Journal of **Dairy Research**

EDITORIAL

- The *Journal of Dairy Research*: an international journal approaching its centenary
  N N. Jonsson 125

REVIEW ARTICLE

- Blockchain and its future in the supply and value chains of the dairy industry
  E Vargas-Bello-Pérez, O R Espinoza Sandoval, S Rodríguez-Piñeros and N Ghavipanje 127

RESEARCH ARTICLES

- Addressing wastewater challenges in the dairy industry: a focused case study
  B R. Cvetković, N Memišin, Z Nježić, L Pezo, G Juodeikiene, J Vitas and N Ilić 135
- *Model fodder villages* and its impact on livelihood security of dairy farmers: empirical evidences from Bundelkhand region of Madhya Pradesh, Central India
  B B Choudhary, P Sharma and G Gupta 146
- Genetic and phenotypic analysis of milk yield and composition in Murciano-Granadina goats
  M Mokhtari, M Asadi Fozi, Z Roudbari, A Barazandeh, M M Salari, E Mohebbinejad and A Esmailizadeh 153
- Early pregnancy detection in buffaloes targeting interferon-stimulated genes in duplex RT-qPCR
  P Sharma, N S Ratta, S Choudhary, Y S Malik and R K Choudhary 159
- Deep learning assisted muzzle-based identification of *Vrindavani* cattle – A crossbred of India
  S Bara, A Das, M Singh, H O Pandey, G K Gaur, A K Pandey, S Narwal and A Tarafdar 167
- Metabolic disorders are genetically correlated with the production and reproductive performance of dairy cows: a meta-analysis
  R Hassani and N Ghavi Hossein-Zadeh 174
- Fit-for-purpose validation of hair cortisol concentration as a biomarker of dairy cow welfare
  M Botia, M D Contreras-Aguilar, J J Ceron, P Llonch, G V Berteselli, E Canali, L Frondelius and A Stygar 185
- Investigation of quarter-selective dry cow therapy based on bacteriological outcomes on dairy farms
  A Beckmann, K Barth and K Knappstein 194

RESEARCH COMMUNICATION

- Comparison of two sampling approaches to determine the prevalence of mastitis pathogens in dairy herds
  A Beckmann, K Barth and K Knappstein 201

RESEARCH ARTICLES

- Occurrence of mastitis pathogens and their antibiotic resistance in dairy cows in Slovakia
  K Tvarožková, B Gancárová, L Černek and V Tančin 204
- Physicochemical composition, sensory attributes, and economic analysis of Minas Frescal cheese from grazing dairy cows supplemented with different levels of cassavaroot silage
  C S Caldas, J A C Vargas, R Mezzomo, L T O Galvão, L R S Oliveira, P M dos Santos, R P Maciel, F L da Silva, E V d S de Sousa, A G Bonfim, A P Faciola and K S Alves 208
- Use of a pitanga bagasse (*Eugenia uniflora* L.) as a new ingredient to improve Petit Suisse's techno-functional properties
  J C R Ribas, B R Saraiva, G C D S Nunes, M L Bruschi and P T M Pintro 219

RESEARCH COMMUNICATION

- Effect of the demineralization process on the physicochemical and biochemical properties of camel and bovine cheese-wheys
  R Lajnaf, H Attia and M A Ayadi 229

RESEARCH ARTICLES

- Effect of fat content, heat treatment, and vitamin D addition on physicochemical characteristics of yoghurt
  Ö F Çelik and B Karakus 234
- Impact of fabricated clove and ginger oil nano-emulsions on the survival of *Staphylococcus aureus* and *Aspergillus flavus* in labneh: A fermented model
  W G. Nadi, L I Ahmed, A A N Awad, M A. Shemis and E M. Taher 241

REVIEW ARTICLE

- Exploring Turkish yoghurts: a comprehensive study on product characteristics
  Ç Özbek and M K Esen 250

RESEARCH ARTICLE

- Synbiotic beverage from browntop millet *(Urochloa ramosa)* supplemented with skim milk powder: process optimization and characterization
  S Saini, S Sasmal and S Ganguly 263

RESEARCH COMMUNICATION

- Perfluorinated compounds in milk in Shanxi Province, China: A three-year consecutive study
  D X Dang, S Q Xu and H Wang 276

RESEARCH ARTICLES

- Gamma-oryzanol as a natural antioxidant to enhance the autoxidative and thermal stability of clarified butterfat (ghee)
  M P Rahila, B Surendra Nath, N Laxmana, D Shinde and H A. Pushpadass 280
- Enhanced milk preservation during long-distance transportation: a numerical study of immersed evaporator system
  S Khaldi and O Bendermel 288
- Knowledge, attitudes, and perceptions toward dairy fat and consumption of dairy fat in Mexico, Chile, and Argentina
  E Vargas-Bello-Pérez, P Toro-Mujica, A Chávez Martínez, K Tajonar, A Ainslie, J P Keim, J Baudracco and N Ghavipanje 297

Content alerts
Register online to receive free content alerts
cambridge.org/dar-alerts

MIX
Paper | Supporting responsible forestry
FSC™ C013604
www.fsc.org

CAMBRIDGE UNIVERSITY PRESS

https://doi.org/10.1017/S0022029925101799 Published online by Cambridge University Press