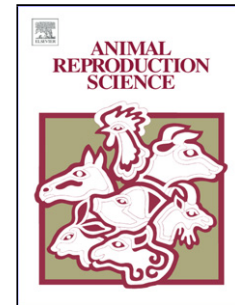


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Authors: N.C. Gareis, E. Huber, G.J. Hein, F.M. Rodríguez, N.R. Salvetti, E. Angeli, H.H. Ortega, F. Rey



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Impaired insulin signaling pathways affect ovarian steroidogenesis in cows with COD

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Short title: Insulin signaling and steroidogenesis in cows.

Highlights

- We provide new insights into the insulin response in cows with COD that might modify the biosynthetic pathway of steroidogenic hormones.
- The expression of steroidogenic enzymes and the concentration of hormones in serum and follicular fluid were altered.
- Alterations detected would negatively influence the functionality of the ovaries.
- Results obtained contribute to knowledge of the influence of intrafollicular factors in the dynamics of the follicular cysts.

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