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Supplementary Material

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

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Text S1

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)