



Advances in Animal Fertility Preservation

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Message from the Guest Editor

The preservation and sustainable management of animal genetic resources is critical for the global maintenance of biodiversity, food security, and population livelihoods. A concerted effort, including the establishment of international and national goals and strategies allied to local interventions, is urgently needed for the conservation of animal genetic diversity. Currently, most of the indicators of the state of biodiversity are in decline. On the contrary, the extinction of species and breeds, including domestic animals, continues to increase. Germplasm preservation and assisted reproductive technologies are currently envisaged as critical tools for the conservation and management of animal genetic resources and for fertility preservation. However, germplasm quality is one of the key limiting factors in both male and female fertility. This Special Issue presents an excellent opportunity to show novel strategies, therapies, and lines of research in progress that have revealed different possibilities in the conservation of animal genetic resources, the preservation of germplasm, and the improvement in the quality and developmental competence of gametes and embryos.





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Message from the Editor-in-Chief

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