Innovative Technologies for the Feeding of Dairy Cattle to Ensure Animal Welfare and Production Quality—INNOVALAT

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Deadline for manuscript submissions:
closed (15 November 2021)

Message from the Guest Editors

Dear Colleagues,

In order to express dairy cattle's potential in the best possible way, cows with a high productive aptitude must be efficiently fed. In order to manifest itself, the productive aptitude must be adequately supported by correct feeding (quantity and quality) and above all by correct feeding management. Correct nutrition management is of extreme importance not only for the best expression of genetic potential, but also to safeguard animal health and welfare and finally to avoid waste, since feeding contributes on the order of 50–60% of the cost of milk production. Precision feeding (PF) is developing very successfully in the field of precision animal husbandry.

Topics

  Non-destructive measurements of quality milk and feed total mixed ratio;
  IoT and machine learning for agro-zootechnical sectors;
  Welfare of dairy cattle;
  Qualitative characteristics of the milk in relation to the needs deriving from the technological transformation;
  Precision feeding systems;
  Precision farming;
  Safety and health in agro-zootechnical sectors.

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Message from the Editor-in-Chief

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