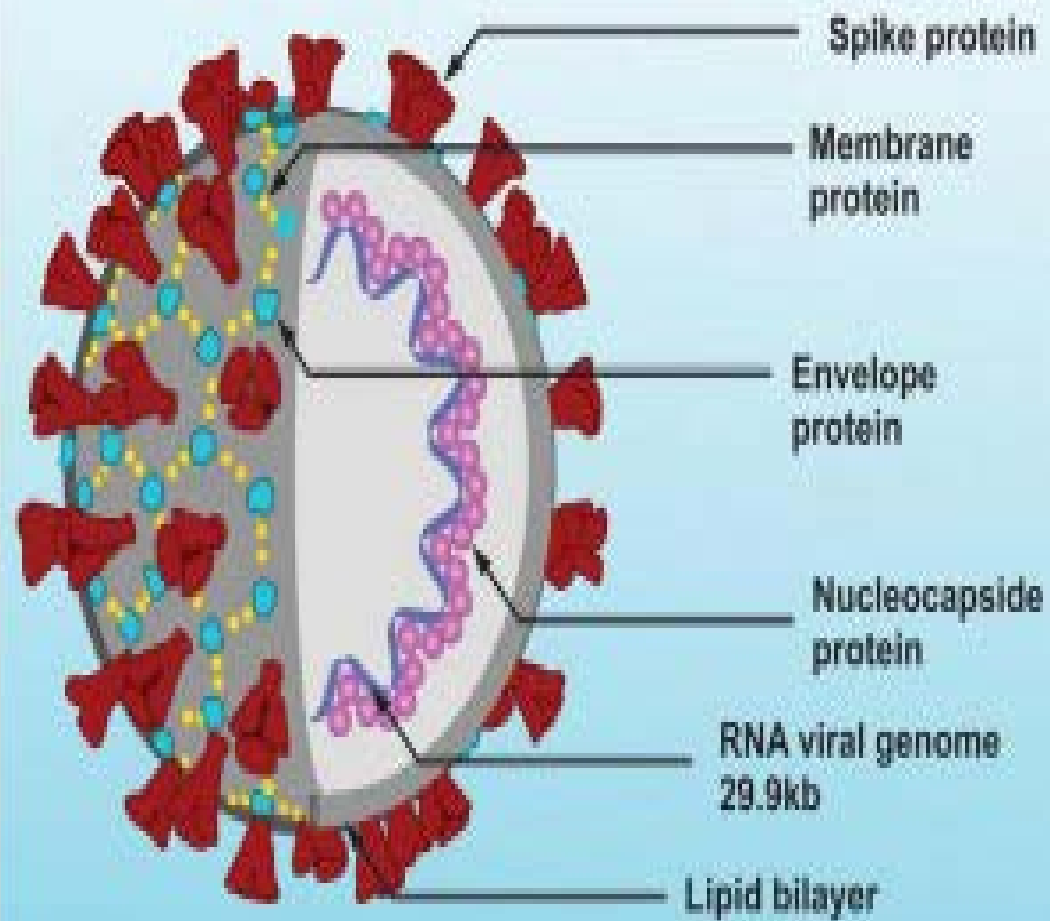
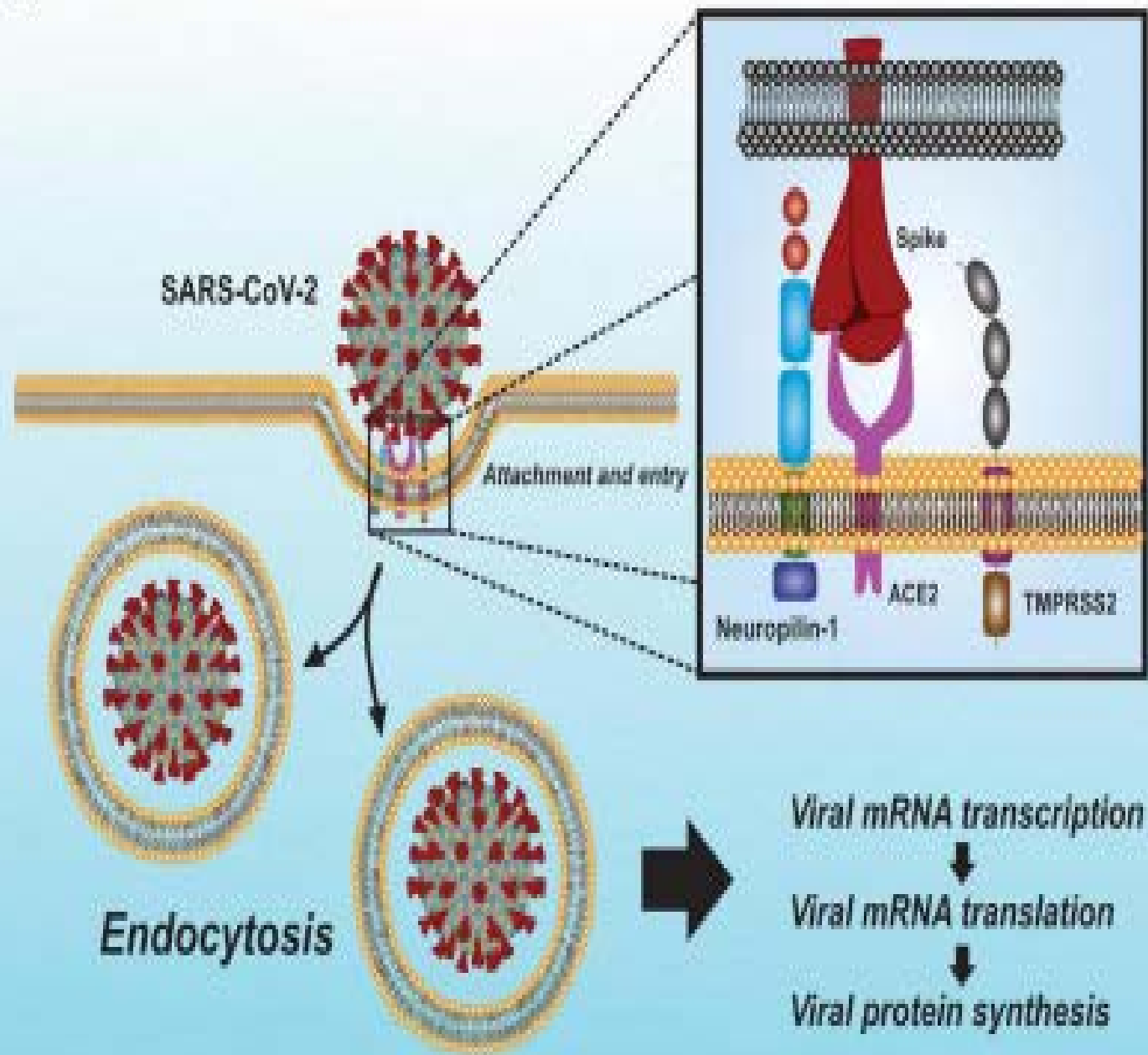
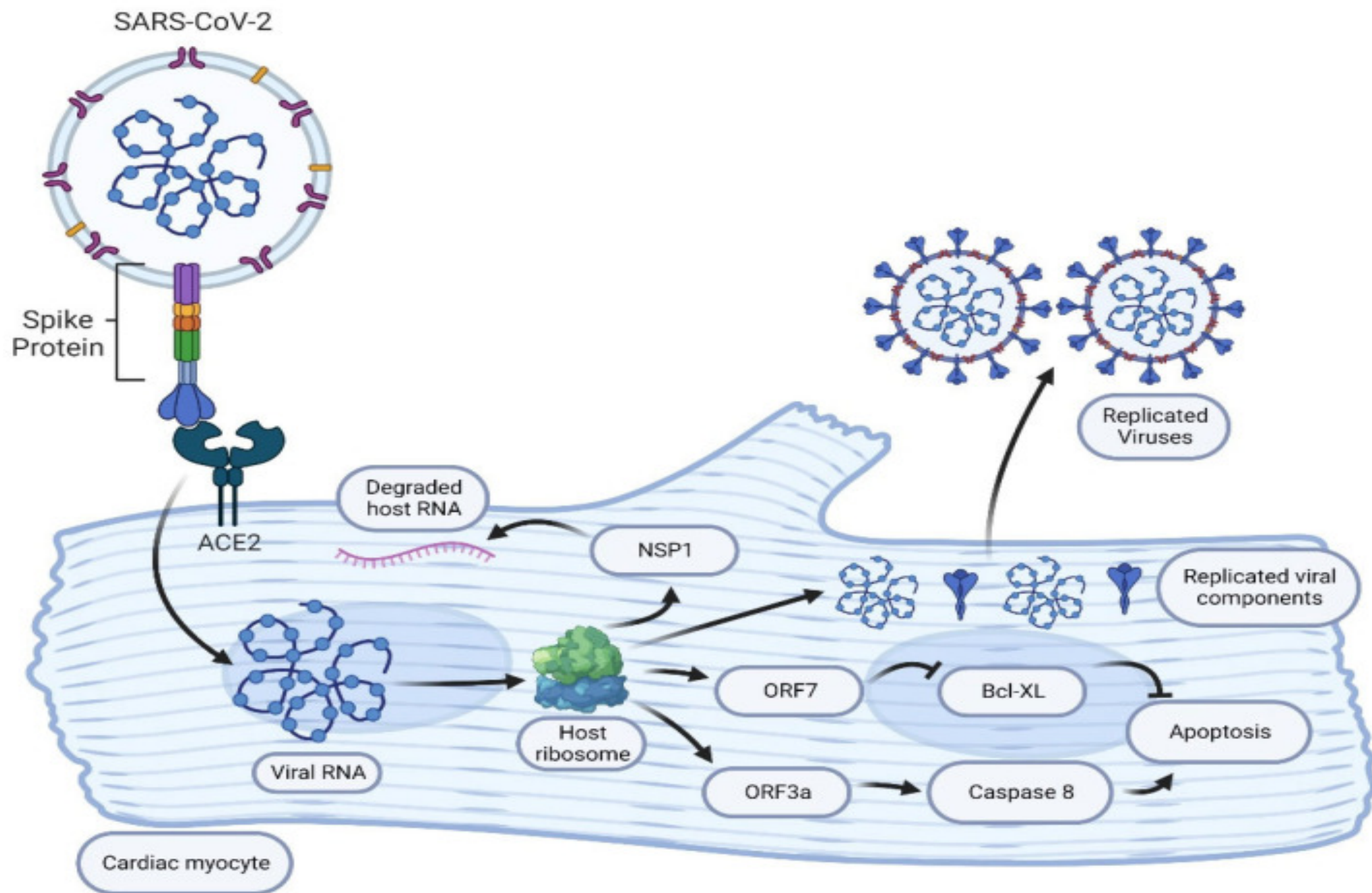
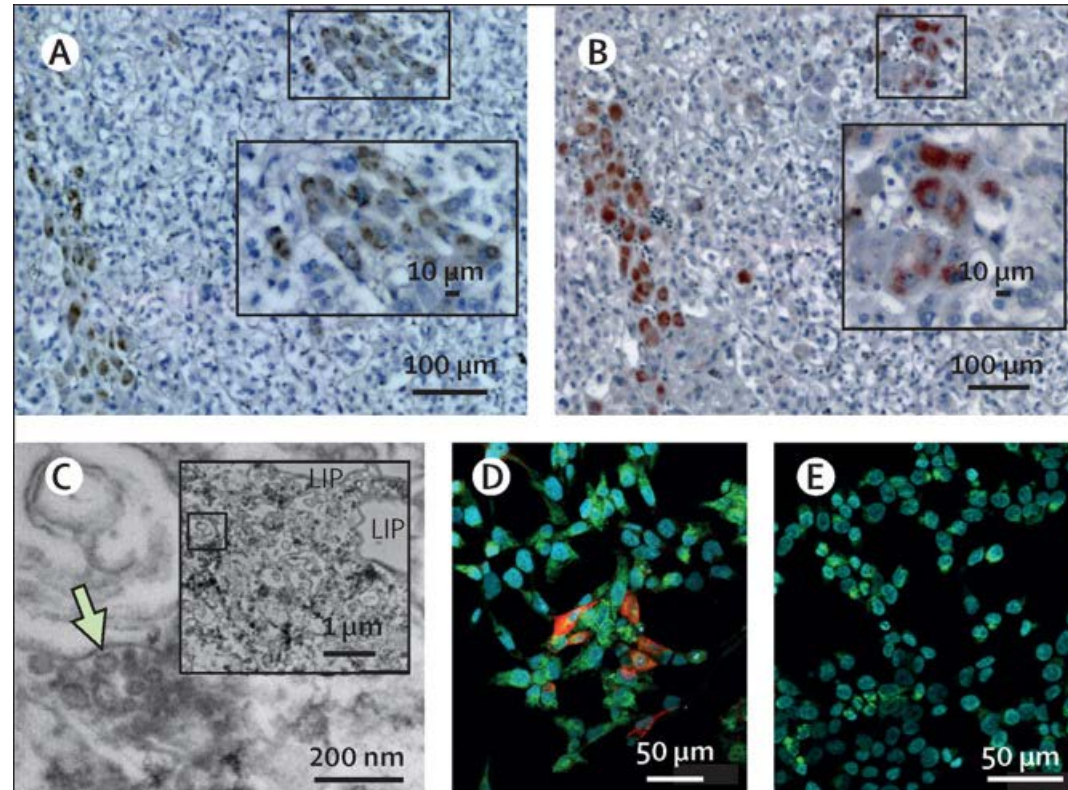


A**B**

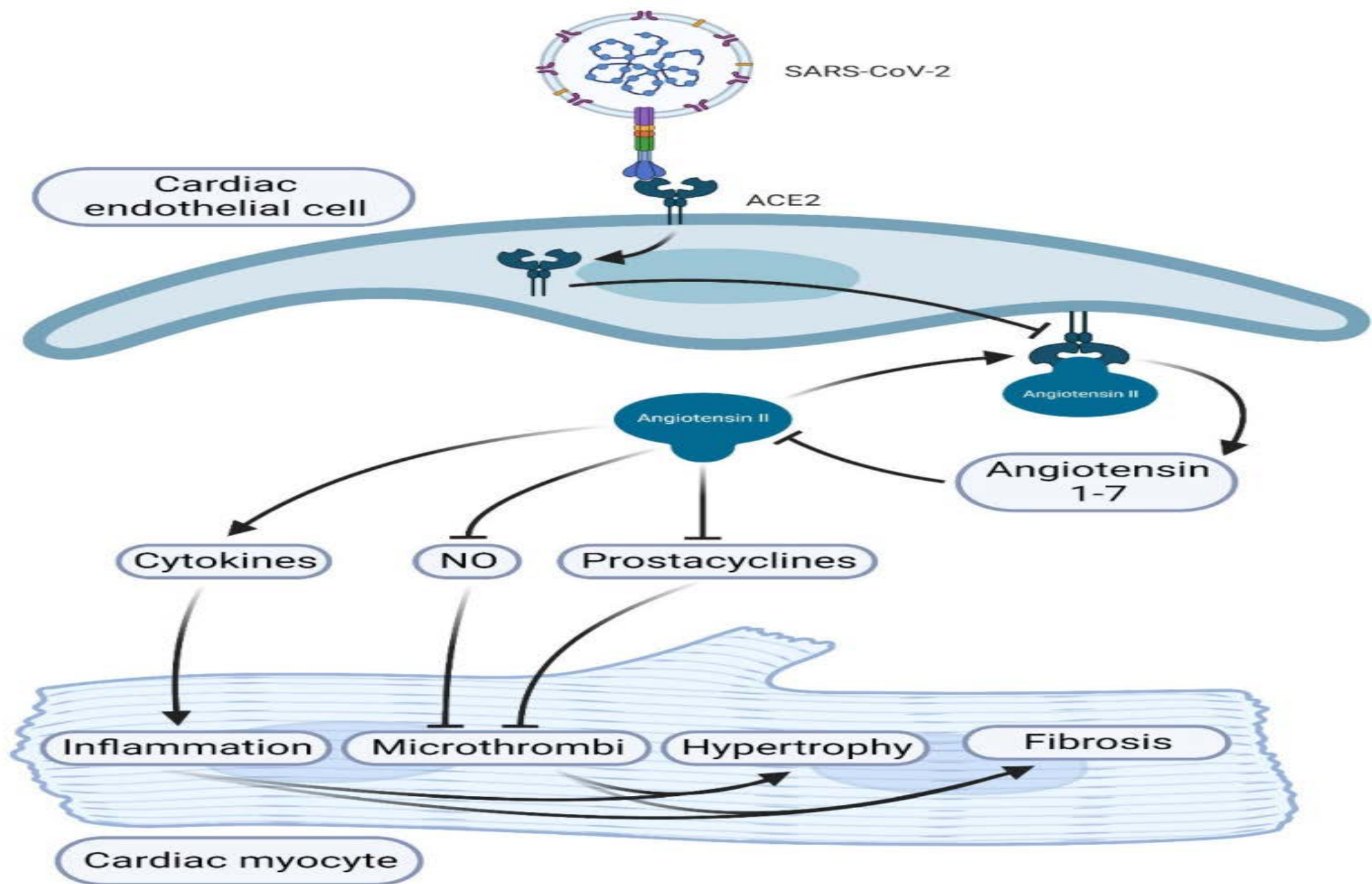
DANNO DIRETTO DA COVID



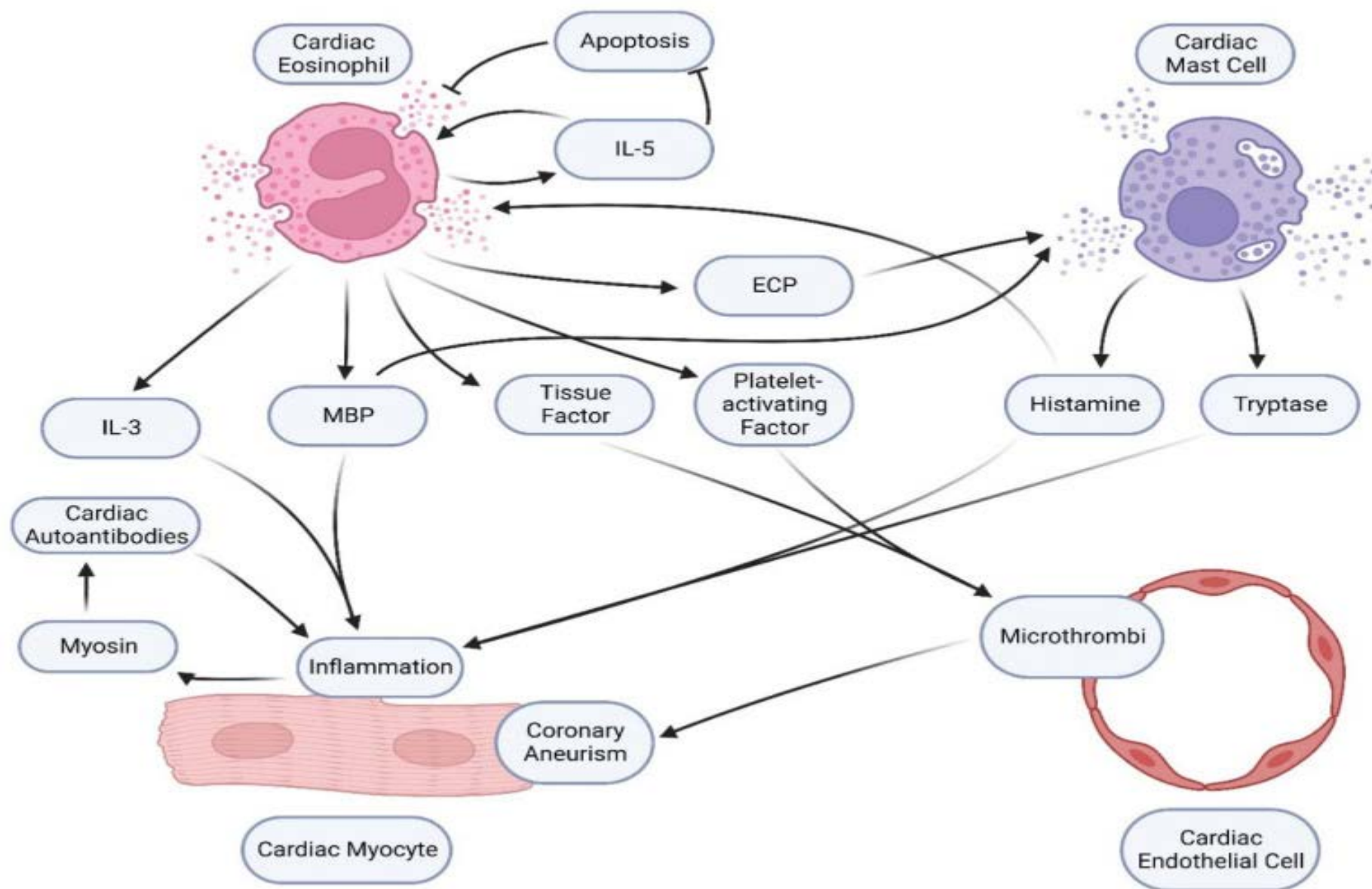
ISTOLOGIA DEL COVID NELLE SURRENALI



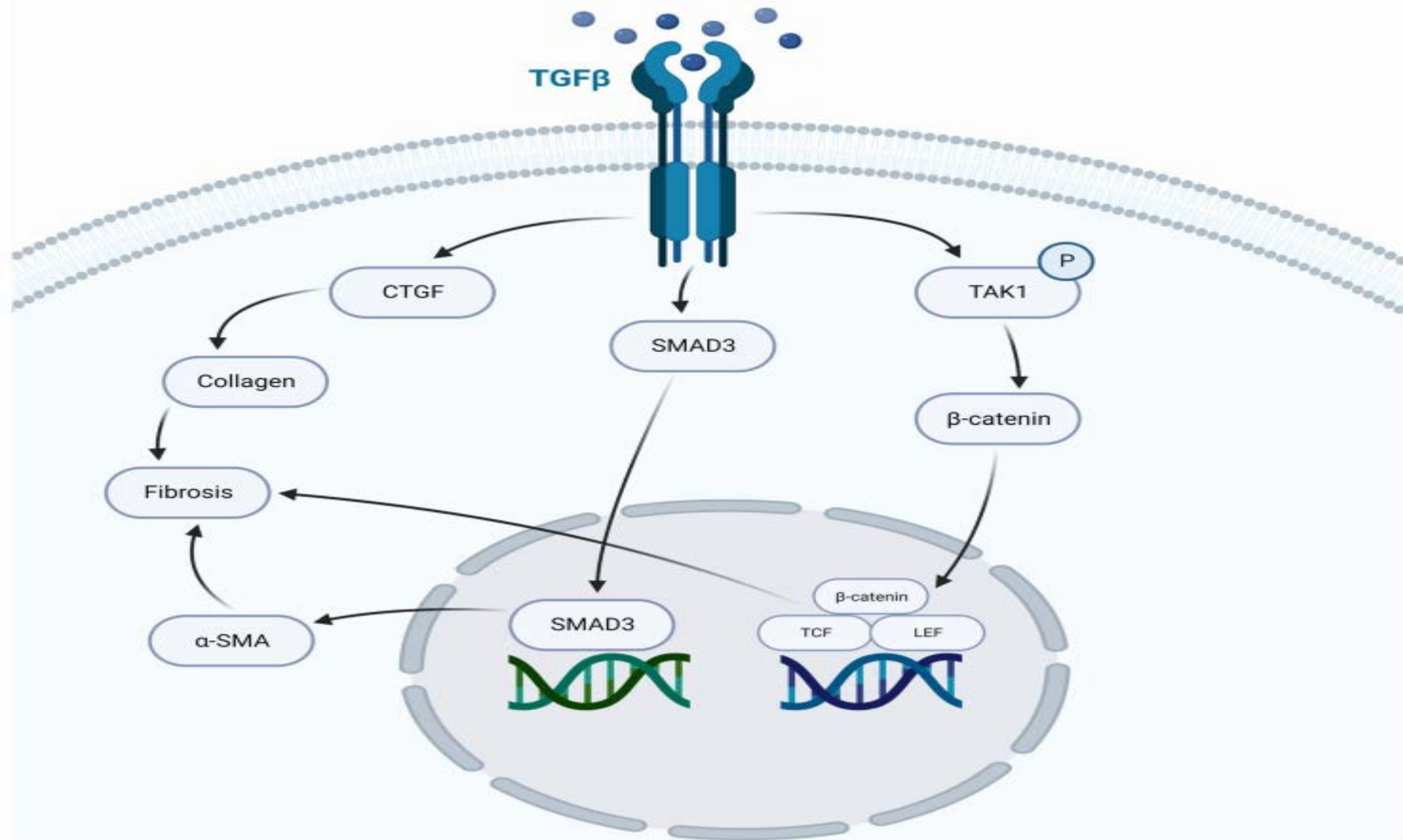
DANNO INDIRETTO CARDIACO DA COVID



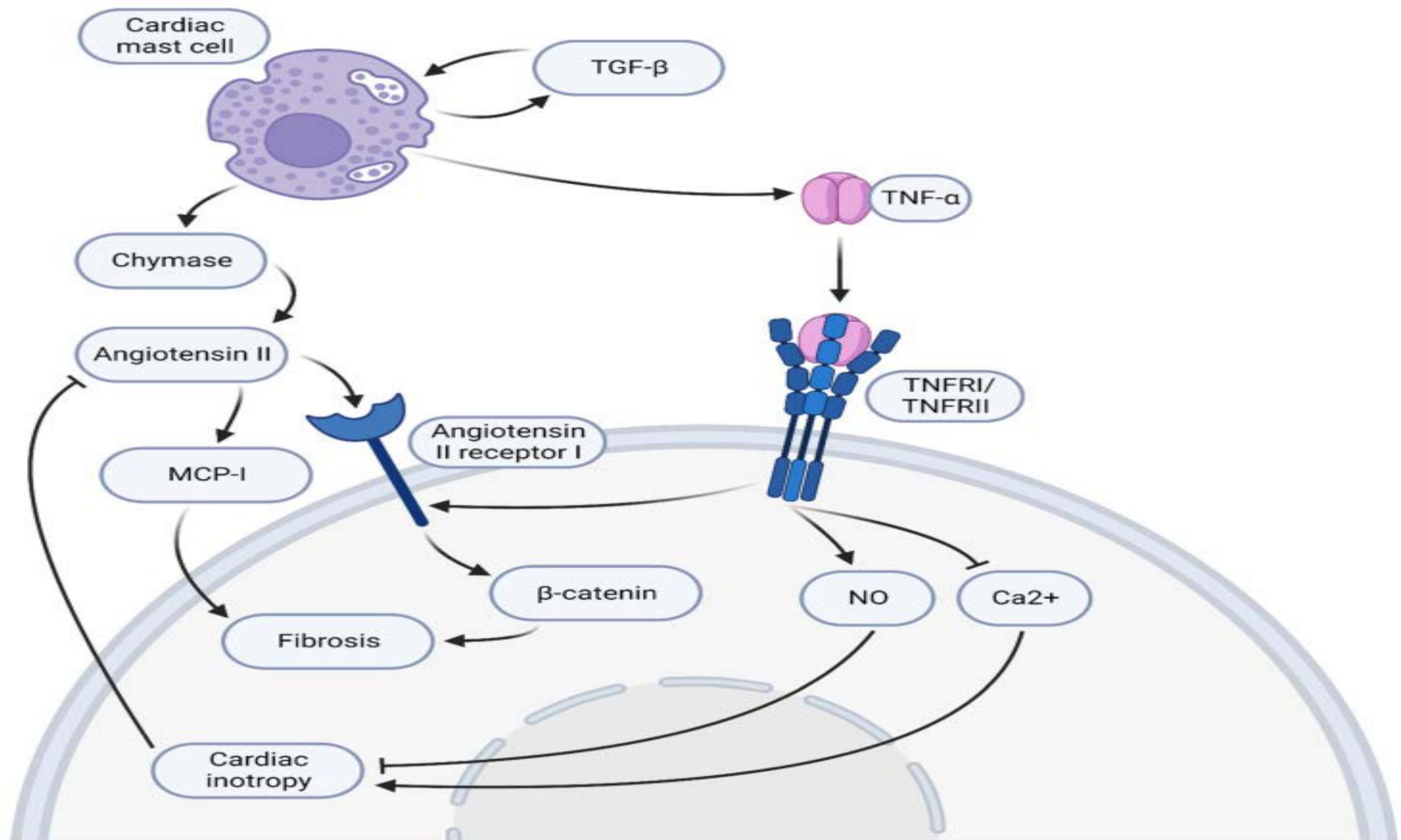
VIE DI DANNO CARDIACO DA MIOCARDITE EOSINOFILA



VIE DEL TGF BETA NELLA FIBROSI CARDIACA



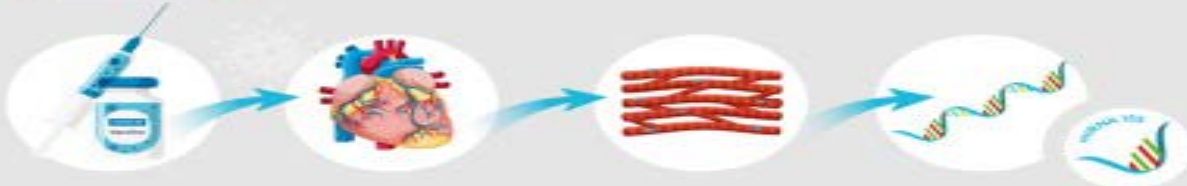
VIA DI DANNO MEDIATO DA TNF



Ruolo dei microrna

THE POTENTIAL ROLE OF MICRO RNAs IN mRNA VACCINES' MYOCARDITIS

mRNA



mRNA vaccines might interact with human cellular machinery to upregulate certain micro RNAs, notably miRNA 155 which causes myocarditis



Diagnostic implications

Screening for certain miRNA such as 155 before receiving mRNA vaccines might help to determine who is at high likelihood of this complication



Therapeutic Implications

Recipients who develop this complication might benefit from inhibitory therapy to implicated micro RNA such as anti sense miRNA 155 or pirfenidone or helicase inhibitors.

Why are most cases below the age of 50?

Due to loss of muscle mass after age of 50 with subsequent reduction of key micro RNAs such as 155 being highly expressed in muscles



micro RNA 155



Sarcopenia Index can be used to stratify recipients of mRNA vaccine -The lower the index the lower the muscle mass, the lower the likelihood of myocarditis from mRNA vaccines.



Sarcopenia

