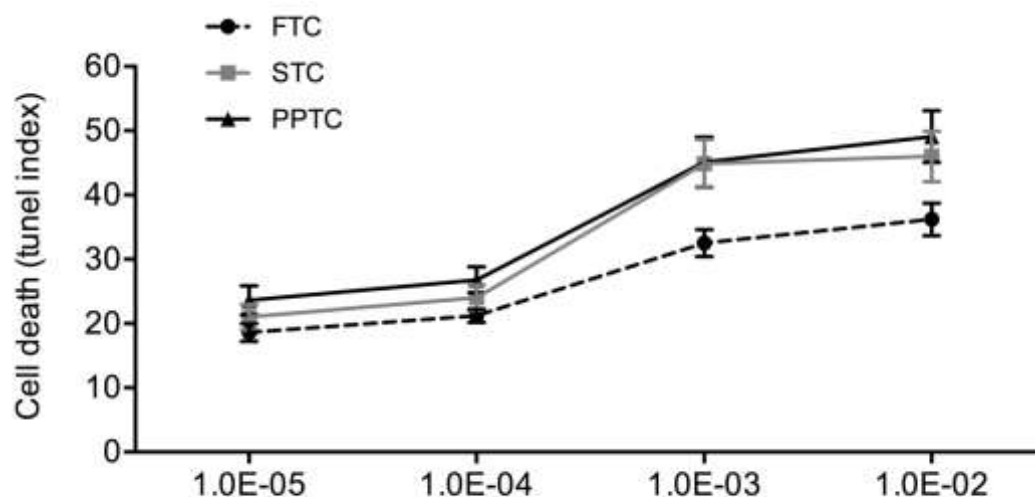


Methotrexate Induces Apoptosis of Post-partum Placental Cytotrophoblast

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



S2 Fig. TUNEL index of control groups and groups with MTX treatment

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. *TUNEL*, Terminal deoxynucleotidyl transferase-mediated dUTP nick end labeling; *MTX*, methotrexate; *FTC*, first trimester cytotrophoblast; *STC*, Second trimester cytotrophoblast; *PPTC*: Post-partum placental cytotrophoblast.