Special Issue

Fatty Liver in Domestic Animals

Message from the Guest Editor

Metabolic fatty liver (FL) develops in a variety of species, including birds, ruminants, and cats, due to either an energy excess or deficit. In all species, it is associated with metabolic derangements and decreased health status. In domestic ruminants, FL is strongly associated with poor reproductive performance and milk yield and may lead to death in severe cases. Therefore, apart from the significant biomedical interest in elucidating the etiology and the pathogenesis of FL, the identification of predisposing factors and biomarkers for the early detection FL in domestic animals may offer a practical means for disease management. The purpose of this call is to assemble physiological and molecular level studies related to the induction, characterization, and management of FL in domestic animals. Our aim is to gather a comprehensive body of multidisciplinary studies on liver steatosis in various species to enable the synergistic exchange of valuable information to advance the prevention, management, and therapeutic approaches for this prominent metabolic disorder.

Guest Editor

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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