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## Supplementary Material

# Optineurin suppression activates the mediators involved in the terminal effector pathways of human labour and delivery

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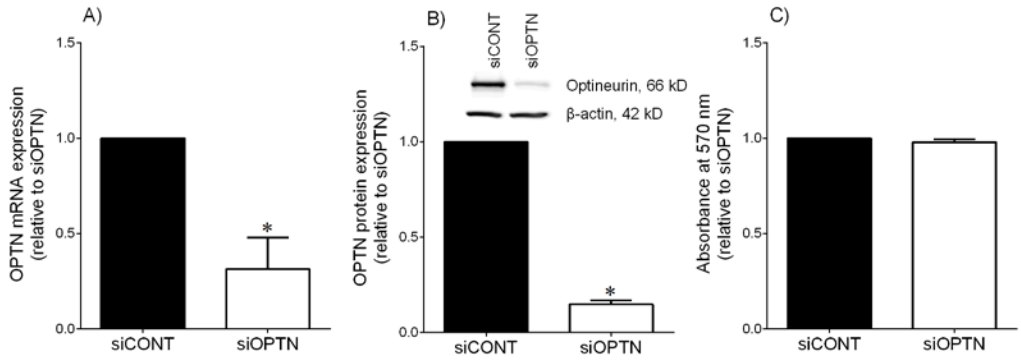


**Fig. S1.** Efficacy of siOPTN knockdown. Human primary myometrial cells were transfected with 100 nM siOPTN or 100 nM siCONT for 48 h (n=5 patients). (A) Optineurin gene expression was analysed by qRT-PCR. Gene expression was normalised to 18S rRNA expression and the fold change was calculated relative to the siCONT transfected cells. Data is displayed as mean ± SEM. **P*<0.05 vs. siCONT (one-sample t-test). (B) Optineurin protein expression was analysed by Western blot. Protein expression was normalised to β-actin and the fold change was calculated to the siCONT transfected cells. Data is displayed as mean ± SEM. **P*<0.05 vs. siCONT (Student's t-test). Western blot of one patient sample is shown. (C) Cell viability was assessed using a MTT assay and the fold change was calculated relative to the siCONT transfected cells. Data is displayed as mean ± SEM. **P*<0.05 vs. siCONT (one-sample t-test).