

May 15, 2020

Editors of *JoVE*,

Please find the enclosed manuscript from my laboratory entitled “**Bovine Ovarian Cortex Tissue Culture.**” This manuscript describes how to conduct bovine ovarian cortex cultures and shows data from both histology (changes in follicle progression by follicle staging, altered fibrosis and oxidative stress) as well as measurement of daily and pooled ovarian cortex media steroids and metabolites and cytokines.

There are no copyrights, etc. for any figures or data in the manuscripts. We have data collected from individual animals (steroid metabolite and cytokines) to demonstrate to readers how much you can obtain from individual wells of 4 pieces of ovarian cortex per animal. These data also give the reader an idea of the variation between animals. Daily concentrations of androstenedione were also presented for several animals to show the daily measures that may be obtained.

We appreciate your consideration of this manuscript for publication in *JoVE*.

Sincerely Yours,



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