P4 and IFNT act in a cell-type specific manner

Ho: ALTERNATIVE complimentary cell signaling pathways in LE/sGE are induced by Progestamedins and stimulated by IFNT to:

• Stimulate Trophectoderm cell:
  • Proliferation
  • Migration
  • Differentiation
  • Adhesion

• Stimulate LE/sGE genes for:
  • Nutrient transport
  • Modification of ECM
  • Angiogenesis
  • Conceptus growth and development