DOMESTIC ANIMAL ENDOCRINOLOGY

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DESCRIPTION

Domestic Animal Endocrinology publishes scientific papers dealing with the study of the endocrine physiology of domestic animal species. Those manuscripts utilizing other species as models for clinical or production problems associated with domestic animals are also welcome.

Topics covered include:

Classical and reproductive endocrinology  Clinical and applied endocrinology  Regulation of hormone secretion  Hormone action  Molecular biology  Cytokines  Growth factors

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GUIDE FOR AUTHORS

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Aims and scope
Domestic Animal Endocrinology publishes scientific papers dealing with fundamental, translational, and clinical aspects of the endocrinology of domestic animal species at all levels of organization (organismal, cellular, and molecular). Those manuscripts utilizing other species as models for clinical or production problems associated with domestic animals will also be considered. Clinical Case Reports will generally not be accepted unless the research report provides significant new information regarding mechanisms responsible for a phenomenon. Topics covered include the regulation of hormone secretion, hormone action, and biochemical endocrinology.

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• Numbers less than 10 are written as a word, unless followed by an abbreviation for unit of measure, e.g. five embryos, 5 min
• Abbreviate units of measure when they follow a quantity: days, d; hours, h; weeks, wk; years, yr; minutes, min; For example, 4 d, 5 h, 6 yr.
• When using a time-descriptive noun as a name (e.g., hour of the experiment or day of the experiment), spell out the noun.

Use the following expressions:
• Estrus is a noun; estrous is an adjective.
• 120 to 125, not 120-125
• treatment by period, not treatment X period
• gravity: 100 X g (in lieu of speed for centrifugation)

Abbreviations
The following abbreviations represent DAE-terms that do not require definition by the author. All units of measure associated with numerical values must be abbreviated according to DAE form as indicated below. All others should be defined in the abstract (if used) and again the first time the term appears in the text. Thereafter, use the abbreviation. Never use an abbreviation to start a sentence (e.g., mRNA should be Messenger ribonucleic acid); otherwise, rephrase the sentence so that it doesn't begin with the word in question.

Units of time
s - second(s)
min - minute(s)
h - hour(s)
d - day(s)
wk - week(s)
mo - month(s)
yr - year(s)
Units of volume
µL - microliter
mL - milliliter
L - liter
dL - deciliter

Other physical units
Bq - becquerel
°C - degree Celsius
Cal - calorie
Ci - curie
cM - centimorgan (spell out morgan if used without a prefix)
Da - dalton
Eq - equivalent
g - gram
ha - hectare
Hz - hertz
IU - international unit
J - joule
lx - lux
m - meter
M - molar (concentration; preferred over mol/L)
mol - mole
N - normal (concentration)
Pa - pascal
t - metric ton (1,000 kg)
V - volt
W - watt

Statistical symbols and abbreviations
P- as in P < 0.05
ANOVA - analysis of variance
CV - coefficient of variation
df - degree(s) of freedom
F - F-distribution (variance ratio)
LSD - least significant difference
n - sample size (used parenthetically or in footnotes)
P - probability
r - simple correlation coefficient
r2 - simple coefficient of determination
R - multiple correlation coefficient
R2 - multiple coefficient of determination
s2 - variance (sample)
SD - standard deviation (sample)
SE - standard error
SED - standard error of the differences of means
SEM - standard error of the mean

Other acronyms/abbreviations
ACTH - adrenocorticotropic hormone
ADG - average daily gain
ADP - adenosine diphosphate
AI - artificial insemination
ATP - adenosine triphosphate
avg - average (use only in tables, not in the text)
BCS - body condition score
bp - base pair
BSA - bovine serum albumin
BW - body weight
cDNA - complementary deoxyribonucleic acid
C/EBP - CAAT-enhancer binding protein
cfu - colony-forming unit
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The following list will be useful during the final checking of an article prior to sending it to the journal for review. Please consult this Guide for Authors for further details of any item.

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