

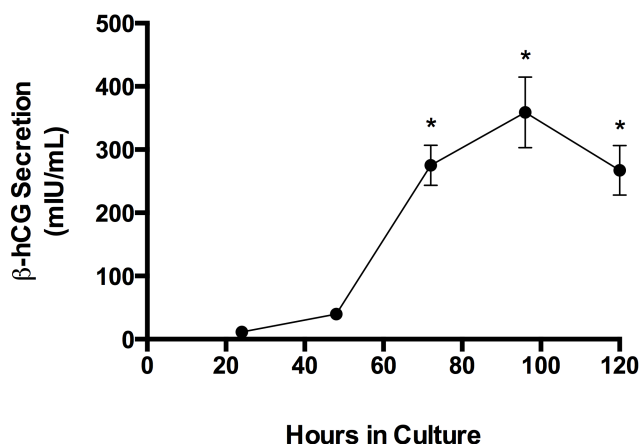
## Effect of Prostaglandin E2 On Multidrug Resistance Transporters In Human Placental Cells

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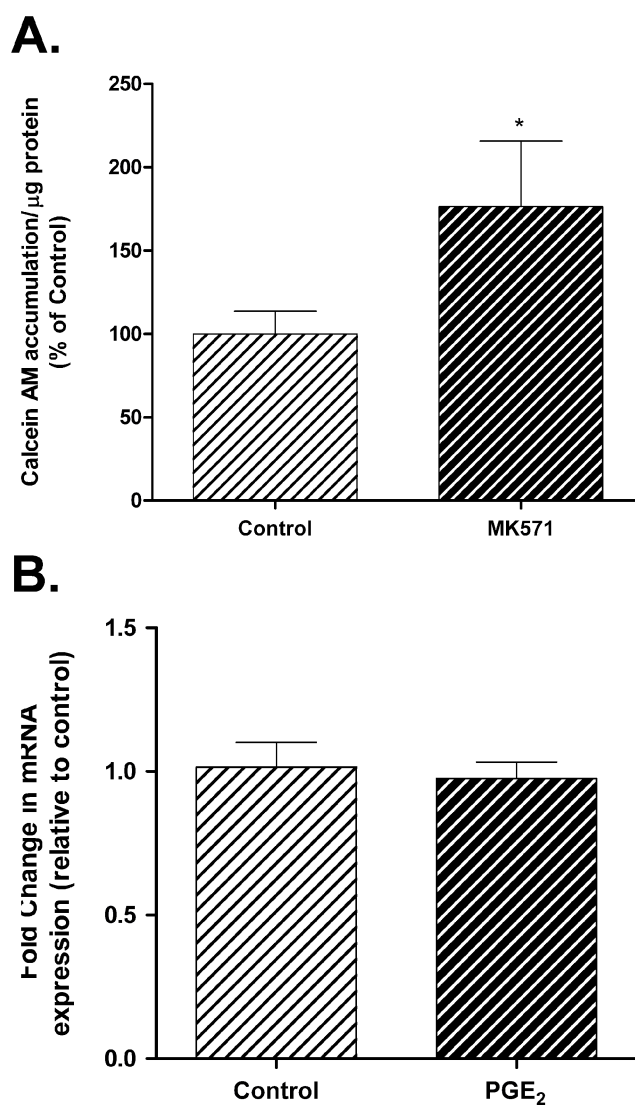
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### Supplemental Data



**Supplemental Figure 1.**  $\beta$ -hCG secretion in cytotrophoblasts from 24 – 120h of culture; n = 5 placentas; \* $P < 0.05$ . Data are mean  $\pm$  SEM.



**Supplemental Figure 2.** [A] The functional expression of MRP1 in Jar cells treated with PGE<sub>2</sub> (5 μg/ml). Drug efflux activity was determined after 24h PGE<sub>2</sub> exposure, and selective chemical inhibition of the intracellular accumulation of calcein-AM in the presence of MK571 (5 μM). [B] MRP1 mRNA expression determined by real-time PCR in human placental choriocarcinoma Jar cells (*n* = 3) stimulated with PGE<sub>2</sub> (5 μg/ml) for 24h. Samples were normalized to the endogenous reference gene, 18s rRNA, and

expressed relative to the vehicle control. Data are presented as mean  $\pm$  S.E.M. \*,  $P < 0.05$  was considered to be significant.