



Novel Technology in Poultry Production and Nutrition: Role in Disease Prevention, Performance and Welfare Improvement and Sustainability

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Message from the Guest Editors

Rapid global population growth and rising incomes in developing countries have led to increased demand for protein, which is one of the most expensive and limiting feed ingredients. The poultry industry can play a key role in alleviating poverty as well as food scarcity. The poultry industry faces an ongoing challenge to apply novel technologies and develop management strategies to optimize chicken performance while minimizing food safety concerns. Considering the shift away from the use of antibiotics in poultry feed and the impact of zoonotic agents on poultry, public and environmental health, a “One Health” approach should be adopted. All these technologies in poultry production and nutrition bring new challenges and demand a holistic approach through novel feed strategies in order to minimize the impact on poultry health and welfare as well as to guarantee food safety and security for a growing human population. The purpose of this Special Issue is to provide current knowledge on novel technology in poultry production and nutrition with the potential for disease prevention, performance and welfare improvement.





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Message from the Editor-in-Chief

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