**Molecular Level**

- IL-6
- IL-6R
- GP-130
- Signaling

**Cellular-Tissue Level**

- TC-Secreted IL-6
- IL-6-Mediated Self-renewal
- Asymmetric Division
- IL-6-Mediated Death
- Differentiation
- IL-6-Mediated Death

Mathematical Expressions:

- $\rho(S + E + D)$
- $\varphi_S, \varphi_E, \varphi_D$