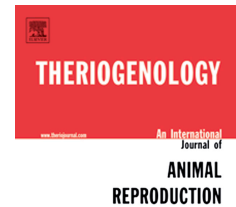


# Accepted Manuscript



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Susceptible To Endometritis

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PII: S0093-691X(15)00203-4

DOI: [10.1016/j.theriogenology.2015.04.019](https://doi.org/10.1016/j.theriogenology.2015.04.019)

Reference: THE 13170

To appear in: *Theriogenology*

Received Date: 22 January 2015

Revised Date: 7 April 2015

Accepted Date: 22 April 2015

Please cite this article as: Arlas TR, Wolf CA, Petrucci BPL, Estanislau JF, Gregory RM, Jobim MIM, Mattos RC, Proteomics Of Endometrial Fluid After Dexamethasone Treatment In Mares Susceptible To Endometritis, *Theriogenology* (2015), doi: 10.1016/j.theriogenology.2015.04.019.

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**PROTEOMICS OF ENDOMETRIAL FLUID AFTER DEXAMETHASONE  
TREATMENT IN MARES SUSCEPTIBLE TO ENDOMETRITIS**

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**Abstract**

Corticotherapy is a common treatment in mares susceptible to endometritis. Isufupredone improves pregnancy rates and affects the protein profile of endometrial fluid in comparison to untreated mares. Dexamethasone decreases post breeding fluid accumulation and uterine edema; however, its effects on the protein profile of the endometrial fluid have not yet been studied. The aim of the present study was to verify the effect of dexamethasone on the protein profile of endometrial fluid - in the presence or absence of infection - from mares susceptible to persistent post-breeding endometritis. Nine susceptible mares aged between 7-18 years old were used. After checking for signs of estrus, mares were subjected to four treatments: C - mares received no treatment and served as control; D - mares received 40 mg dexamethasone at breeding, with collection of samples after 6 hours; I-6 and I-24 - intrauterine infusion of  $1 \times 10^9$  *S. zooepidemicus*/ml and samples collected after 6 and 24 hours; I/D-6 and

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