

## Gamete Alerts

### **Semen Modulates Cell Growth and Differentiation-Related Transcripts in the Pig Peri-Ovulatory Endometrium**

The goal of this article is to learn if several ejaculation of pig semen may regulates the cell growth and differentiated-related transcripts in peri-ovulatory endometrium. This study shows that Semen and SP can trigger significant gene expression changes in the female reproductive tract. The author has explored the modulation of 144 mRNA transcripts related to cell growth and differentiation in the sow reproductive tract in triggered by semen and sperm-free SP. They also made four experimental group to observe the changes in their experimental study. Their results confirm changes in the expression of cell growth and differentiation in reproductive tract. It also suggested that as early as the peri-ovulatory stage, relevant factors present in sperm and SP produce changes in mRNA expression in the female genital tract,

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Jaume Gardela , Mateo Ruiz-Conca , Dominic Wright , Manel López-Béjar , Cristina A. Martínez , Heriberto Rodríguez-Martínez and Manuel Álvarez-Rodríguez.

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Compiled by: Mrs Yosheeta Tanwar, Dr. Nancy S Brahmhatt, Dr. Nidhi Singh

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