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Authors: Marcin Martyniak, Kamila Zglejc-Waszak, Anita Franczak, Genowefa Kotwica



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**Transcriptomic analysis of the oviduct of pigs during the peri-conceptual period**

Marcin Martyniak\*, Kamila Zglejc-Waszak, Anita Franczak, Genowefa Kotwica

*Department of Animal Anatomy and Physiology, Faculty of Biology and Biotechnology,  
University of Warmia and Mazury in Olsztyn, Oczapowski 1A str., 10-719 Olsztyn, Poland*

\*Corresponding author: Marcin Martyniak, E-mail: marcin.martyniak@uwm.edu.pl

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**Highlights**

- Alterations in genes expression of isthmus is demonstrated in this study.
- On Days 2-3 of pregnancy porcine embryos affect transcriptome of oviductal isthmus.
- The most altered genes are down-regulated and involved in immunological processes.

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