Supplementary Material

Equine early pregnancy endocrine profiles and ipsilateral endometrial immune cell, gene expression and protein localisation response

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**Fig S1.** Homemade catheter.

**Fig. S2.** Microphotographs of immunohistochemical localisation …

**Fig. S3.** Microphotographs of immunohistochemical localisation for oxytocin receptor in representative endometrial cross sections of the ipsilateral horn …
**Fig S1.** Homemade catheter. (A) Silicone tube 1.5 cm inner diameter and 100 cm large. (B) Outer silicone tube of 0.8 cm inner diameter and 110 cm large. (C) A piece of sterile chirurgic glove, attached with fishing line, as inflatable balloon. (D) Sphygmomanometer bulb.
Fig. S2. Microphotographs of immunohistochemical localisation of (A), representative endometrial cross sections of the ipsilateral horn for oestrogen receptor α at day 7 post ovulation of the cyclic and (B) the pregnant group. (D), representative endometrial cross sections of the ipsilateral horn of the pregnant group for progesterone receptor at day 7 and (E) at day 13 post ovulation. (G), representative endometrial cross sections of the ipsilateral horn for prostaglandin-endoperoxide synthase 2 at day 10 post ovulation of the cyclic and (H) pregnant group; (C, F, I), negative controls. 

Original magnification x 1000.
Fig. S3. Microphotographs of immunohistochemical localisation for oxytocin receptor in representative endometrial cross sections of the ipsilateral horn at day 7 (A) and day 10 (B) post ovulation of the pregnant group. Original magnification x 40. Scale bars= 100 μm.