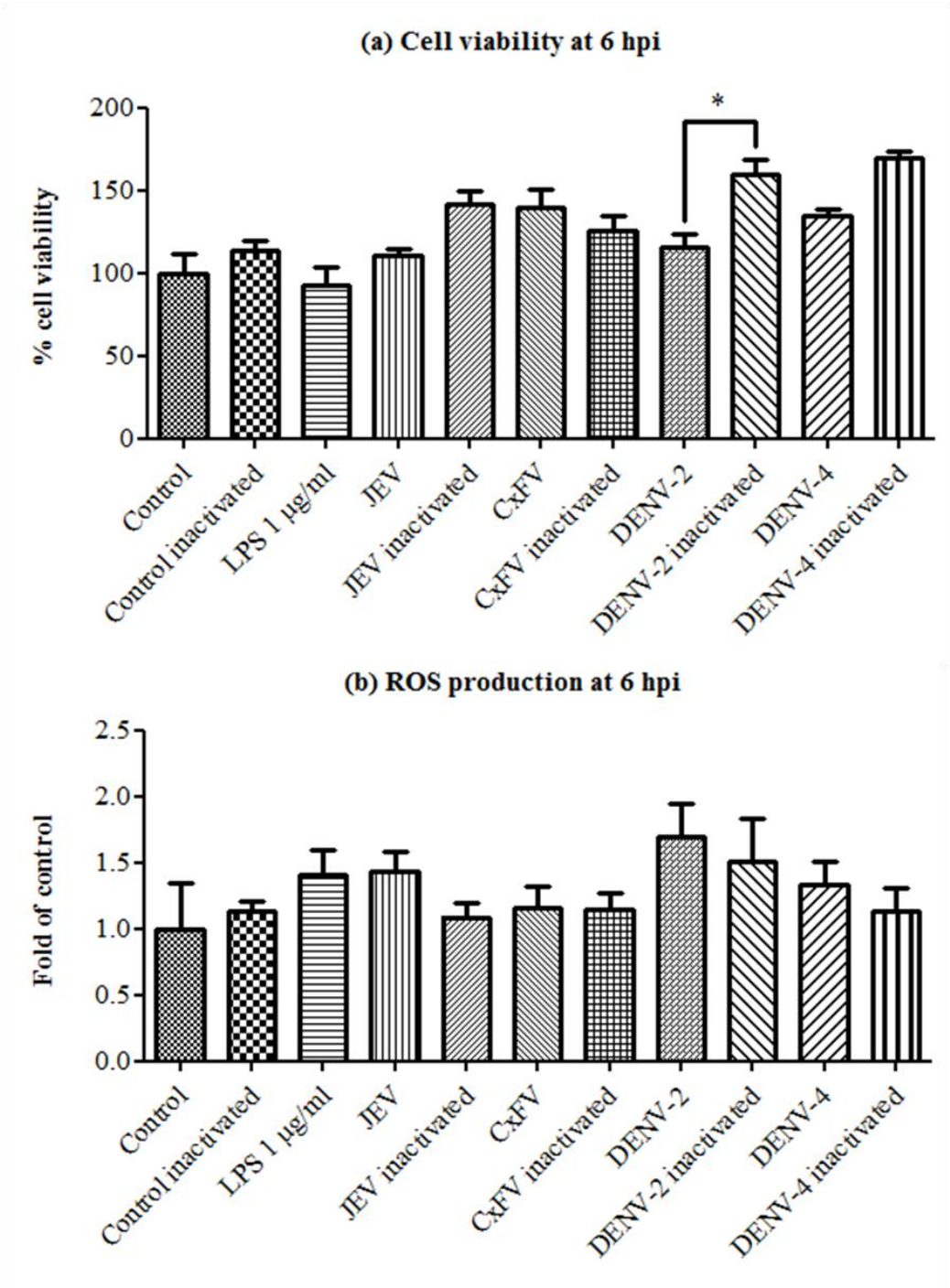
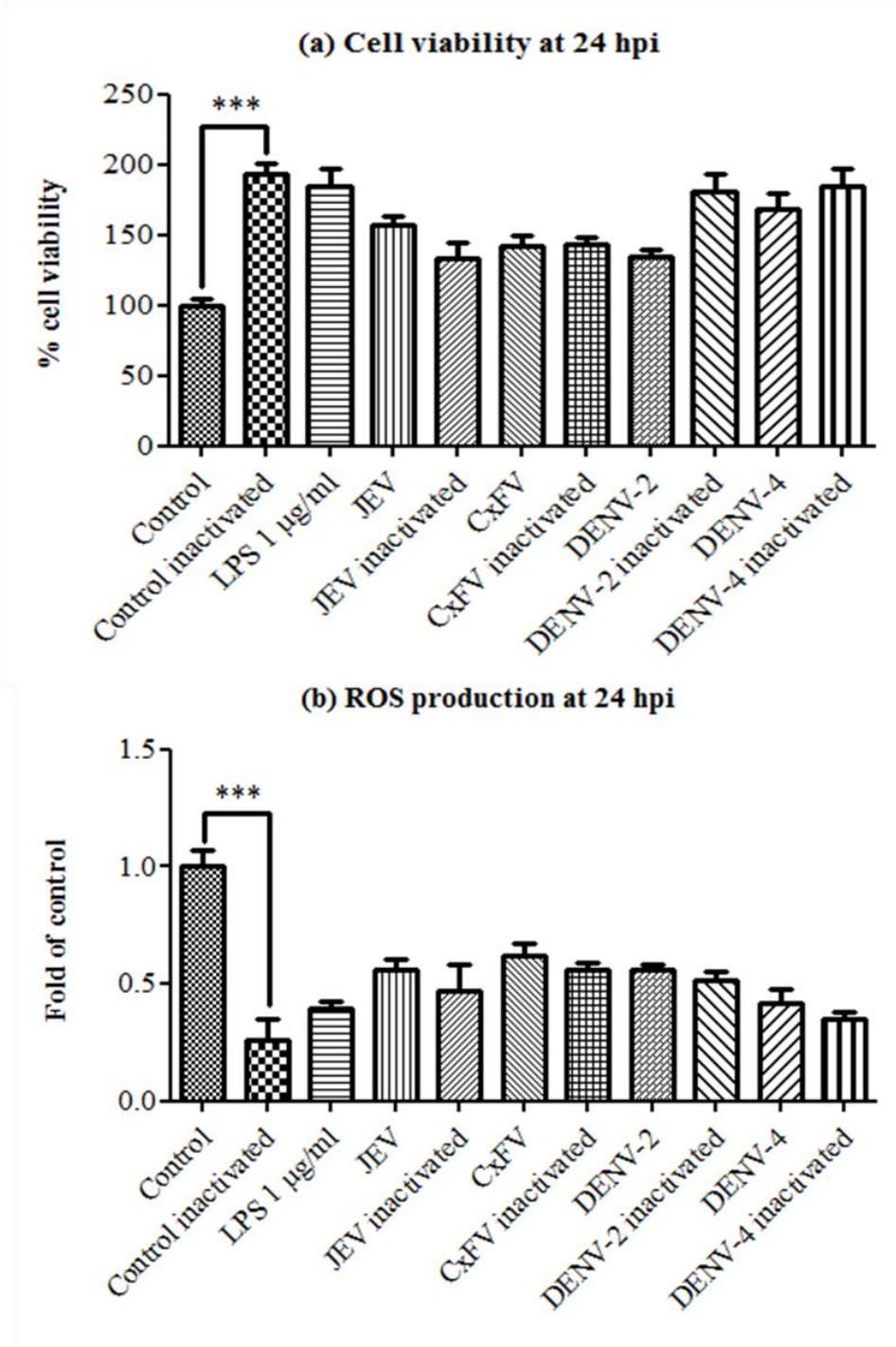
APPENDIX

1. Study effects of inactivated flavivirus in microglia cells



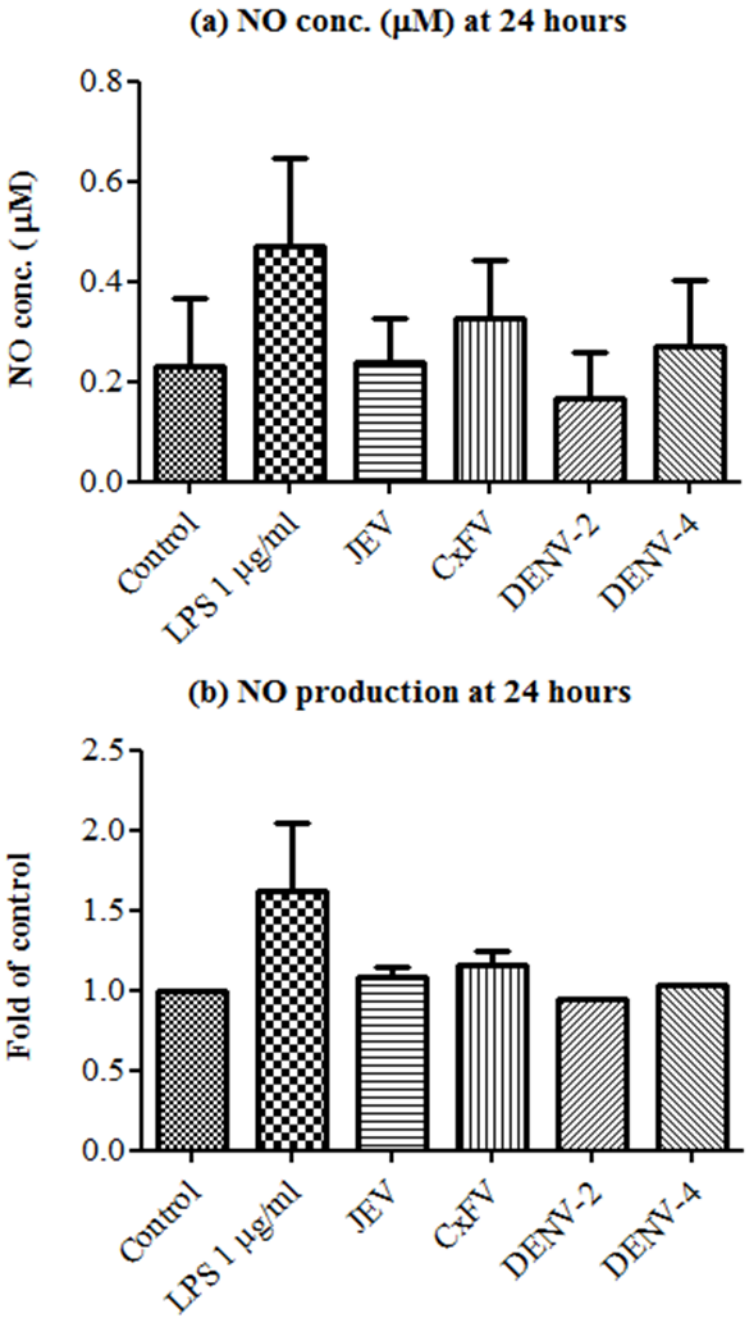
Effect of flavivirus and inactivated flavivirus on cell viability (a) and intracellular ROS production (b) at 6 hpi. Data were represented as mean ± SEM (n=6). *P value < 0.05 when compared with activated condition.

2. Study effects of inactivated flavivirus in microglia cells at 24 hpi



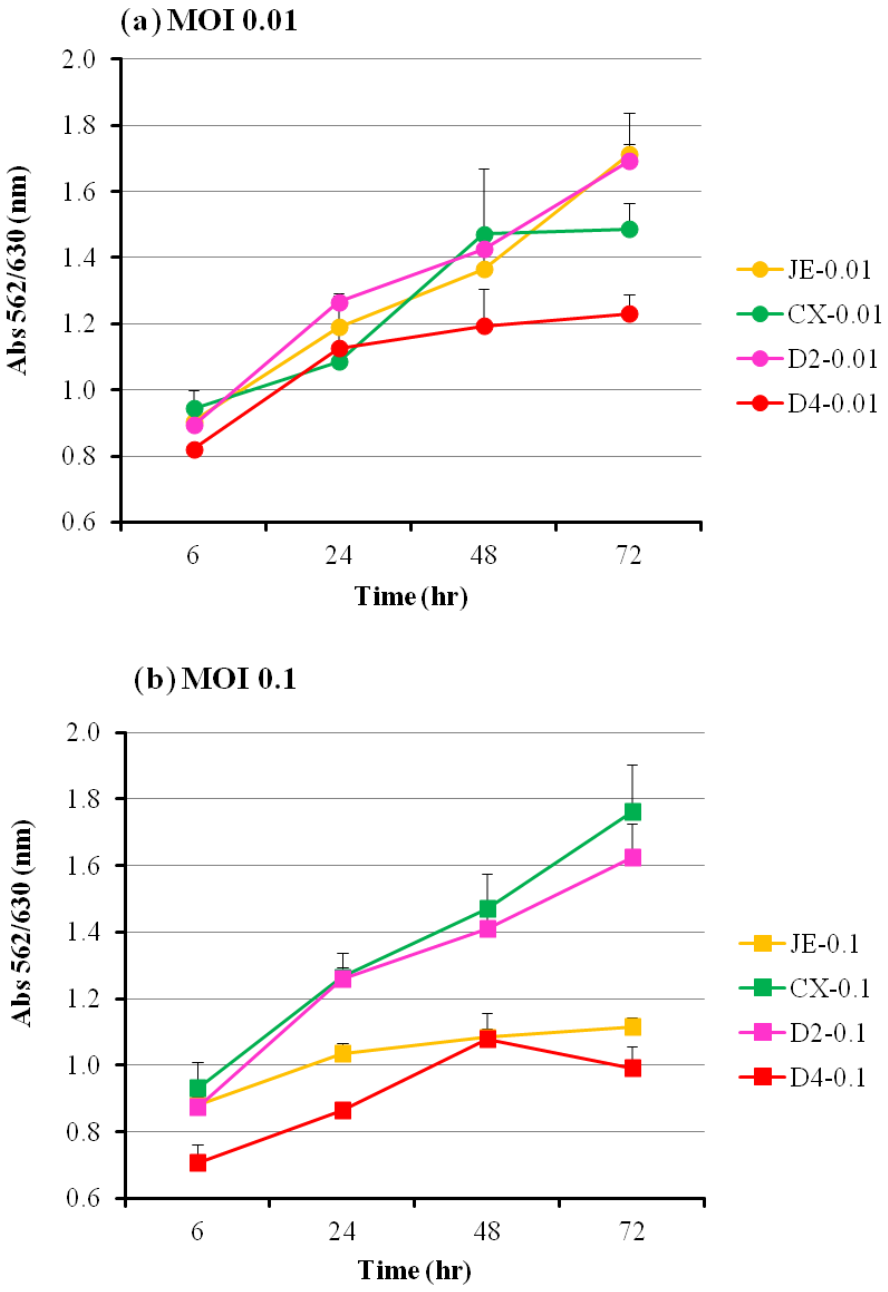
Effect of flavivirus and inactivated flavivirus on cell viability (a) and intracellular ROS production (b) at 24 hpi. Data were represented as mean ± SEM (n=6). ***P value < 0.05 when compared with activated condition.

3. Study effects of flavivirus with MOI 0.1 on Nitric oxide (NO) production at 24 hours



Effects of flavivirus with MOI 0.1 on NO production concentration (a) and fold of control (b). Data were represented as mean ± SEM (n=4).

4. Study effect of cell growth under challenged with flavivirus at MOI 0.01 and 0.1



Cell viability of HAPI cells growth under challenged with flavivirus at MOI of 0.01 (a) and MOI of 0.1 (b). Data were represented as mean ± SEM (n=4).