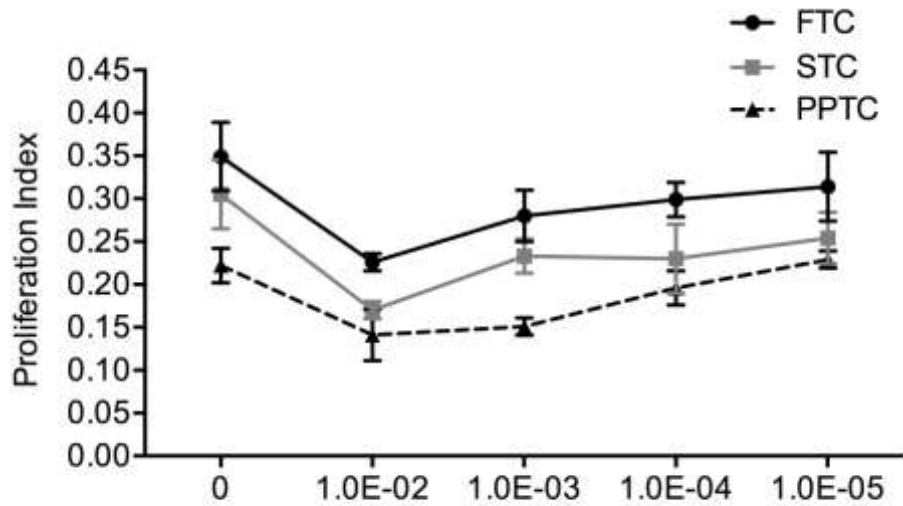


Methotrexate Induces Apoptosis of Post-partum Placental Cytotrophoblast

Hao Yan¹, Zhihua Li¹, Zhonghai Yan², Xiuying Li¹, Xiaomei Li¹, Lin Yu¹, Chunhong Su¹, Dunjin Chen¹

¹Department of Obstetrics and Gynecology, The Third Affiliated Hospital of Guangzhou Medical University, Key Laboratory for Major Obstetric Diseases of Guangdong Province, Guangzhou, China

²Division of Nephrology, College of Physicians and Surgeons, Columbia University, New York, NY, United States of America



S1 Fig. Proliferation index of control groups and the groups with MTX treatment

In the pilot assay, first, second trimester and post-partum placental cytotrophoblast were treated with four different concentrations of MTX (10^{-2} to 10^{-5} mol/L) for 48 hours. Data showed inhibition of replication in a dose-dependent manner. *MTX*, Methotrexate; *FTC*, first trimester cytotrophoblast; *STC*, Second trimester cytotrophoblast; *PPTC*: Post-partum placental cytotrophoblast.