

## Anna Szóstek

### Lista publikacji

- październik 2014

1. Rebordão M., Galvão A., Szóstek A., Amaral A., Mateus L., Skarzynski D.J., Ferreira-Dias G., 2014, ***Physiopathologic mechanisms involved in mare endometrosis***, *Reproduction in Domestic Animals* 49:82-87.
2. Szóstek A.Z., Galvão A.M., Takuo H., Okuda K., Skarzynski D.J., 2014, ***Interleukins affect equine endometrial cell function: modulatory action of ovarian steroids***. *Mediators of inflammation* 2014:208103.
3. Szóstek A.Z., Adamowski M., Galvão A.M., Ferreira-Dias G.M. & Skarzynski D.J., 2014, ***Ovarian steroid-dependent tumor necrosis factor- $\alpha$  production and its action on the equine endometrium in vitro***, *Cytokine* 67(2):85-91.
4. Szóstek A.Z., Galvão A.M., Ferreira-Dias G.M., Skarzynski D.J., 2014, ***Ovarian steroids affect prostaglandin production in equine endometrial cells in vitro***, *Journal of Endocrinology* 220:3; 267-276.
5. Galvão A., Tramontano A., Rebordão M.R., Amaral A., Bravo P.P., Szóstek A., Skarzynski D., Mollo A., Ferreira-Dias G., 2014, ***Opposing roles of leptin and ghrelin in the equine corpus luteum regulation: an in vitro study***, *Mediators of inflammation* 2014:682193.
6. Rebordão M.R., Pereira C., Galvão A., Bravo P.P., Szóstek A., Skarzynski D.J., Ferreira-Dias G., 2014, ***What is new on the physiopathology of endometrosis in the mare?*** *Pferdeheilkunde* 30:15-18.
7. Mannelli C., Ietta F., Carotenuto C., Romagnoli R., Szostek A.Z., Wasniewski T., Skarzynski D.J., Paulesu L., 2014, ***Bisphenol A alters  $\beta$ -hCG and MIF release by human placenta: an in vitro study to understand the role of endometrial cells***, *Mediators of inflammation* 2014:635364.
8. Kozai K., Hojo T., Tokuyama S., Szóstek A.Z., Takahashi M., Sakatani M., Nambo Y., Skarzynski D.J., Okuda K., 2014, ***Expression of Aldo-keto Reductase 1C23 in the Equine Corpus Luteum in Different Luteal Phases***, *Journal of Reproduction and Development* 60(2):150-4.
9. Jursza E., Szóstek A.Z., Kowalewski M.P., Boos A., Okuda K., Siemieniuch M.J., ***LPS-challenged TNF $\alpha$  production, prostaglandin secretion, and TNF $\alpha$ /TNFRs expression in the endometrium of domestic cats in estrus or diestrus, and in cats with pyometra or receiving medroxyprogesterone acetate***, *Mediators of Inflammation* 2014:689280.
10. Siemieniuch M.J., Jursza E., Szóstek A.Z., Zschockelt L., Boos A., Kowalewski M.P., ***Placental origin of prostaglandin F2 $\alpha$  in the domestic cat***. *Mediators of Inflammation* 2014:364787.

11. Ferreira-Dias G., Botelho M., Zagrajczuk A., Rebordão M.R., Galvão A.M., Bravo P.P., Piotrowska-Tomala K., Szóstek A.Z., Wiczkowski W., Piskula M., Fradinho M.J., Skarzynski D.J., 2013, *Coumestrol and its metabolite in mares' plasma after ingestion of phytoestrogen-rich plants: potent endocrine disruptors inducing infertility*, *Theriogenology* 80:684-92.
12. Galvão A.M., Valente L., Skarzynski D.J., Szóstek A.Z., Piotrowska-Tomala K.K., Rebordão M.R., Mateus L., Ferreira-Dias G., 2013, *Effect of cytokines and ovarian steroids on equine endometrium function: an in vitro study*, *Reproduction Fertility and Development* 25:985-97.
13. Szóstek A.Z., Lukasik K., Galvão A.M., Ferreira-Dias G.M., Skarzynski D.J., 2013, *Impairment of the interleukin system in equine endometrium during the course of endometrosis*, *Biology of Reproduction* 89:1-13
14. Galvão A.M., Szóstek A.Z., Skarzynski D.J., Ferreira-Dias G.M., 2013, *Role of tumor necrosis factor- $\alpha$ , interferon- $\gamma$  and Fas-ligand on in vitro nitric oxide activity in the corpus luteum*, *Cytokine* 64:18-21.
15. Szóstek AZ, Siemieniuch MJ, Lukasik K, Galvão AM, Ferreira-Dias GM, Skarzynski DJ., 2012, *mRNA transcription of prostaglandin synthases and their products in the equine endometrium in the course of fibrosis*, *Theriogenology* 78:768-76.
16. Galvão A., Rebordão M.R., Szóstek A.Z., Skarzynski D.J., Ferreira-Dias G., 2012, *Cytokines and neutrophil extracellular traps in the equine endometrium: friends or foes?*, *Pferdeheilkunde* 28: 4-7
17. Galvão A., Skarzynski D.J., Szóstek A., Silva E., Tramontano A., Mollo A., Mateus L., Ferreira-Dias G., *Cytokines tumor necrosis factor- $\alpha$  and interferon- $\gamma$  participate in modulation of the equine corpus luteum as autocrine and paracrine factors*, *Journal of Reproductive Immunology* 93:28-37.
18. Piotrowska-Tomala K.K., Siemieniuch M.J., Szóstek A.Z., Korzekwa A.J., Woclawek-Potocka I., Galvão A.M., Okuda K., Skarzynski D.J., *Lipopolysaccharides, cytokines, and nitric oxide affect secretion of prostaglandins and leukotrienes by bovine mammary gland epithelial cells*, *Domestic Animal Endocrinology* 43(4):278-288.
19. Siemieniuch M.J., Jursza E., Szóstek A.Z., Skarzynski D.J., Boos A., Kowalewski M.P., 2012, *Steroidogenic capacity of the placenta as a supplemental source of progesterone during pregnancy in domestic cats*, *Reproductive Biology and Endocrinology* 10:89.
20. Szóstek A.Z., Siemieniuch M.J., Galvão A.M., Lukasik K., Zieba D., Ferreira-Dias G.M., Skarzynski D.J., 2012, *Effects of cell storage and passage on basal and oxytocin-regulated prostaglandin secretion by equine endometrial epithelial and stromal cells*, *Theriogenology* 77:1698-708.
21. Majewska M., Lee H.Y., Tasaki Y., Acosta T.J., Szóstek A.Z., Siemieniuch M., Okuda K., Skarzynski D.J., 2012, *Is cortisol a modulator of interferon tau action in the endometrium during early pregnancy in cattle?*, *Journal of Reproductive Immunology* 93(2):82-93.

22. Ferreira-Dias G., Costa A.S., Mateus L., Korzekwa A.J., Galvão A., Redmer D.A., Lukasik K., Szóstek A.Z., Woclawek-Potocka I., Skarzynski D.J., 2011, *Nitric oxide stimulates progesterone and prostaglandin E2 secretion as well as angiogenic activity in the equine corpus luteum*, *Domestic Animal Endocrinology* 40:1-9.

23. Szóstek A.Z., Siemieniuch M.J., Deptula K., Woclawek-Potocka I., Majewska M., Okuda K., Skarzynski D.J., 2011, *Ovarian steroids modulate tumor necrosis factor- $\alpha$  and nitric oxide-regulated prostaglandin secretion by cultured bovine oviductal epithelial cells*, *Domestic Animal Endocrinology* 41:14-23.

24. Szóstek A.Z., Lukasik K., Majewska M., Bah M.M., Znaniński R., Okuda K., Skarzynski D.J., 2011, *Tumor necrosis factor- $\alpha$  inhibits the stimulatory effect of luteinizing hormone and prostaglandin E(2) on progesterone secretion by the bovine corpus luteum*, *Domestic Animal Endocrinology* 40:183-91.