

## Special Issue

# Behavioral and Environmental Factors in Obesity Development in Pets

### Message from the Guest Editor

Obesity is the main nutritional issue found in pets and is attributable to disrupted intake of nutrients or energy expenditure, as well as internal imbalances between the two processes. Nutritional balance is influenced by the hypothalamus, neurotransmitters, vagal activity, and sympathetic nervous activity. Direct complications of obesity, associated with hyperinsulinemia and insulin resistance, include diabetes mellitus and hypertension. Indirect complications of the disorder include effects on the cardiovascular, respiratory, skeletal, immune, integumentary, and gastrointestinal systems. Long-term treatment of obesity can be successful by implementing a changed diet and introducing exercise among the animal's daily activities. This Special Issue, titled "*Behavioral and Environmental Factors in Obesity Development in Pets*", addresses the need to increase knowledge of the relationship between obesity in pets and the environmental and behavioral factors that influence its onset. In both humans and pets, behavior modification is an important part of the long-term treatment and control of obesity.

### Guest Editor

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### Deadline for manuscript submissions

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## Veterinary Sciences

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### Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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