. March, June, September, and December.
5. **Keywords** should be written in no more than 5 (five) words or phrases.
6. **Introduction** describes a brief background of the research, novelty, state of the arts, and objective(s). It should be written efficiently and supported by references and no more than 2 pages. Extensive discussion of relevant literatures should be included in the discussion, not in the introduction.
7. **Materials and Methods**
  - a. It should be written clearly and completely containing a clear description of biological, analytical, and statistical procedures; so they can be repeated by other researchers. References of original methods/procedures must be stated and all modifications of procedures (if any) should be explained. Diets and animal conditions (breed, sex, age, body weight, and weighing conditions [i.e., with or without restriction of feed and (or) water]) also should be described clearly and fully.
  - b. Authors should ensure that studies involving animals are performed according to animal ethics and welfare. All experimental animals should be cared for and used in compliance with international, national or local regulations. **The authors are obliged to state explicitly in a statement/letter including the name of ethics authority and the approval number**, that experiments were approved by an authority concerning the compliance with animal ethics and welfare.
  - c. Authors should state clearly information of commercial product and equipment used in the research, such as commercial name, product/equipment specification, city, and country.
  - d. Appropriate statistical methods should be used, although the biological mechanism should be emphasized. The statistical model, classes, blocks, and experimental unit must be designated. Consultation with a statistician is recommended to prevent any incorrect or inadequate statistical methods.

#### MANUSCRIPT FILE

1. Manuscripts are written in English and used standard scientific usage. Authors whose first language is not English should consult the manuscript with English editing service before submit it to Tropical Animal Science Journal.
2. Manuscripts should be prepared in Microsoft Word format, except for Graphs using Microsoft Excel program and Figures using JPEG or PDF format.
3. Manuscripts should be typed using Times New Roman fonts at 12 points.
4. Manuscripts should be typed double spaced except for Title, Tables, Title of Graphs/Figures, and appendix typed single spaced. Manuscripts are prepared in A4 paper, margins on all four sides are 3 cm, and total number of pages is 12-20.
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6. Use page numbers and line numbers.
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<http://journal.ipb.ac.id/index.php/tasj>
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  - a. Data should be presented in Tables or Figures when feasible. There should be no duplication of data in Tables and Figures. Sufficient and comprehensive data followed with some index of variation (e.g., SD, SE, etc.) and significance level (e.g.,  $p < 0.01$ ) should be presented to give a complete information and allow the reader to interpret the results of the experiment.
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9. **Discussion** should be consistent and should interpret the results clearly and concisely, address biological mechanism and their significance, supported with suitable literatures. The discussion should show relevance between the results and the field of investigation and/ or hypotheses. Results that already described in the RESULTS section should not be repeated in the DISCUSSION section.
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11. **Acknowledgement** (if any) to person(s) or institution(s) who help the experiment should be stated. Authors should also state the name and the number of the project.

#### CONTENT OF MANUSCRIPTS

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3. **Name of institution(s)** where the research was conducted must be accompanied with full address including institution/department, city, and country, and e-mail.
4. **Abstract** must be written in English, in single paragraph and no more than 250 words. Abstracts contain clear statement of introduction, objective, methods, results, significance of finding, and conclusion, with no references cited.

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- Reference citations in the text: Takahashi (2014) or (Takahashi, 2014); O'neil *et al.* (2006) or (O'neil *et al.*, 1974); Priyanto & Johnson (2011) or (Priyanto & Johnson, 2011).
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- Some examples of references are presented below:

### Book

- AOAC.** 2005. Official Methods of Analysis of AOAC International. 18<sup>th</sup> ed. Assoc. Off. Anal. Chem., Arlington.
- Jay, J. M., M. J. Loessner, & D. A. Golden.** 2005. Modern Food Microbiology. 7<sup>th</sup> ed. Springer, New York.

### Journal

- O'Neil, M. R., G. P. Lardy, L. P. Reynolds, J. S. Caton, M. L. Johnson, & K. A. Vonnahme.** 2006. Effects of estradiol (E2) and linseed meal (LSM) on caruncular angiogenic factors in ovariectomized (OVX) ewes. *Biol. Reprod.* 75(Suppl. 1): 132 (Abstr.).
- Priyanto, R. & E. R. Johnson.** 2011. Muscle growth and distribution in fattening steer of different breeds. *Med. Pet.* 34:19-22.

### Article in a Book

- Launchbaugh, K., J. A. Pfister, S. Lopez-Ortiz, & R. Frost.** 2007. Body Condition Affects Blood Alkaloid and Monoterpene Kinetics and Voluntary Intake of Chemically-Defended Plants by Livestock. In: K. E. Panter, T. L. Wierenga, & J. A. Pfister (Eds). *Poisonous Plants: Global Research and Solutions*. CAB International, Wallingford. p. 394-400.

### Electronic Publications

- Scramlin, S. M., S. N. Carr, C. W. Parks, D. M. Fernandez-Dueñas, C. M. Leick, F. K. McKeith, & J. Killefer.** 2008. Effect of Ractopamine level, gender and duration of Ractopamine on belly and bacon quality traits. *Meat Sci.*
- Windisch, W., K. Schedle, C. Plitzner, & A. Kroismayr.** 2008. Use of phytogetic products as feed additives for swine and poultry. *J. Anim. Sci.* 86:E140-E148. [http://jas.fass.org/cgi/content/full/86/14\\_suppl/E140](http://jas.fass.org/cgi/content/full/86/14_suppl/E140). [29 December 2009].

**IUCN (International Union for Conservation of Nature and Natural Resources).** 2007. The IUCN Red List

of Threatened Species: 2001 Categories and Criteria (Version 3.1). <http://www.iucnredlist.org/> [8 October 2007].

## TABLES, FIGURES, AND GRAPHS

### 1. Table:

- Tables should be prepared using Microsoft Word Table function, select Insert>Table and follow the instruction. Please do not separate cells into rows and columns by using tabs and spaces. Herewith a sample table constructed correctly:

	Column head	Column head	Column head
Row head			
Row head			
Row head			

- Tables should be clear and could stand alone (giving a complete information and could be understood without referring to the body of manuscript). All tables should be cited in the text and should not duplicate data already given in the text or in figures.
- The title should be brief and clear. Only the initial word is capitalized, typed above the table, and numbered using Arabic number. The title for socio-economic should be completed with research time and location.
- Separating lines should be made horizontal (three lines) to separate head of column (treatment) and data, and closing line.
- Data should be completed with standard deviation (SD), standard error (SE), or coefficient of variation (CV) to figure out its variation.
- Footnote for statistical analysis should be written: "Means in the same column/row with different superscript differ significantly ( $p < 0.05$ ) or highly significant ( $p < 0.01$ )".
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### 2. Figure and Graph

- Title should be brief and clear, located under the Figure or Graph. Only the initial word is capitalized and numbered with Arabic number.
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- For bar charts, should be made in 2-dimension and should use stripes as fill patterns, not a solid or block shading. Each axis should have a description and a unit.
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- Figures must have good resolution. Preferred format for figures are Word, JPEG, and PDF. Minimum resolution is 300 dpi for color and grayscale figures and 600 dpi for line art. Please consider that color figures/images for print journal will be charged separately.

ADDITIONAL NOTES

1. Nomenclature for Latin words consisting of 2 or 3 words is typed in italic and used for plants, animals, insects, micro-organisms, and diseases. Full name of chemicals is used for the first time. General name or generic can also be used.
2. Units of measurements use International System (IS).
3. Abbreviations are written using standard Tropical Animal Science Journal, as follows:  
 °C degree Celsius  
 ANOVA analysis of variance  
 ATP adenosine triphosphate  
 cal calorie  
 cfu colony-forming unit  
 CoA coenzyme A  
 CP crude protein (N × 6.25)  
 CV coefficient of variation  
 d day(s)  
 DM dry matter  
 DNA deoxyribonucleic acid  
 EDTA ethylenediaminetetraacetic acid  
 F F-distribution (variance ratio)  
 g gram  
 GE gross energy  
 GH growth hormone  
 h hour(s)  
 ha hectare  
 hCG human chorionic gonadotropin  
 HPLC high-performance (pressure) liquid chromatography  
 Hz hertz  
 IU international unit  
 J joule  
 L liter

- LD<sub>50</sub> lethal dose 50%  
 LSD least significant difference  
 m meter  
 ME metabolizable energy  
 min minute(s)  
 mo month(s)  
 n sample size (used parenthetically or in footnotes)  
 NDF neutral detergent fiber  
 No. number (use only in tables, not in the text)  
 NRC National Research Council  
 P probability  
 RNA ribonucleic acid  
 rpm revolutions/minute (not to be used to indicate centrifugal force)  
 s second(s)  
 SAS Statistical Analysis System  
 SD standard deviation (sample)  
 SE standard error  
 sp. species  
 ssp. subspecies  
 t t- (or Student) distribution  
 TDN total digestible nutrients  
 UV ultraviolet  
 V volt  
 VFA volatile fatty acid(s)  
 vol volume  
 vol/vol volume/volume (used only in parentheses)  
 vs. versus  
 W watt  
 wk week(s)  
 wt weight (use only in tables, not in the text)  
 yr year(s)

Example of Table, Figure, and Graph

Table 1. The average of feed consumption, water consumption, egg production, and feed conversion of laying quail during 8 weeks treatment

Variables	Treatments				
	T0	T1	T2	T3	T4
Feed consumption (g/quail/d)	19.94± 0.61 <sup>a</sup>	19.99±0.66 <sup>a</sup>	19.40± 0.65 <sup>a</sup>	19.49± 0.49 <sup>a</sup>	18.49± 0.44 <sup>b</sup>
Water consumption (mL/quail/d)	52.23± 6.96 <sup>c</sup>	62.94±5.33 <sup>b</sup>	68.28± 5.44 <sup>b</sup>	60.27± 4.65 <sup>b</sup>	80.16± 5.33 <sup>a</sup>
Egg production (%)	58.78± 2.72 <sup>a</sup>	59.04±1.79 <sup>a</sup>	59.57± 1.92 <sup>a</sup>	55.76± 4.74 <sup>a</sup>	45.05± 2.07 <sup>b</sup>
Egg mass (g/quail)	524.80±27.32 <sup>a</sup>	531.96±6.31 <sup>a</sup>	521.23±16.42 <sup>a</sup>	511.58±37.49 <sup>a</sup>	409.23±24.42 <sup>b</sup>
Feed conversion	2.41± 0.39	2.21±0.12	2.24± 0.08	2.10± 0.15	2.06± 0.09
IOFC (Rp/egg)	158.31±11.89 <sup>a</sup>	159.41±8.18 <sup>a</sup>	165.96± 7.65 <sup>a</sup>	146.33±22.61 <sup>a</sup>	99.50± 6.97 <sup>b</sup>

Note: T0= Control diet (without piperine), T1= T0 + piperine 15 mg/kg BW, T2= T0 + piperine 30 mg/kg BW, T3= T0 + piperine 45 mg/kg BW, T4= T0 + piperine 60 mg/kg BW. Means in the same row with different superscripts differ significantly (p<0.05).

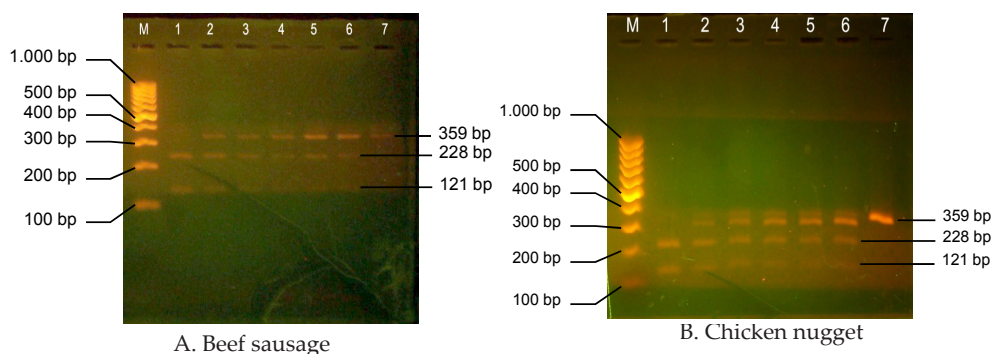


Figure 1. BseDI restriction profile of cytochrome b PCR product amplified from samples. (A) M= 100 bp ladder size standard; 1= pork (100%); 2= (beef 75% : pork 25%); 3= (beef 90% : pork 10%); 4= (beef 95% : pork 5%); 5= (beef 97% pork 3%); 6= (beef 99% : pork 1%); 7= beef 100%. (B) M= 100 bp ladder, 1= pork (100%); 2= (chicken 75% : pork 25%); 3= (chicken 90% : pork 10%); 4= (chicken 95% : pork 5%); 5= (chicken 97% : pork 3%); 6= (chicken 99% : pork 1%); 7= chicken (100%).

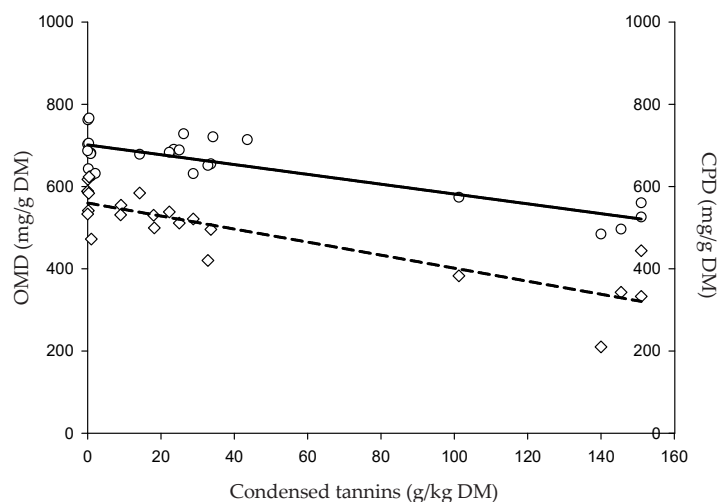


Figure 2. Relationships between dietary condensed tannin concentration and organic matter digestibility (OMD) (-o-, full regression line;  $OMD = 701.2 - 1.19 CT$ ,  $p < 0.001$ ,  $R^2 = 0.701$ ) and crude protein digestibility (CPD) (-◇-, dashed regression line;  $CPD = 559.7 - 1.59 CT$ ,  $p < 0.001$ ,  $R^2 = 0.730$ ) in the *in vivo* studies.

4. Decimal to separate value in tables or texts should be written using dot (.).
5. Writing Heading
  - a. Headings should be written in capital letters, bold, centered, and include:  
 ABSTRACT  
 INTRODUCTION  
 MATERIALS AND METHODS  
 RESULTS  
 DISCUSSION  
 CONCLUSION  
 CONFLICT OF INTEREST  
 ACKNOWLEDGEMENT  
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  - b. Sub-heading, the first letter for each word should be capitalized, centered, and bold.
  - c. Sub-sub-heading, only the first word should be capitalized, written at the beginning of the paragraph, bold, and followed by full stop. The following text should be typed double hit from the sub-sub-heading.

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The suitability of manuscripts for publication in Tropical Animal Science Journal is judged by peer reviewers and editorial board. All the review process are conducted in double-blind review. Chief Editor handles all correspondence with the author and makes the final decision as to whether the paper is recommended for acceptance, rejection, or needs to be returned to the author for revision.

Chief Editor and Section Editors will evaluate the submitted papers on prequalification step for the suitability of further review process. The manuscripts will be evaluated by two or three qualified peer reviewers selected by Chief Editor and Section Editors. The peer reviewers should examine the manuscript and return it with their recommendation to the Chief Editor or Section Editors as soon as possible, usually within 3 weeks. If one of peer reviewers recommends rejection, the Chief Editor will ask a third reviewer or Section Editors to decide the acceptance or rejection of the paper.

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There are four steps of revision process by authors: 1) revision manuscript to accommodate Section Editors suggestions (prequalification step) within 2 weeks; 2) revision manuscript to accommodate peer reviewer suggestions within 2-4 weeks; 3) revision to accommodate Section Editors suggestions within 2-4 weeks (if any); and 4) revision to accommodate editorial meeting suggestions within 1 week (if any). Manuscripts that exceed the revision deadline will be withdrawn. Authors may request for extension to Chief Editor before the revision expires. The time interval from the date the manuscript is submitted to the acceptance for publication varies, depending on the time required for review and revision process.

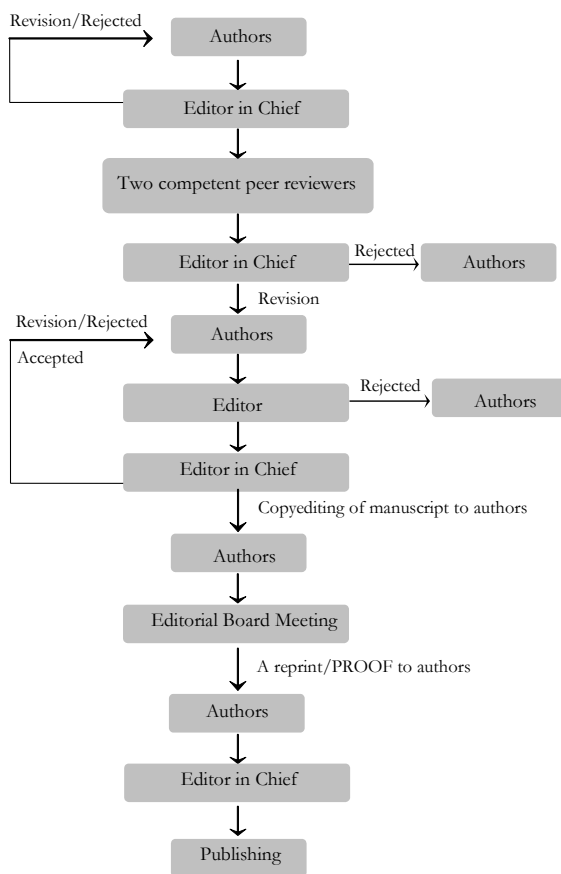
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## POLICY OF ETHICS AND MALPRACTICES

### Tropical Animal Science Journal

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Tropical Animal Science Journal has to ensure that all published works within the journal follow ethical principles on academic publishing. It is therefore essential to set an ethical standard for all stakeholders to create a conducive environment and to avoid problems that may arise due to a certain conflict of interest. This document presents the policy of Tropical Animal Science Journal on the respective publication ethics and malpractice statement as guidance for all stakeholders of the journal.

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FORM A



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