












Correction

Correction: Szymanska et al. The Effect of Visfatin on the Functioning of the Porcine Pituitary Gland: An In Vitro Study. *Cells* 2023, 12, 2835

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Error in Figure

In the original publication [1], the information provided in Figure 12A (letter designations of the bars) does not match the description of the figure in the text (Section 3.4.2). The corrected version is presented below (Figure 12). The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

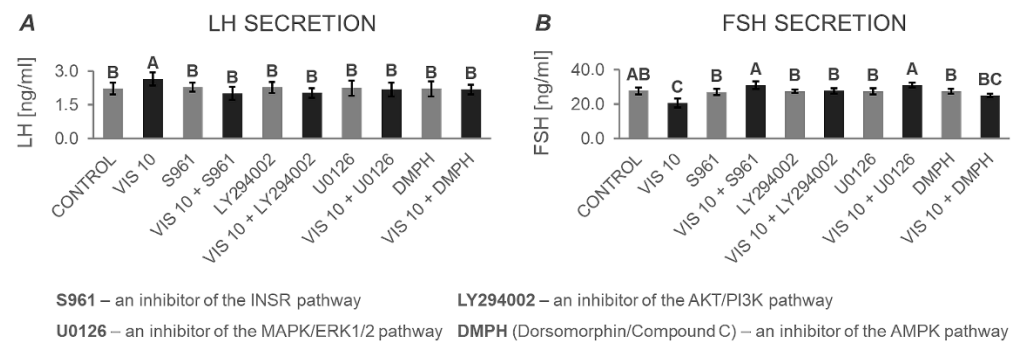


Figure 12. The in vitro effect of visfatin on the secretion of gonadotropins: LH (A) and FSH (B) by porcine anterior pituitary cells after treatment with inhibitors of the INSR, AKT/PI3K, MAPK/ERK1/2, and AMPK signaling pathways. This study was conducted on anterior pituitary glands harvested from pigs ($n = 5$) during the mid-luteal phase (the phase of the highest corpus luteum activity throughout the cycle; days 10–12). After isolation, anterior pituitary cells were preincubated for 72 h and then incubated for 24 h with visfatin (VIS) at the physiological dose (10 ng/mL, VIS 10), or/and S961—an inhibitor of the insulin receptor pathway (INSR, 1 μ M), or/and LY294002—an inhibitor of the protein kinase B/phosphatidylinositol 3-kinase pathway (AKT/PI3K, 20 μ M), or/and U0126—an inhibitor of the mitogen-activated protein kinase/extracellular signal-regulated kinase pathway (MAPK/ERK1/2, 10 μ M), or/and Dorsomorphin/Compound C (DMPH)—inhibitor of the adenosine monophosphate-activated protein kinase pathway (AMPK, 10 μ M) or serum-free medium alone—CONTROL. The concentrations of luteinizing hormone (LH) and follicle-stimulating hormone (FSH) in the culture media were determined using commercially available ELISA kits. Data were analyzed using a multifactorial analysis of variance (ANOVA) followed by Dunnett's post hoc test. The results are presented as graphs (mean \pm S.E.M.). Bars with different superscripts are significantly different at $p < 0.05$.

Reference

1. Szymanska, K.; Rytelwska, E.; Zaobidna, E.; Kiezun, M.; Gudelska, M.; Kopij, G.; Dobrzyn, K.; Mlyczynska, E.; Kurowska, P.; Kaminska, B.; et al. The Effect of Visfatin on the Functioning of the Porcine Pituitary Gland: An In Vitro Study. *Cells* **2023**, *12*, 2835. [[CrossRef](#)] [[PubMed](#)]

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