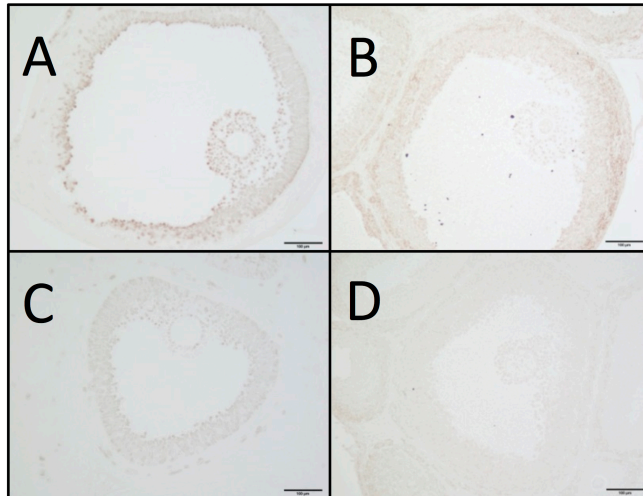
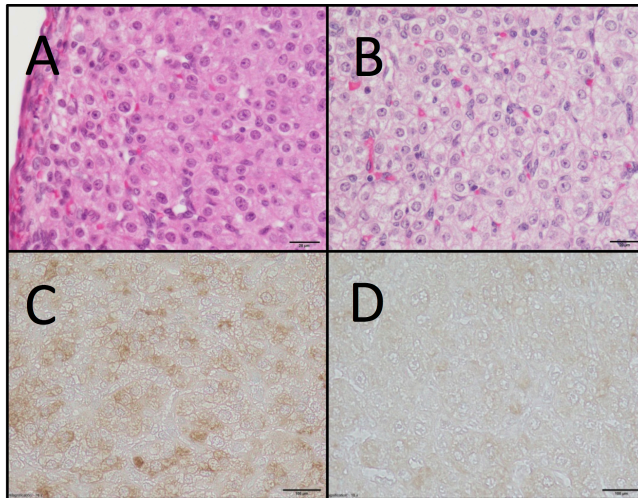


Supplementary Fig. 1 Typical immunoblots of ovarian three proteins expression in the time course of hCG treatment



Supplementary Fig.2 COX-2 and StAR immunostaining of preovulatory follicles

Rats were intrabursally treated with vehicle (A, B) or rosiglitazone (C, D) at hCG0h. Ovaries sampled at hCG8h were immunohistochemically examined for COX-2 (A, C) or StAR (B, D). Scale bar : 100 μ m.



Supplementary Fig.3 HE and StAR immunostaining of CL
Rats were intrabursally treated with vehicle (A, C) or rosiglitazone (B, D) at hCG24h. Ovaries were sampled at hCG72h and HE-stained (A, B) or immunostained for StAR expression (C, D). Scale bars: 20 μm (A, B), 100 μm (C, D).