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General

The *Journal of Dairy Research* publishes original scientific research on all aspects of the biology, wellbeing and technology of lactating animals and the foods they produce. Research Papers report innovative, hypothesis-driven research that is likely to have international impact. Research Communications are shorter and intended primarily for descriptive research and research of regional or technical impact. The Journal also publishes additional categories of Research Reviews and Research Reflections, which may be short review articles, opinion papers or hypothesis-based data-less papers. It also publishes Letters to the Editor, Book Reviews and Editorials. Research Reviews and Editorials are usually by invitation only. These Instructions for Contributors give the important information that applies to all submissions. Further information specific to the additional categories of article is provided in the Annex. Material for publication should be submitted using the online submission system at www.journalofdairyresearch.org where you will also find further details of the *Journal's* scope, advice on preparing your manuscript and access to track your manuscript through Peer Review. If you have been directed to a dedicated submission portal (for a Special Issue, for instance) that is the one to use. Submission of a manuscript will be taken to imply that it reports original unpublished work that it is not under consideration elsewhere and that if accepted by the *Journal* it will not be published elsewhere in any language without the consent of the Editors. You will be asked to confirm that you accept these conditions. Your manuscript will be peer reviewed. If it is accepted for publication you will be asked to assign the copyright, under certain conditions, to the *Journal* to help protect your material. Although it is not a formal requirement, authors of submitted manuscripts are strongly encouraged to participate in the Peer Reviewing of other submissions.

Submission of manuscripts

Submission is online via www.journalofdairyresearch.org. You should first consult the online guidance and these Instructions for Contributors to ensure that your manuscript is prepared in accordance with the *Journal's* requirements. You must submit the manuscript as a single Word document that incorporates all the tables and figures that are essential to the understanding of the research and its conclusions. If we subsequently require higher quality original files of figures or images we will ask you for them. When you submit the manuscript you take responsibility for all subsequent correspondence relating to the manuscript and, if deemed acceptable, the published paper, and the manuscript must identify you as Corresponding Author. You will also normally be required to submit a Supplementary File that provides the methodological detail required for repetition as well as data and other information that corroborate the conclusions without being essential to them.

Journal Scope

The *Journal's* ability to cover the entire dairy foods chain is a major strength. The remit spans from animal nutritional aspects of feed input through the biology of lactating animals and the mammary gland to milk quality, technological aspects of processed dairy products and healthy nutrition for the consumer. The focus is on dairy species, but we also welcome comparative research related to human lactation and lactation in non-dairy animal species. The *Journal* does not categorize published articles by topic. Each issue will follow the dairy foods chain, starting with feeding-related research and ending with consumer-related.

Types of manuscript and general considerations

In the original research category the *Journal* publishes submitted Research Papers and Research Communications. Research Papers report innovative hypothesis-driven research of international impact and will not normally be appropriate for research that is purely descriptive. Research Communications are shorter. In addition to international impact research, Research Communications can also report descriptive studies of regional or technical interest. Within the *Journal* there is no categorization of original research by article type, which must be briefly stated in the first line of the Abstract. Page limits apply to all types of manuscript. These are reported as Text Equivalents (TEQ) where one word is one TEQ and each figure or table is 250 TEQ. Research Papers should be no longer than around 6000 TEQ and should include only figures, tables and reference citations that are essential to the understanding of the research objectives. Research Communications should be no longer than around 2500 TEQ and should include only one or two tables or figures and a maximum of around 10 citations. Manuscripts that exceed these recommendations will be returned for revision. The *Journal* places great emphasis on conciseness, and strongly encourages the use of a Supplementary File to ensure that the article is focused and succinct. Authors who choose not to include a Supplementary File will be asked to justify that decision.

Reviews and Editorials

These are invited, and separate guidance will be provided with the invitation. The Editors are always interested to receive suggestions for topics, with or without possible authors.

Other Materials

Separate information is provided in an Annex for submission of Research Reviews, Research Reflections (mini-reviews, opinion papers, hypothesis-only papers), Letters to the Editor, Book Reviews and Editorials.

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 - **Keywords**: up to 5 keywords must be supplied
 - **Introduction** should not have a heading. It should not contain a full review of the literature, but should help the non-specialist to understand why the subject of enquiry is interesting or important, why the authors have chosen the approach described and what the likely impact of the research will be. The objectives must be clearly stated, preferably in the form of a hypothesis.
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 - **Acknowledgements** of financial support, technical assistance and so on are given in a separate paragraph. It is the responsibility of the authors to ensure that individuals or organizations acknowledged as providing materials or otherwise are willing to be identified.
 - **References** must be consistent and must use the style described below.
 - **Tables** and table legends, following the style described below.
 - **Figure legends** sufficient to allow the figure to be understood without reference to the text
 - **Figures** should be produced using an editable software and copied into the Word document.
- Please remember that the complete manuscript should be submitted as a single document.

Layout of submitted Research Communication manuscripts

In general, follow the same format and layout as for a Research Paper. The introduction will typically be shorter and the results and discussion may be combined into one section. The number of citations will be less, and presentation of data should be restricted to one or two figures and tables. Use of

a Supplementary File for the presentation of supporting data is normally a requirement. The Abstract should start with a sentence clearly identifying the article type and presenting the objectives (eg *This Research Communication describes...*)

References

Refer to a recent issue and ensure that your reference citations comply with *Journal* style. References should be given in the text as Brown & Jones (1987) or (Schmidt, 1985; Nakamura *et al.* 1989); the first author with *et al.* is used for papers with three or more authors. Where necessary, papers are distinguished as Lenoir (1988a), (Litov *et al.* 1990a, b). When several references appear together in the text, cite them in chronological order, and alphabetically within years. The Reference list at the end of the paper, which should begin on a fresh page, is given in strict alphabetical order and uses the minimum of punctuation. Each reference should contain authors' names, with initials (in capitals), the year, the title of the paper, the name of the journal in full, the volume and the page range. Titles of articles originally published in another language should be given in English translation, and this indicated by the use of square brackets. References to books should include the town of publication and the publisher, with editor(s) and volume and edition number where appropriate. Unpublished work should be given in the text (use authors' initials and surname) and not in the Reference list. You are reminded that it is your responsibility to check all references.

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The recommendations of the International Union of Biochemistry (*Enzyme Nomenclature*, 1984, London: Academic Press) should be followed, and the EC number given where known.

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Authors should consult a current issue for guidance. Useful information on biochemical nomenclature and permitted acronyms can be found in *Biochemical Journal* 169, 11-14 and on nutrient nomenclature in the *British Journal of Nutrition*. If authors use other abbreviations or acronyms, they should be defined at first mention, and their number restricted to ensure that the text is readable. Always use Arabic numerals with units; otherwise use words for 1-10 and figures for more than 10, (e.g. 3 weeks, three cows, 34 sheep) but avoid mixed lists. Time should be given by the 24 h clock, e.g. 14.15, without h or hours.

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Journal of Dairy Research

EDITORIAL

- **Editorial: Strategizing food: stick, carrot but not nearly enough dairy?**
CH Knight 245

RESEARCH ARTICLES

- **AGPAT3 Gene polymorphisms are associated with milk production traits in Chinese Holstein cows**
X Sun, Y Liang, Q Gao, J Guo, C Tang, K Shi, Z Yang and Y Mao 247
- **Comparison of metabolic, oxidative and inflammatory status of Simmental x Holstein crossbred with parental breeds during the peripartal and early lactation periods**
G De Matteis, MC Scatà, G Catillo, F Grandoni, E Rossi, DM Zilio, A Crisà, V Lopreaiato, E Trevisi and VL Barile 253
- **Untargeted lipidomics of ovine milk to analyse the influence of different diet regimens**
C Manis, M Addis, M Sitzia, P Scano, V Garau, A Cabiddu, M Caredda, A Pirisi, A Pulina, P Roggero and P Caboni 261
- **Determination of factors affecting milk yield, composition and udder morphometry of Hair and cross-bred dairy goats in a semi-intensive system**
H Erduran and B Dag 265
- **Motivations and attitudes of Brazilian dairy farmers regarding the use of automated behaviour recording and analysis systems**
AC Vieira, V Fischer, MEA Canozzi, LS Garcia and JT Morales-Piñeyrúa 270
- **Classification of environmental factors potentially motivating for dairy cows to access shade**
M Deniz, KT de Sousa, IC Gomes, MM do Vale and JR Dittrich 274
- **Oxytocin and cortisol release during suckling, hand-milking and machine milking in camels**
M Brahmi, M Atigui, I Hammad, J Portanguen, M Hammadi and P-G Marnet 278
- **Going further post-RNA-seq: *In silico* functional analyses revealing candidate genes and regulatory elements related to mastitis in dairy cattle**
H Passe Pereira, L Lima Verardo, M Morena Del Cambre Amaral Weller, A Paula Sbardella, D Prado Munari, R Morais de Paiva Daibert, W Araújo Carvalho, M Antonio Machado and M Fonseca Martins 286
- **Intracellular *Staphylococcus aureus* inhibits autophagy of bovine mammary epithelial cells through activating p38 α**
R Wang, W Zhang, L Wang, N Geng, X Wang, M Zhang, J Liu, Y Liu and B Han 293

- **Identification of bovine mastitis pathogens using MALDI-TOF mass spectrometry in Brazil**
TCdeA Oliveira, MAVP Brito, M Giambiagi-de Marval, NM Vicentini and CC Lange 302
- **Extensive countrywide field investigation of somatic cell counts and total bacterial counts in bulk tank raw milk in goat herds in Greece**
DT Lianou, CK Michael, NGC Vasileiou, E Petinaki, PJ Cripps, K Tsilipounidaki, AI Katsafadou, AP Politis, NG Kordalis, KS Ioannidi, DA Gougoulis, C Trikalinou, DC Orfanou, IA Fragkou, DV Liagka, A Tzora, M Albenzio, VS Mavrogianni, MC Caroprese and GC Fthenakis 307
- **Occurrence and aetiology of subclinical mastitis in water buffalo in Bangladesh**
S Singha, CD Ericsson, S Chowdhury, SC Nath, OB Paul, MdA Hoque, S Boqvist, Y Persson and MdM Rahman 314
- **Variations in the levels of acute-phase proteins and lactoferrin in serum and milk during bovine subclinical mastitis**
A Raj, V Kulangara, TP Vareed, DP Melepat, L Chattothayil and S Chullipparambil 321
- **Milk metabolites, proteins and oxidative stress markers in dairy cows suffering from *Staphylococcus aureus* subclinical mastitis with or without spontaneous cure**
N Tabatabaee, M Heidarpour and B Khoramian 326
- **The relationship of bovine milk somatic cell count to neutrophil level in samples of cow's milk assessed by an automatic cell counter**
Z Chengolova, Y Ivanov and G Grigorova 330
- **Neutrophil and CD4⁺ milk cell count related to natural incidence of mastitis in Jersey cattle**
Z Chengolova, M Atanasova and T Godjevargova 334
- **Risk factors for poor colostrum quality and failure of passive transfer in Scottish dairy calves**
A Haggerty, C Mason, K Ellis and K Denholm 337
- **Physical properties of UHT light cream: impact of the high-pressure homogenization and addition of hydrocolloids**
V Nardy Paiva, L de Souza Soares, R Stephani, AA Pereira Silva, A Fernandes de Carvalho, I Rodrigues Toledo Renhe and Í Tuler Perrone 343
- **Effects of microbial transglutaminase levels on donkey cheese production**
AG D'Alessandro, G Martemucci and M Faccia 351

INVITED REVIEW

- **Fermented foods and probiotics: An approach to lactose intolerance**
SA Ibrahim, R Gyawali, SS Awaisheh, RD Ayivi, RC Silva, K Subedi, SO Aljaloud, SA Siddiqui and A Krastanov 357

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