

## Special Issue

# Feeding Strategies to Optimize Growth and Reduce Waste in Pigs

### Message from the Guest Editors

Sustainable pig production faces the dual challenge of maximizing growth performance while minimizing nutrient losses and environmental impact. Conventional feeding approaches often lead to inefficiencies, such as over-supplementation of protein, resulting in greenhouse gas emissions.

To address these issues, novel feeding strategies that combine precision nutrition, feed additives, alternative protein and energy sources, and improved management practices are being developed. Recent advances in precision feeding technologies allow for individualized nutrient supply according to growth stage and health status, reducing waste without compromising performance. Moreover, the incorporation of functional ingredients and bioactive substances can enhance gut health and improve nutrient utilization. Meanwhile, the exploration of local, sustainable feedstuffs and circular economy concepts provide opportunities to reduce reliance on conventional raw materials.

This Special Issue aims to highlight current research, innovations, and practical applications in swine nutrition aimed at optimizing growth, improving feed efficiency, and mitigating the environmental impact of pig production.

### Guest Editors

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### Deadline for manuscript submissions

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## Animals

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### Message from the Editor-in-Chief

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