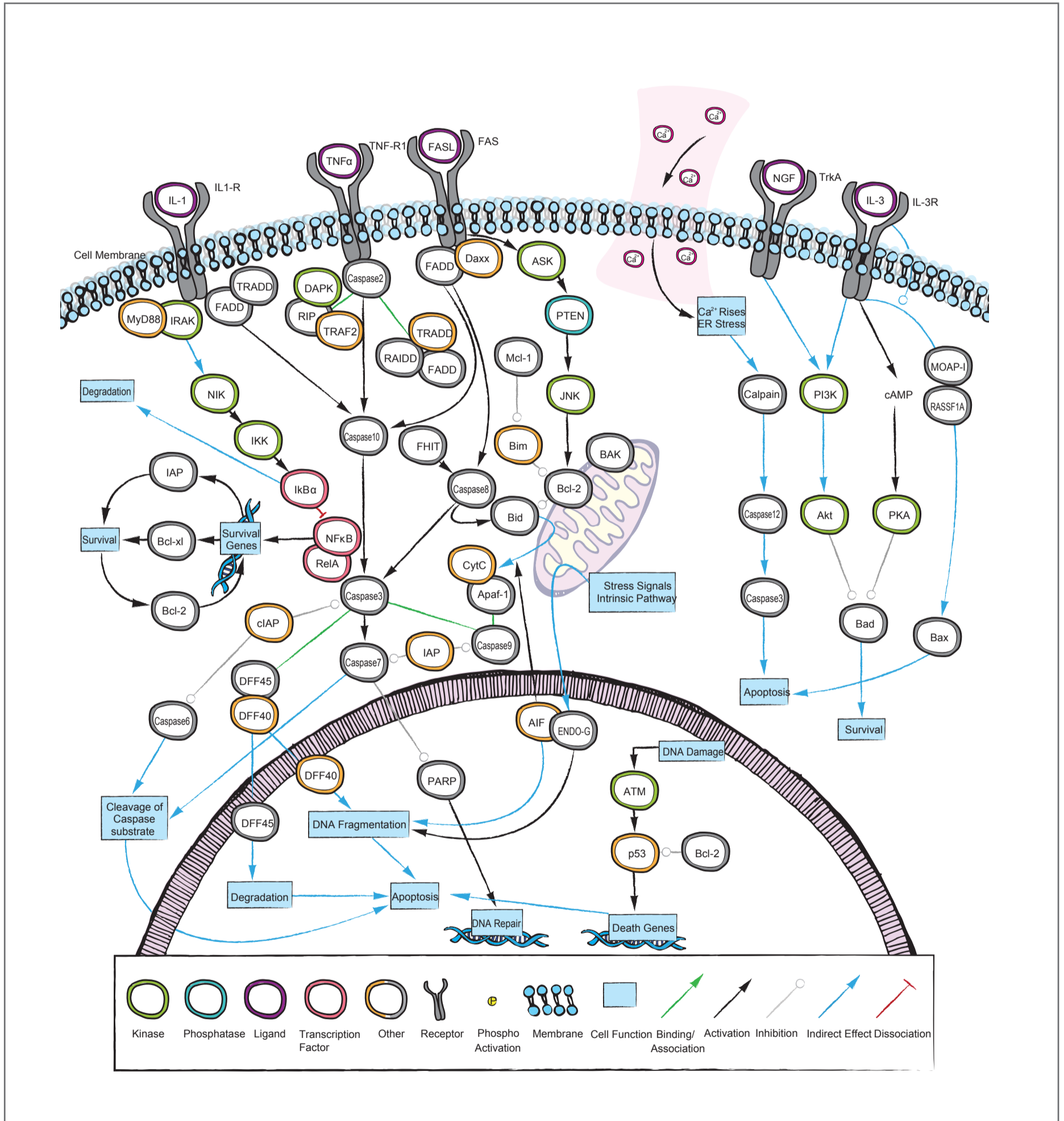


Apoptosis Pathway



A form of cell death, also known as programmed cell death, apoptosis is a process activated within the cell, characterized by fragmentation of the DNA, shrinkage of the cytoplasm, and membrane changes leading to cell death without damage to its neighboring cells. It is an essential component in maintaining the integrity of cell, contributing to normal cell development, cell turnover, and maintenance of the immune system.