Supplemental Figure 1. **Concurrent treatment of FSH with TNF-α has no effect on caspase activity.** Caspase activity assays were performed using the Apo-ONE Homogeneous Caspase-3/7 Assay (Promega) according to the manufacturer’s protocol. Granulosa cells were treated with FSH (30 ng/mL) alone or with increasing concentrations of TNF-α (0.1–10 ng/mL) for 3 or 12 hours.

Supplemental Figure 2. **TNF-α did not influence FSH-induced LHR mRNA stability.** Granulosa cells were preincubated with FSH (30 ng/mL) alone or with TNF-α (0.1 ng/mL) for 60 hours. The medium was replaced with fresh medium without hormones, and 5 µM actinomycin-D was added to arrest new RNA synthesis. Cells were harvested at several time points after addition of the transcription inhibitor, and LHR mRNA levels were measured by real-time PCR.