

Figure S1. Contribution of intracellular calcium overload to both apoptotic and necrotic processes. VDCC, voltage dependent calcium channel; GluR, glutamate receptor; ASIC, acid-sensing ion channel; SOCE, store-operated calcium entry channel; TRPC, transient receptor potential channel; NAADP, nicotinic acid adenine dinucleotide phosphate; ROS, reactive oxygen species; LMP, lysosomal membrane permeabilization; IP3, inositol trisphosphate; MPTP, mitochondrial permeability transition pore; tBID, BH3 interacting domain death agonist; CytC, cytochrome C.

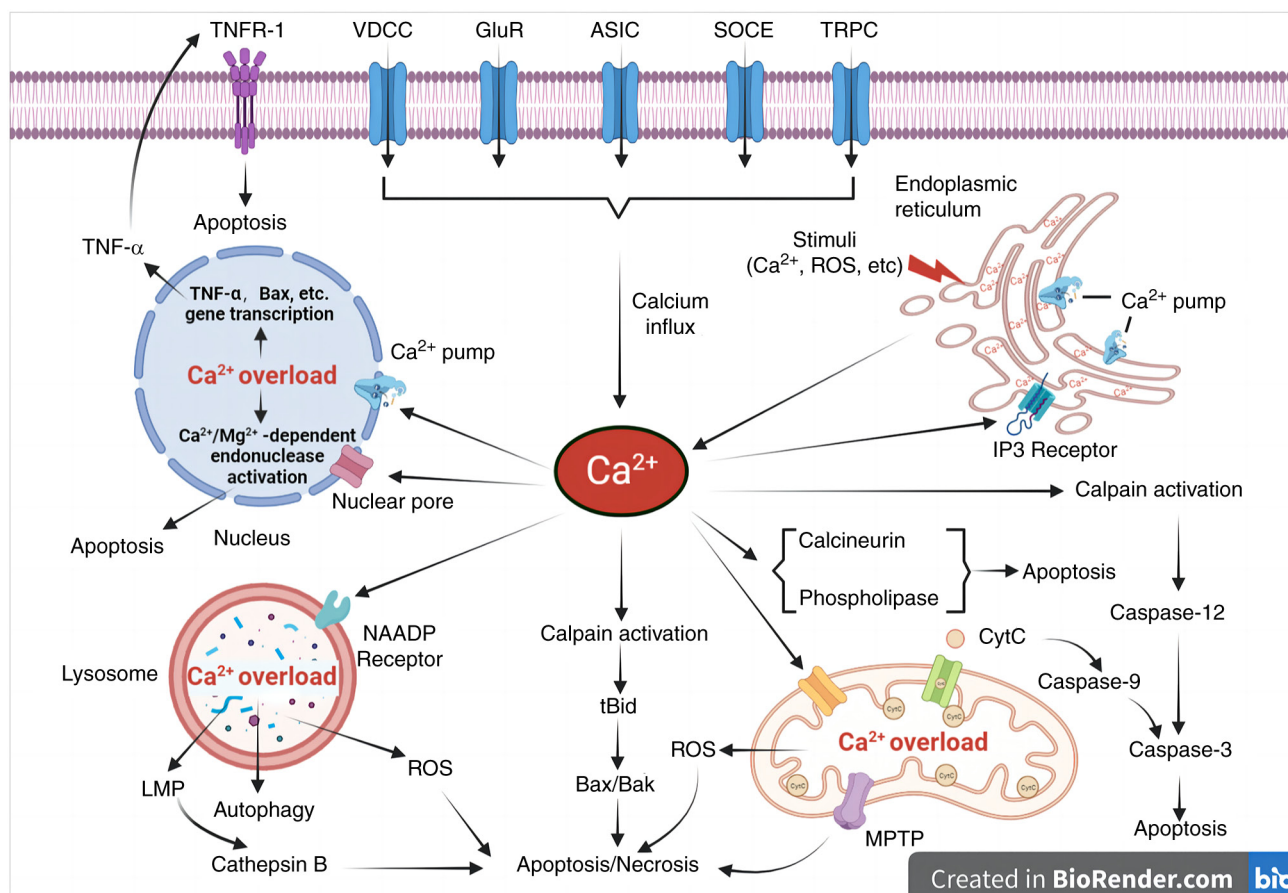


Figure S2. Schematic diagram of BAPTA-AM chelating Ca^{2+} . BAPTA-AM, 1,2-bis(2-aminophenoxy)ethane- N,N,N',N' -tetraacetic acid tetrakis (acetoxymethyl ester).

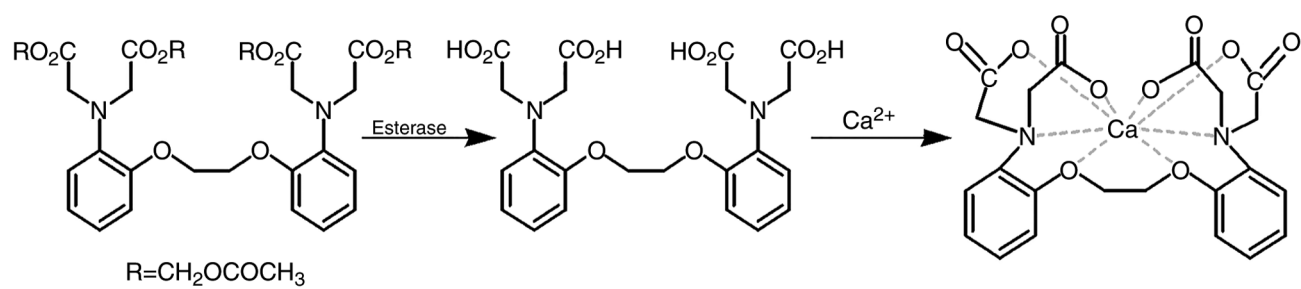


Figure S3. TNF- α , cathepsin B and β -actin gene melting temperatures.

