**Macroepidemics and Unconventional Monetary Policy: Coupling Macroeconomics and Epidemiology in a Financial DSGE-SIR Framework. Verónica Acurio Vásconez, Olivier Damette, David W. Shanafelt (2021)**

The model develops a NK-DSGE Model featuring a financial sector with information asymmetries and an epidemic block of infection dynamic.

The model includes sticky price and financial friction features a deterministic, permanent shock to the labor supply through the number of infected individuals. There is a closed and constant population, normalized to one, consisting of susceptible, infected, and recovered individuals. Susceptible individuals make contact with infected ones and get infected themselves with a constant infection rate. The paper wants to study:1) the economic impact of the epidemic in the model with financial frictions,2) the effect of unconventional monetary policy to remedy the pandemic crisis.