



Challenges in Equine (Assisted) Reproduction

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Most definitely, the horse is one of the most intriguing species when it comes to reproduction. Equine reproduction is characterized by several unique features, like the resistance to superovulation, the challenge to obtain sperm capacitation and fertilization *in vitro*, the selective transport of embryos through the oviduct, the formation of a glycoprotein capsule and endometrial cups, ... As such, research in this field is challenging, but interesting, and it provides the basis for improved knowledge and clinical applications. This has resulted in a recent worldwide increase in the application of assisted reproductive technologies in the horse.

For this special issue, we invite original research papers that address these challenges in equine reproduction, leading to fundamental insights into equine reproduction and pregnancy and/or aiming at clinical application.

Dr. Katrien Smits

Guest Editor





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Message from the Editor-in-Chief

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