



## Genetics and Genomics of Small Ruminants Prolificacy

Guest Editor:

**Dr. Gabriel Anaya Calvo-Rubio**

MERAGEM Group, Department of  
Genetics, University of Córdoba,  
14071 Córdoba, Spain

Deadline for manuscript  
submissions:

**15 July 2024**

### Message from the Guest Editor

Dear Colleagues,

Prolificacy in ruminants is an important trait in both meat and wool production. In meat production systems, multiple gestations are required, while an excess of prolificacy limits wool production due to the high expenditure of maternal resources on breeding rather than on fiber generation. Since genetics have a fundamental impact on prolificacy, knowledge of the genetic predisposition of herds regarding the size of the offspring could help in achieving the production objective: the management and feeding of the animals. Genetic and genomic methodologies allow the detection of new variants related to prolificacy that could be used as a criterion for selection in small ruminants.

The aim of this Special Issue is to present original papers and/or reviews on the genetics and genomics of small ruminant prolificacy focused on the search for genes that could be used as selection tools or focused on the improvement of prolificacy using classical selection with the use of new genetic evaluation methodologies. Other topics regarding the economic, health or production impacts of prolificacy will also be considered.

Dr. Gabriel Anaya Calvo-Rubio

*Guest Editor*





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*Animals* Editorial Office  
MDPI, St. Alban-Anlage 66  
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