A) A network diagram showing the interactions of TNF, IL-1, IL-6, IKK, NF-kB, IkBa, IkBe, A20, and Cesanne.

B) Equations for the infection model:

\[ \frac{dN}{dt} = k_a \frac{T^3}{T^3 + 1} (1 - N) - k_{ai} R \]  

\[ \frac{dR}{dt} = k_b N - k_{bi} R \]  

\[ \frac{dT}{dt} = S + p \frac{N^2}{N^2 + K_N^2} - \frac{T}{\tau_T} \]  

C) Graph showing the change in R over time [h].

D) Graph showing the change in T over time [h].

E) Time series graphs showing the infection and spread over time for cell 0, cell 1, and cell 2.

F) Heatmap showing the spread of T over space [mm] and time [h].

G) Snapshots at t=1 h, t=5 h, t=7 h, and t=11 h showing the spread of T over space [mm].