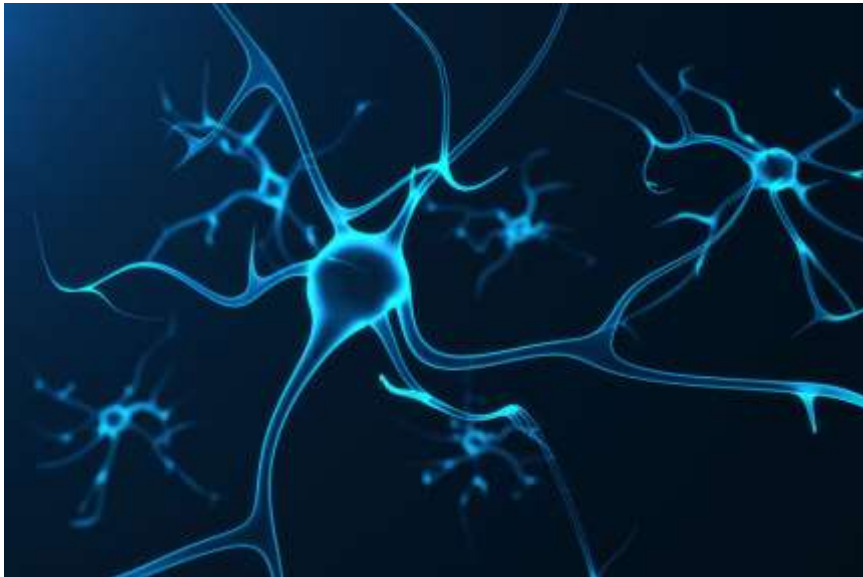




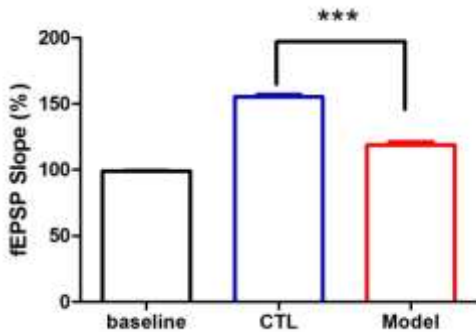
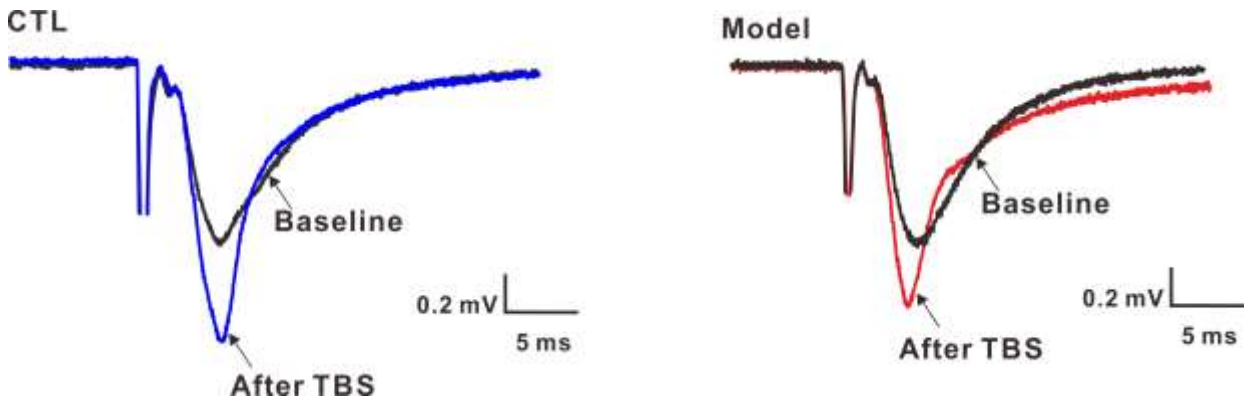
Brain Slices Electrophysiology



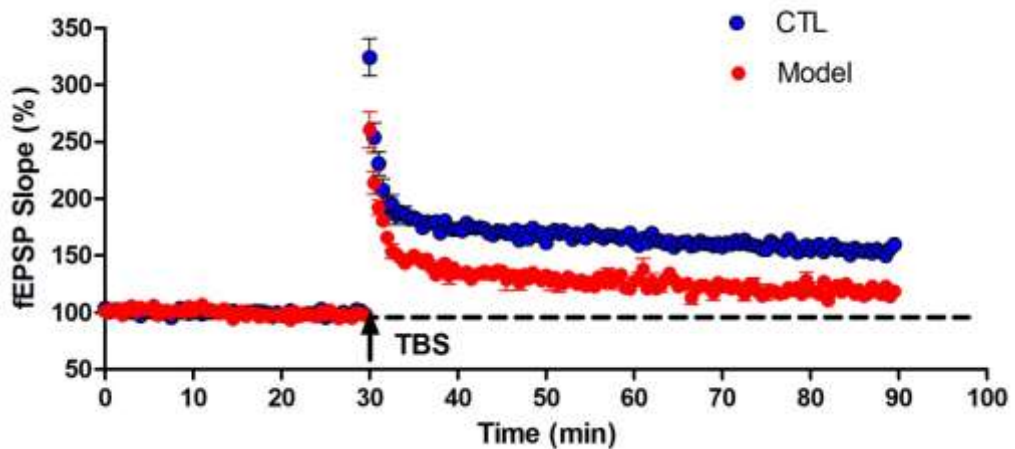
ICE Bioscience INC

September 2019

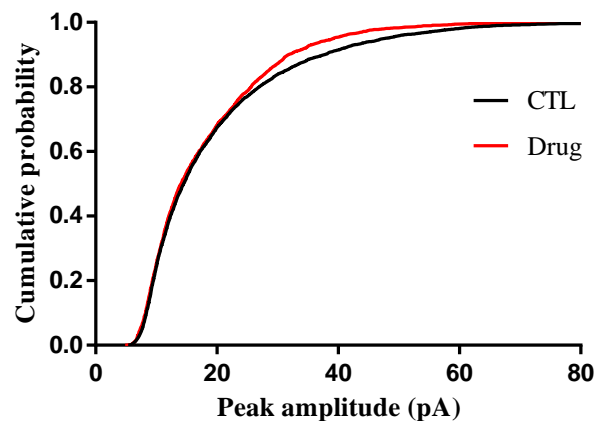
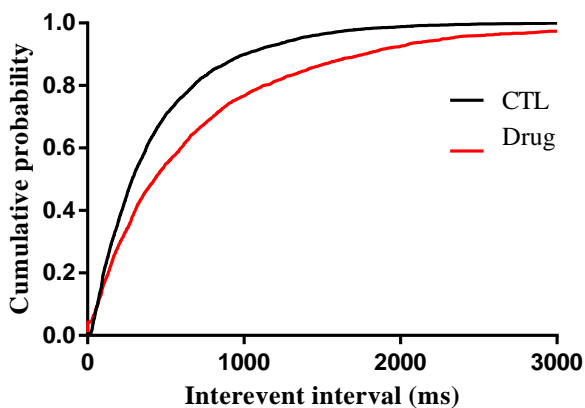
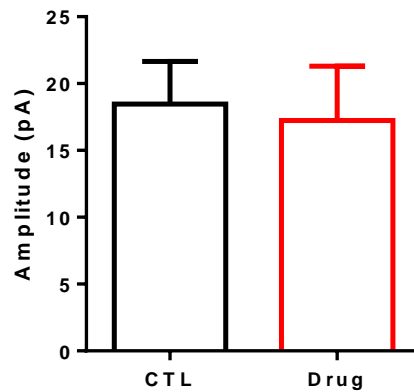
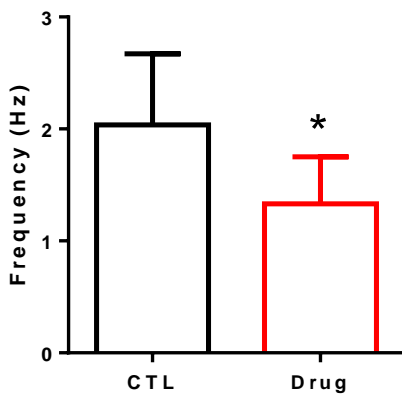
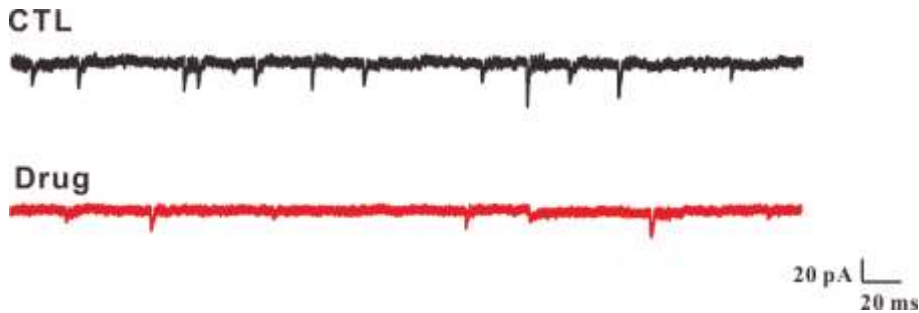
Long term potentiation (LTP) recording on CA3-CA1 in the hippocampus of mice



LTP was reduced significantly in the model mice compared with their WT littermates

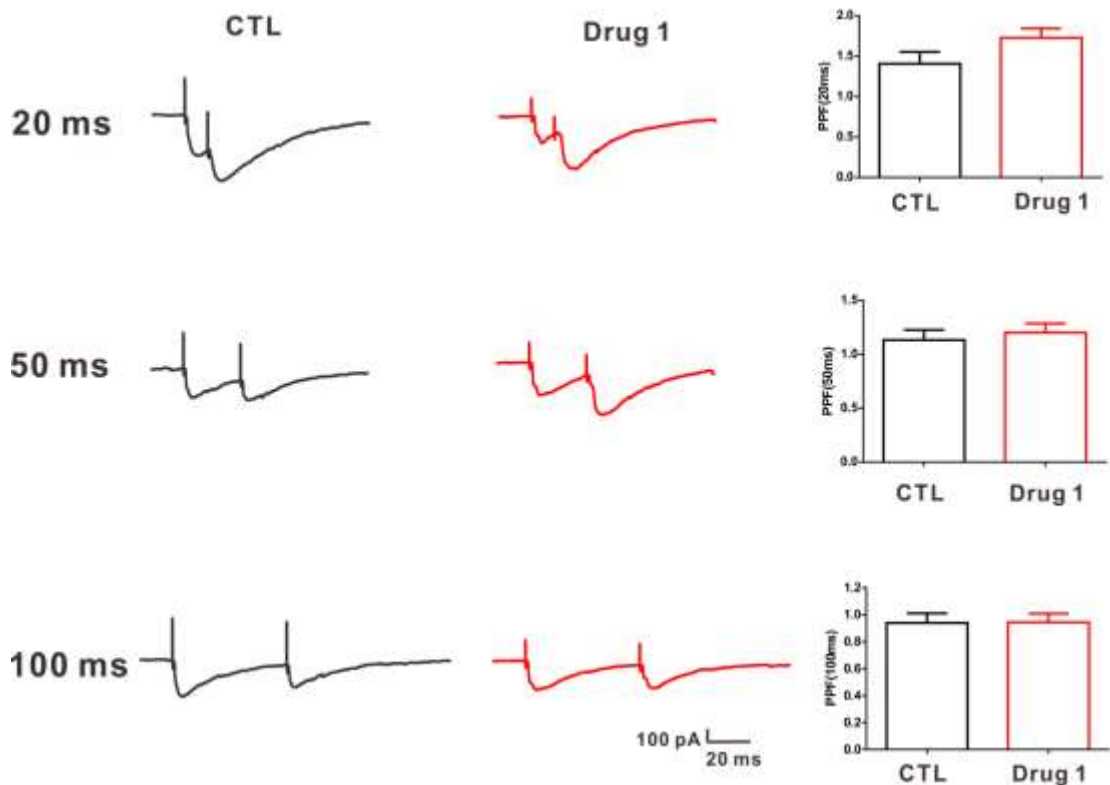


Excitatory miniature postsynaptic currents (mEPSCs) on pyramidal neuron of CA1 in rat hippocampal slice



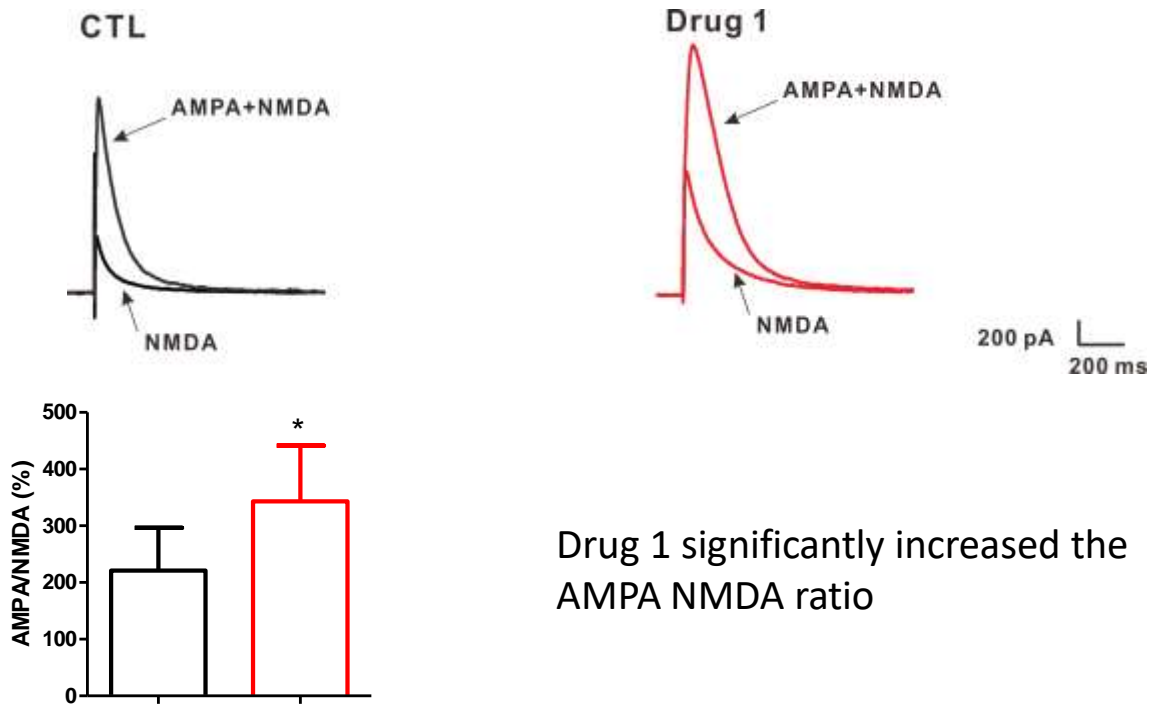
The drug reduced the mEPSC frequency corresponding to the right shift of interevent interval but no effects on mEPSC amplitude

AMPA receptor-induced paired pulse ratio (PPR) on CA1 pyramidal neuron in the CA3-CA1 pathway of rat



Drug 1 had no effects on AMPA receptor-induced PPR with 20 ms, 50 ms and 100 ms interval stimulation respectively.

Evoked excitatory postsynaptic currents (eEPSCs) on CA1 pyramidal neuron in the CA3-CA1 pathway of rat



Action potential (AP) on CA1 pyramidal neuron in rat hippocampal slice

