

PUBLIKACJE 2019

1. M Słowińska, A Hejmej, J Bukowska, E Liszewska, B Bilińska, P Hliwa, K Kozłowski, J Jankowski, A Cierieszko. Expression and secretion of albumin in male turkey (*Meleagris Gallopavo*) reproductive tract in relation to yellow semen syndrome. *Poultry Science*. 2019; 98 (4); 1872-1882.
2. MK Jaglarz, W Tworzydło, A Rak, M Kotula-Balak, M Sekula, SM Bilinski. Viviparity in the dermapteran *Arixenia esau*: respiration inside mother's body requires both maternal and larval contribution. *Protoplasma*. 2019; 256 (6); 1573-1584.
3. P Pawlicki, A Hejmej, A Milon, K Lustofin, BJ Płachno, W Tworzydło, E Gorowska-Wojtowicz, B Pawlicka, M Kotula-Balak, B Bilinska. Telocytes in the mouse testicular interstitium: implications of G-protein-coupled estrogen receptor (GPER) and estrogen-related receptor (ERR) in the regulation of mouse testicular interstitial cells. *Protoplasma*. 2019; 256 (2); 393-408.
4. E Gorowska-Wojtowicz, M Duliban, M Kudrycka, P Dutka, P Pawlicki, A Milon, M Zarzycka, W Płacha, M Kotula-Balak, A Ptak, JK Wolski, B Bilinska. Leydig cell tumorigenesis - implication of G-protein coupled membrane estrogen receptor, peroxisome proliferator-activated receptor and xenoestrogen exposure. *in vivo and in vitro appraisal*. *Tissue and Cell*. 2019; 61; 51-60.
5. A Milon, P Pawlicki, A Rak, E Mlyczyńska, BJ Płachno, W Tworzydło, E Gorowska-Wojtowicz, B Bilinska, M Kotula-Balak. Telocytes are localized to testis of the bank vole (*Myodes Glareolus*) and are affected by lighting conditions and G-coupled membrane estrogen receptor (GPER) signaling. *General and Comparative Endocrinology*. 2019; 271; 39-48
6. L Teresiński, O Sipak, A Rył, M Masiuk, I Rotter, W Ratajczak, M Łazowska, M Słomczyńska, M Marchlewicz, B Karakiewicz, A Kram, M Laszczyńska. Assessment of morphological changes and steroid receptors in the uteri of postmenopausal women. *Histology and Histopathology*. 2019; 34 (6); 631-644.
7. A Milon, M Kaczmarczyk, P Pawlicki, B Bilinska, M Duliban, E Gorowska-Wojtowicz, W Tworzydło, M Kotula-Balak. Do estrogens regulate lipid status in testicular steroidogenic Leydig cell? *Acta Histochemica*. 2019; 121(5); 611-618.
8. P Witek, K Knapczyk-Stwora. Kluczowa rola kisspeptyny w regulacji procesów rozrodczych samic. *Kosmos*. 2019; 68(3); 363-374.
9. M Grzesiak, M Stankiewicz. Rola witaminy D_3 w fizjologii i patologii jajnika. *Postępy Biologii Komórki*. 2019; 46(4), 353-368.
10. K Popiolek, M Grzesiak. Egzosomy jako nowy element komunikacji w pęcherzyku jajnikowym ssaków. *Postępy Biochemii*. 2019; 65(4).
11. K Knapczyk-Stwora, A Nynca, RE Cierieszko, L Paukszto, JP Jastrzebski, E Czaja, P Witek, M Koziorowski, M Słomczyńska. Flutamide-induced alterations in transcriptional profiling of neonatal porcine ovaries. *Journal of Animal Science and Biotechnology*. 2019; 10; 35.
12. P Pawlicki, M Duliban, R Tuz, A Ptak, A Milon, E Gorowska-Wojtowicz, W Tworzydło, BJ Płachno, B Bilinska, K Knapczyk-Stwora, M Kotula-Balak. Do G-protein coupled

estrogen receptor and bisphenol A analogs influence on Leydig cell epigenetic regulation in immature boar testis *ex vivo*? *Animal Reproduction Science*. 2019; 207; 21-35.

13. G Gorczyca, K Wartalski, Z Tabarowski, M Duda. Effects of vinclozolin exposure on the expression and activity of SIRT1 and SIRT6 in the porcine ovary. *Journal of Physiology and Pharmacology*. 2019; 70 (1).
14. K Knapczyk-Stwora, M Grzesiak, P Witek, M Duda, M Koziorowski, M Slomczynska. Neonatal exposure to agonists and antagonists of sex steroid receptors induces changes in the expression of oocyte-derived growth factors and their receptors in ovarian follicles in gilts. *Theriogenology*. 2019; 134; 42-52.
15. K Knapczyk-Stwora, M Grzesiak, P Witek, M Duda, M Koziorowski, M Slomczynska. Neonatal exposure to agonists and antagonists of sex steroid receptors affects AMH and FSH plasma level and their receptors expression in the adult pig ovary. *Animals (Basel)*. 2019; 10 (1).
16. A Milon, K Knapczyk-Stwora, P Pawlicki, M Duliban, E Gorowska-Wojtowicz, M Kotula-Balak, B Bilinska. Effect of estrogen-related receptor silencing on miRNA protein machinery expression, global methylation, and deacetylation in bank vole (*Myodes Glareolus*) and mouse tumor leydig cells. *Theriogenology*. 2019; 139; 178-190.