Supplementary Material

Vascular endothelial growth factor C participates in regulation of maspin in extravillous trophoblast cell migration and invasion

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1. explore the effect of hypoxia on the expression of VEGFC in EVT cells:
   After incubation for 24h in 6-well plates, TEV-1 cells were divided into two groups: normoxic group (treated with PBS), and hypoxic group (treated with CoCl2).

2. observe the effect of rMaspin on VEGFC expression:
   There were 6 groups:
   A: PBS
   B: PBS+rmaspin(10ng/ml)
   C: PBS+rmaspin(100ng/ml)
   D: CoCl2
   E: CoCl2+rmaspin(10ng/ml)
   F: CoCl2+rmaspin(100ng/ml)

3. observe the effect of decitabine on VEGFC expression:
   There were 8 groups:
   A: PBS
   B: PBS+decitabine(0.5ug/ml)
   C: PBS+decitabine(1ug/ml)
   D: PBS+decitabine(2ug/ml)
   E: CoCl2
   F: CoCl2+decitabine(0.5ug/ml)
   G: CoCl2+decitabine(1ug/ml)
   H: CoCl2+decitabine(2ug/ml)

4. detecte the effect of recombinant VEGFC (rVEGFC) on the migrative ability of EVT cells in vitro. The time of intervention was 24h.
   A: PBS
   B: PBS+rVEGF(50ng/ml)
   C: PBS+rVEGF (100ng/ml)
   D: CoCl2
   E: CoCl2+rVEGF(50ng/ml)
   F: CoCl2+rVEGF (100ng/ml)

5. detecte the effect of recombinant VEGFC (rVEGFC) on the invasive ability of EVT cells in vitro. The time of intervention was 48h.
   A: PBS
   B: PBS+rVEGF(50ng/ml)
   C: PBS+rVEGF (100ng/ml)
   D: CoCl2
   E: CoCl2+rVEGF(50ng/ml)
   F: CoCl2+rVEGF (100ng/ml)