



Sperm Quality Assessment in Equids

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Message from the Guest Editors

Dear Colleagues,

Semen evaluation is a routine procedure in the breeding soundness examination of stallions and is essential for the application and optimisation of assisted reproductive technologies. In addition to kinetic parameters, assessment of spermatozoa membrane status, DNA fragmentation, oxidative stress, capacitation-like status and seminal plasma components can accurately define sperm quality. However, despite considerable progress in assessing equine sperm functionality, identification of a sub-fertile stallion can still be challenging, and evaluation usually only provides an estimate of a stallion's fertilization capacity. More advanced methods in sperm analysis in equids are needed to assess sperm quality and its effect on fertility outcomes.





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Message from the Editor-in-Chief

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