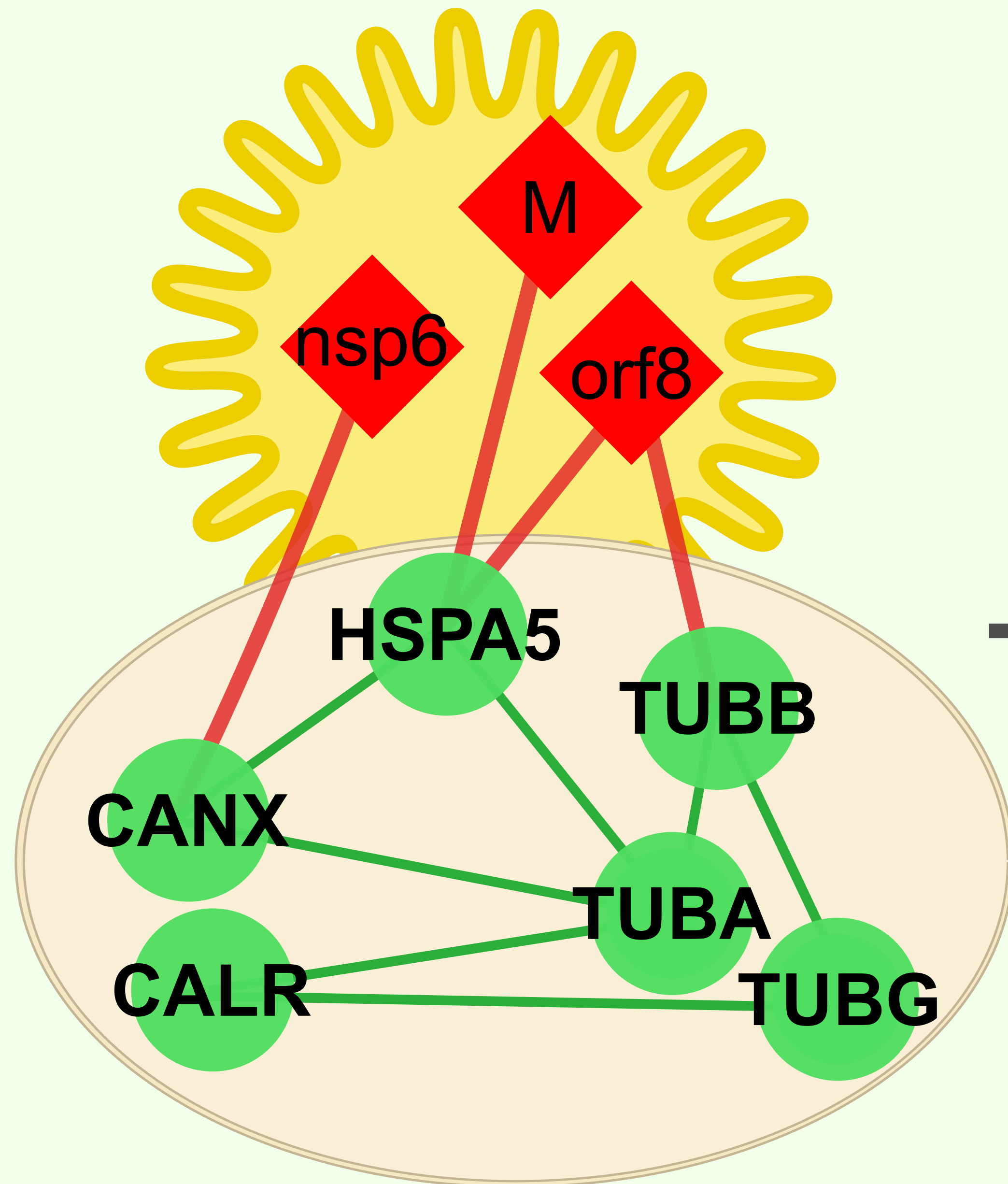


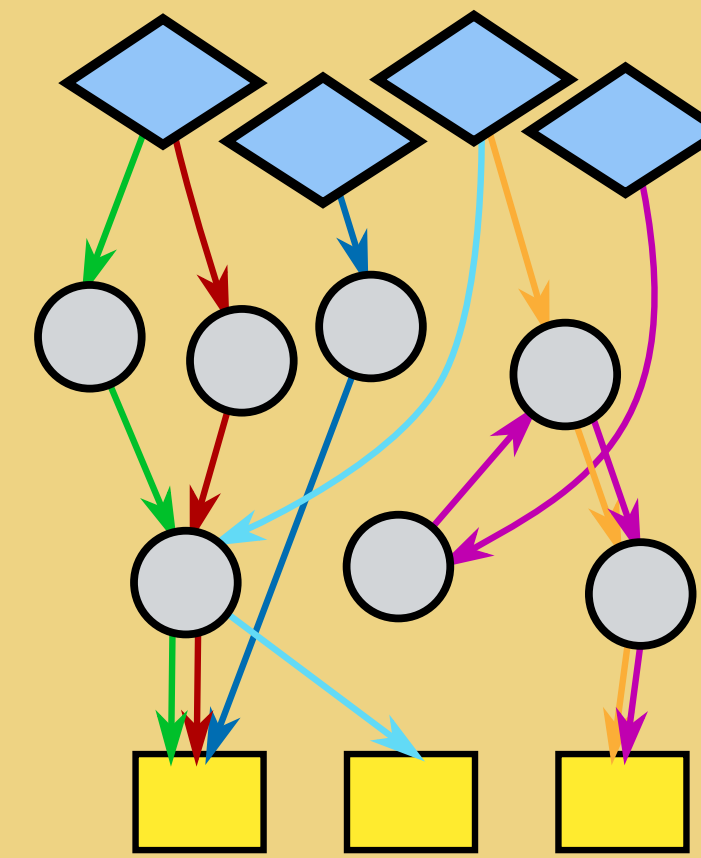
SARS-CoV-2 proteins

Predictions



Human protein network

Machine learning and network biology



Integration with FDA-approved drugs



1,000+ human proteins interact with SARS-CoV-2
>30% validated by experiments

New protein (HSPA5) for virus attachment and entry

S protein exploits host N-linked glycosylation

Mechanisms for abnormal blood coagulation

Virus may use micotubules to infect multiple organs