



Equine Fertility: Embryo-Maternal Communication and Embryo Loss in the Mare

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Deadline for manuscript
submissions:

closed (25 July 2023)

Message from the Guest Editor

The embryo-maternal communication in the mare plays an essential role in the overall equine fertility. Historically, research has focused on embryo loss after pregnancy diagnosis (i.e., >14 days post-ovulation). Although this has a significant impact on the overall reproductive efficiency of the mare, more embryos are likely to be lost before this time. Understanding the relevance of endometrial and embryo factors involved in these losses is paramount to create strategies to improve the efficiency of mare reproduction, both natural and by assisted reproductive techniques.

This Special Issue aims to increase the knowledge on the area of embryo-maternal communication in the mare. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: 1) embryo loss, 2) maternal recognition of pregnancy, 3) endometrial receptivity (key genes and proteins involved in embryo development and survival) at early stages of pregnancy (<14 days of pregnancy), 4) embryo-recipient synchrony for in vitro produced and in vivo derived embryos, 5) effect of progesterone and estrogens on endometrial receptivity.





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Message from the Editor-in-Chief

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