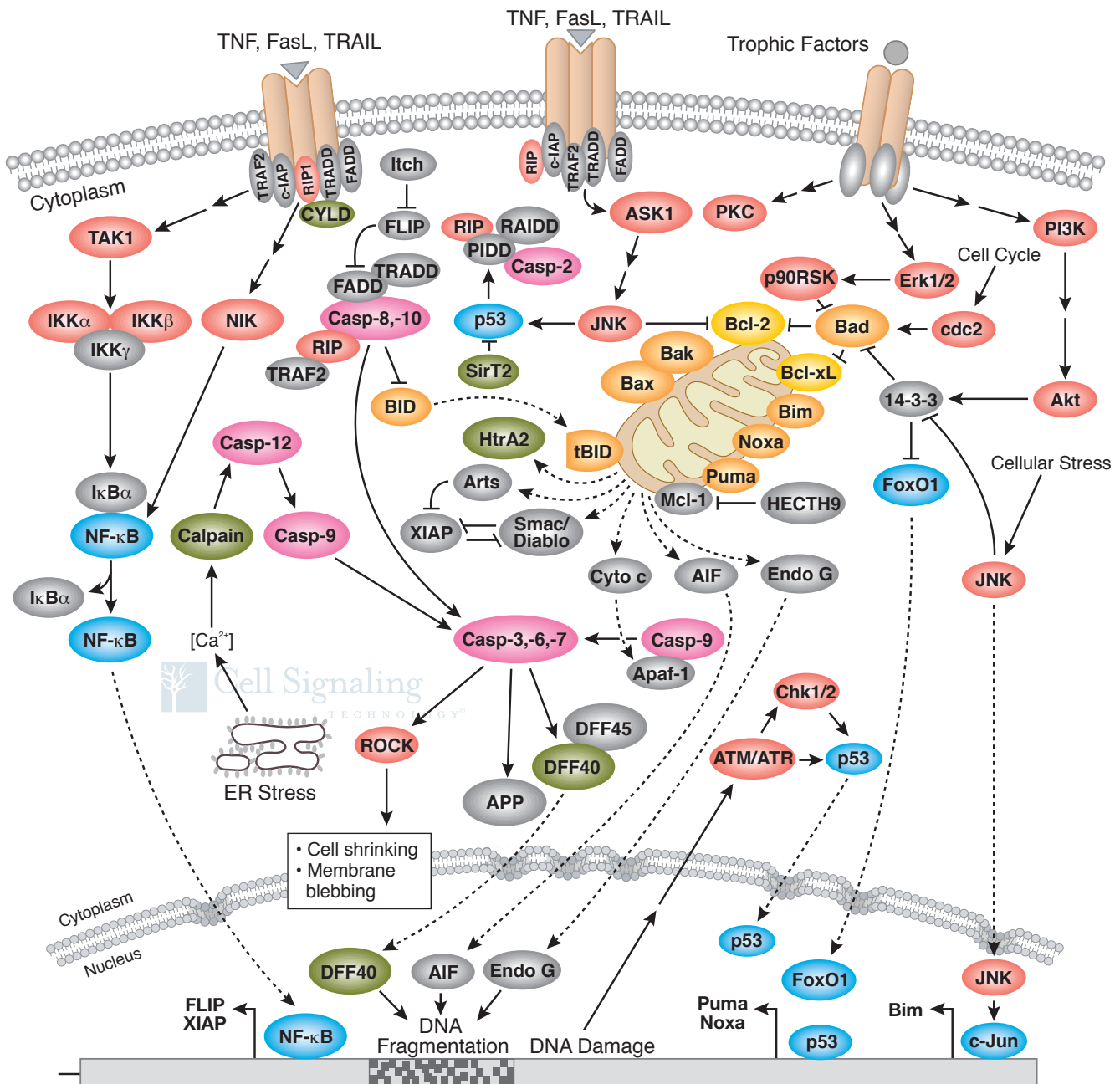


# Regulation of Apoptosis Overview



Pathway Diagram Keys

|                      |               |                   |                                    |   |  |
|----------------------|---------------|-------------------|------------------------------------|---|--|
| Kinase               | Enzyme        | G-protein         | Direct Inhibitory Modification     | Tentative Inhibitory Modification           | Translocation                            |
| Phosphatase          | pro-apoptotic | Acetylase         | Multistep Stimulatory Modification | Separation of Subunits or Cleavage Products | Transcriptional Stimulatory Modification |
| Transcription Factor | pro-survival  | Deacetylase       | Multistep Inhibitory Modification  | Joining of Subunits                         | Transcriptional Inhibitory Modification  |
| Caspase              | GAP/GEF       | Ribosomal subunit | Direct Stimulatory Modification    |   |  |
| Receptor             | GTPase        |                   | Tentative Stimulatory Modification |   |  |