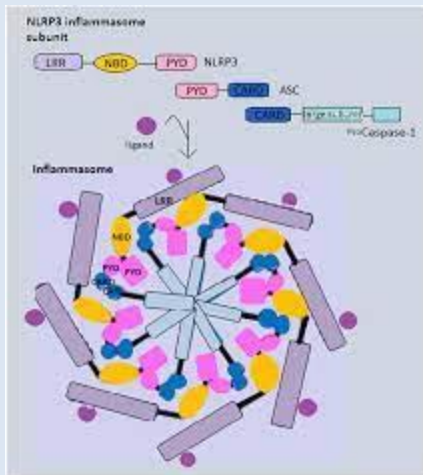


miRNAs: Role of Post-Transcriptional Regulation of NLRP3 Inflammasomes in The Treatment of Neurodegenerative Disorders

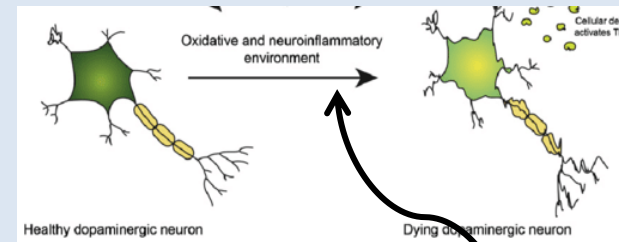
Inflammasome

Inflammasomes are multiprotein complexes consist of having nucleotide binding domain and leucine rich repeat with the pyrin and HIN domain family.

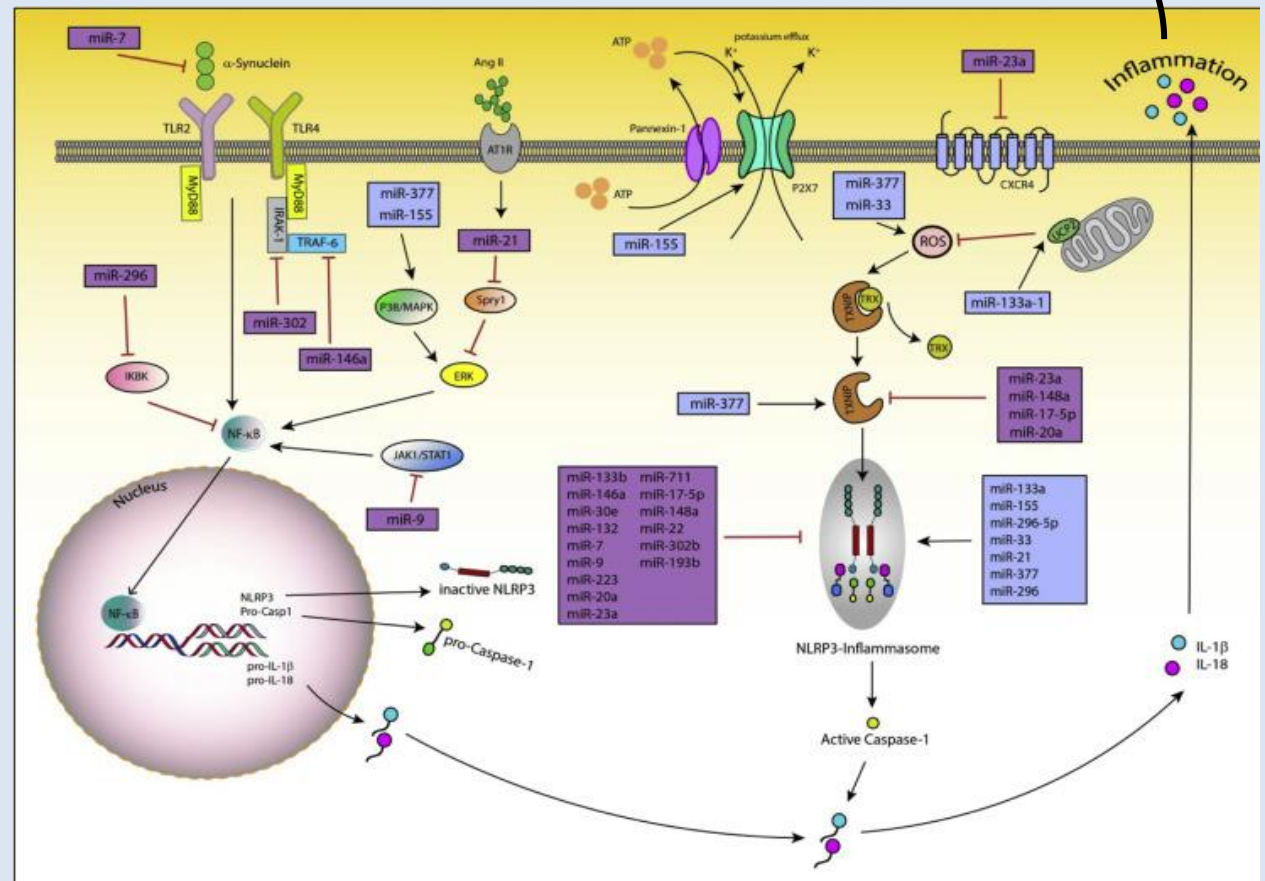


NLRP3 inflammasome activation

It is activated upon sensing microbes or danger associated molecular pattern (Toll Like Receptor). NLRP3 inflammasome activation require internal stimuli such as ATP, toxins postassium efflux and reactive oxygen species (Cicolari, S., et al., 2021)



Role of miRNA in inflammation



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