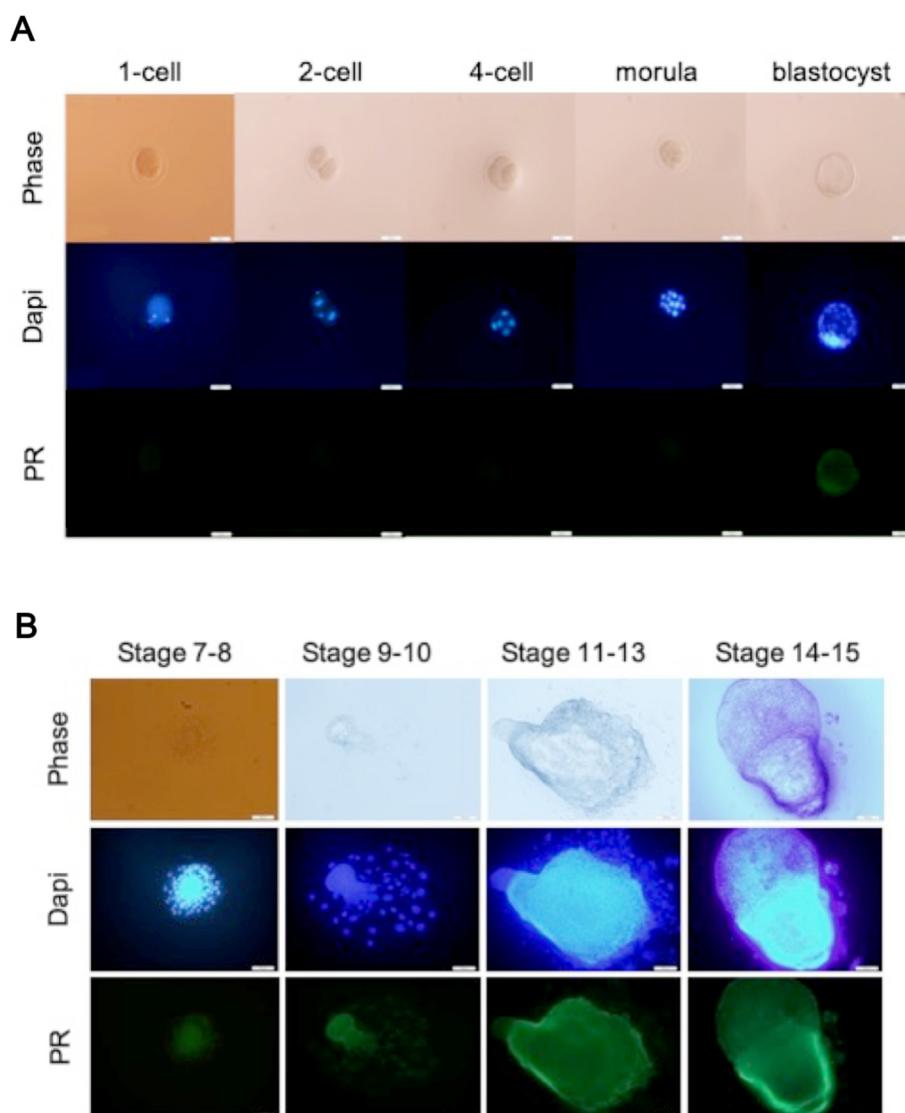
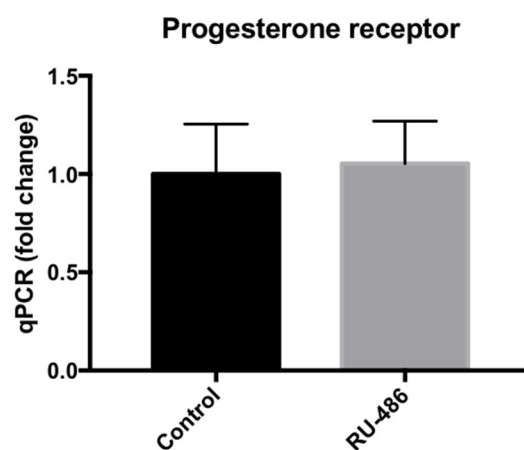


# Supplementary Materials: Mifepristone Directly Disrupts Mouse Embryonic Development in Terms of Cellular Proliferation and Maturation In Vitro

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**Figure S1.** The embryos presented progesterone receptor (PR) since the developmental stage of blastocysts. **(A)** We collected and cultured the mouse embryos in vitro, and performed immunofluorescent staining for PR at stages of 1- cell to blastocysts. **(B)** The mouse embryos at developmental stages of stage 7 – 15 presented PR observed by immunofluorescent staining. Bar: 25  $\mu$ m.



**Figure S2.** RU-486 treatment did not affect the level of progesterone receptor (PR) in mouse blastocysts. We collected the samples for qPCR from cultured blastocysts following exposure in 20  $\mu$ M of RU-486 for 48 h and followed by culturing for 6 days. Control  $n = 5$ , RU-486  $n = 5$ . Data present in Mean  $\pm$  SEM.

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