

## Special Issue

# Equine Exercise Physiology and Feeding Management: How to Keep Energy Balance

### Message from the Guest Editors

Horses are elite athletes with significant oxygen and nutritional demands to support their metabolic needs. Thus, maximum performance depends on the integrated and coordinated functioning of a set of body systems, and in most cases, peak performance requires these body systems to operate at or near their maximum capacity. Thorough knowledge of acute and chronic adaptations to exercise is essential to hone the athletes' capacity and to minimize nefarious impacts on equine welfare. Furthermore, nutritional needs must be met in order to ensure energy, muscle gain and recovery, whilst preventing fatigue and reducing the side effects of exercise-induced inflammation. In order to improve athletic performance whilst ensuring welfare and an individualized medical care, further high-quality research on exercise physiology and nutrition, across all breeds and equestrian disciplines, is of utmost importance. As such, we would like to invite you to share your recent findings in the Special Issue "Equine Exercise Physiology and Feeding Management: How to Maintain Energy Balance".

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### Guest Editors

Prof. Dr. Clarisse Simões Coelho

Prof. Dr. Hélio Cordeiro Manso Filho

Dr. Joana de Sousa Azevedo Simões

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### Deadline for manuscript submissions

closed (30 April 2025)



## Animals

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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