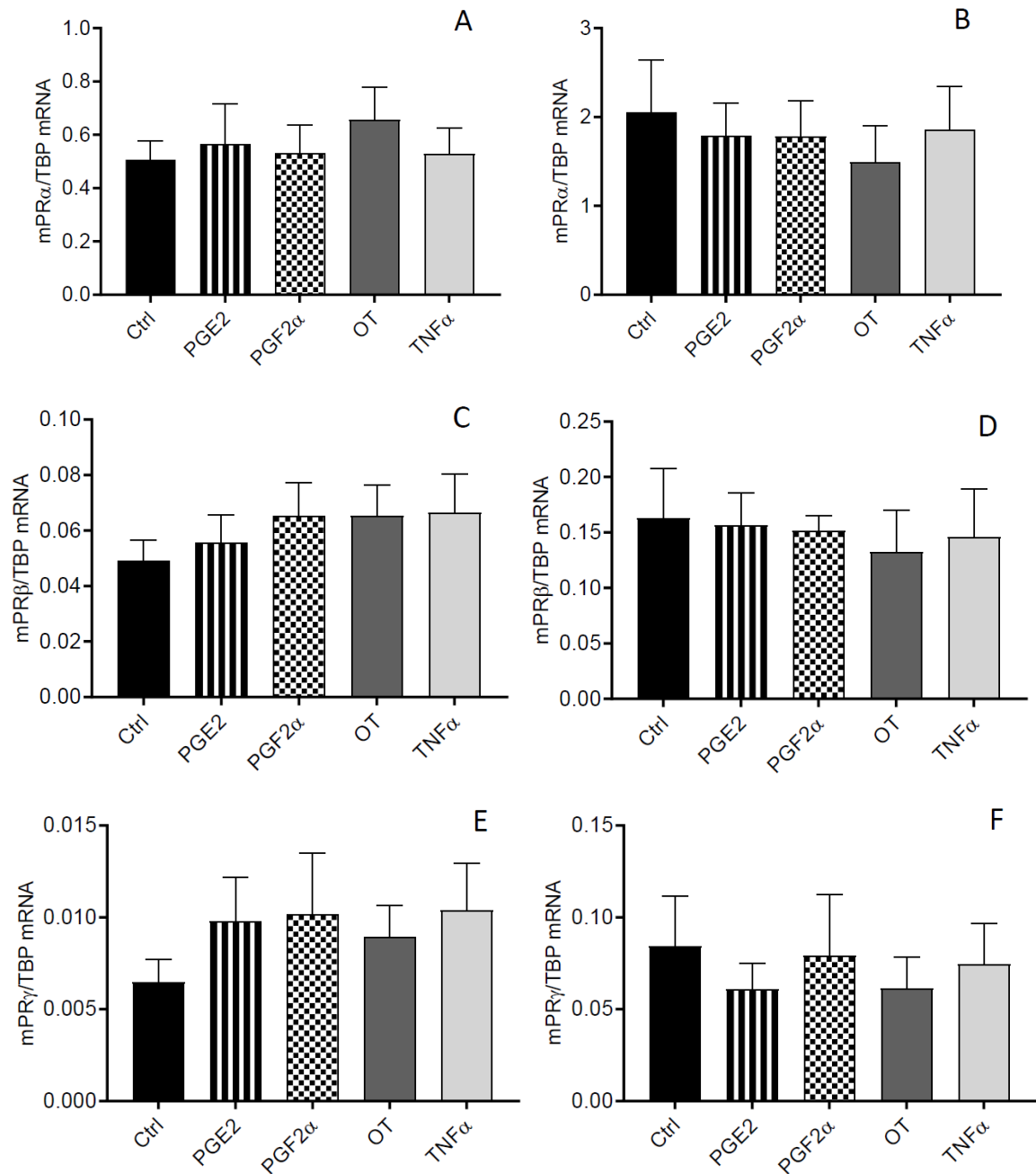


**Figure S1.** Mean ( $\pm$ S.E.M.) PGE2 concentrations in medium after supplementation of myometrial cells on Days 6 to 10 and 11 to 16 of the estrous cycle with arachidonic acid (AA;  $10^{-5}$  M) compared to untreated cells (Ctrl;  $n = 5$ ). Values with different superscripts are significant at  $P < 0.01$ .



**Figure S2.** The influence of prostaglandin E2 (PGE2; 10<sup>-6</sup> M), prostaglandin F2α (PGF2α; 10<sup>-6</sup> M), oxytocin (OT; 10<sup>-7</sup> M), and tumor necrosis factor alpha (TNFα; 10<sup>-4</sup> M) on the mRNA expression of membrane progesterin receptor (mPR) α (A, B), mPRβ (C, D) and mPRγ (E, F) in bovine myometrial cells from days 6–10 (A, C, E) and 11–16 (B, D, F) of the estrous cycle. Gene expression was determined by quantitative real-time PCR. Results are reported as mean ± SEM (n = 5). Bars with different superscripts differ significantly (p < 0.05).