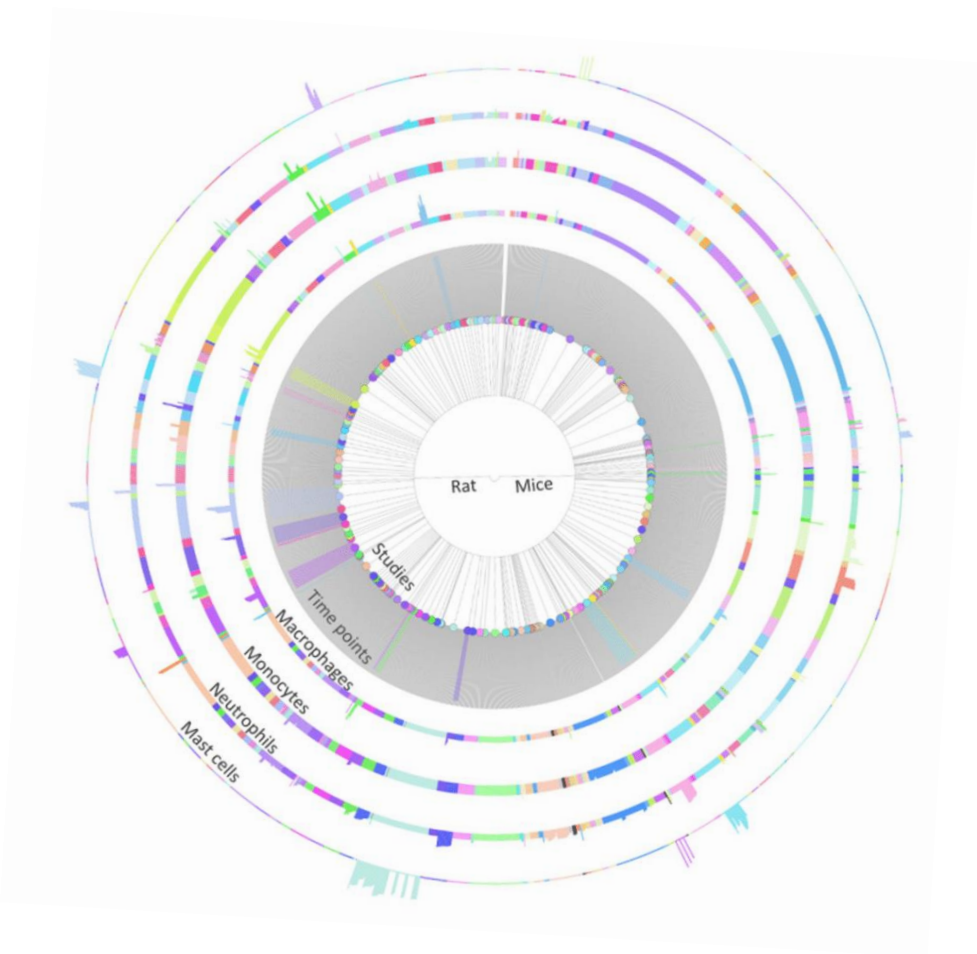
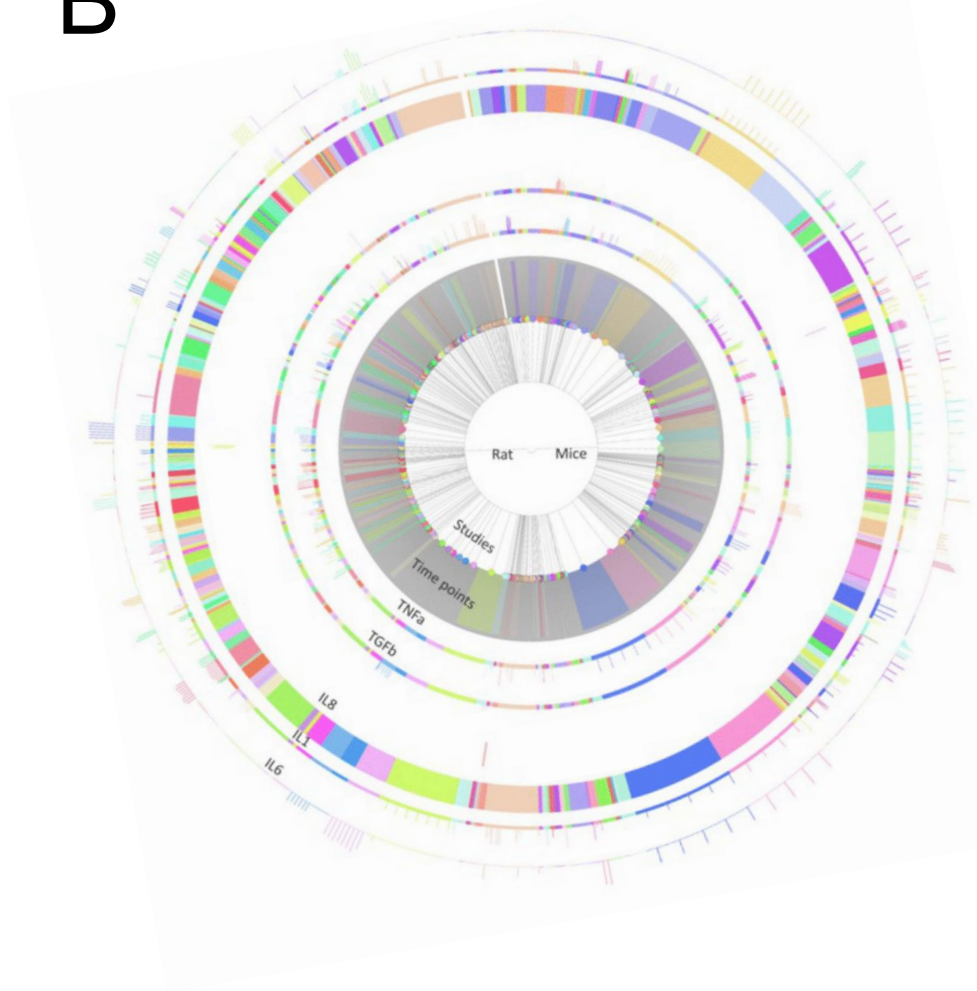
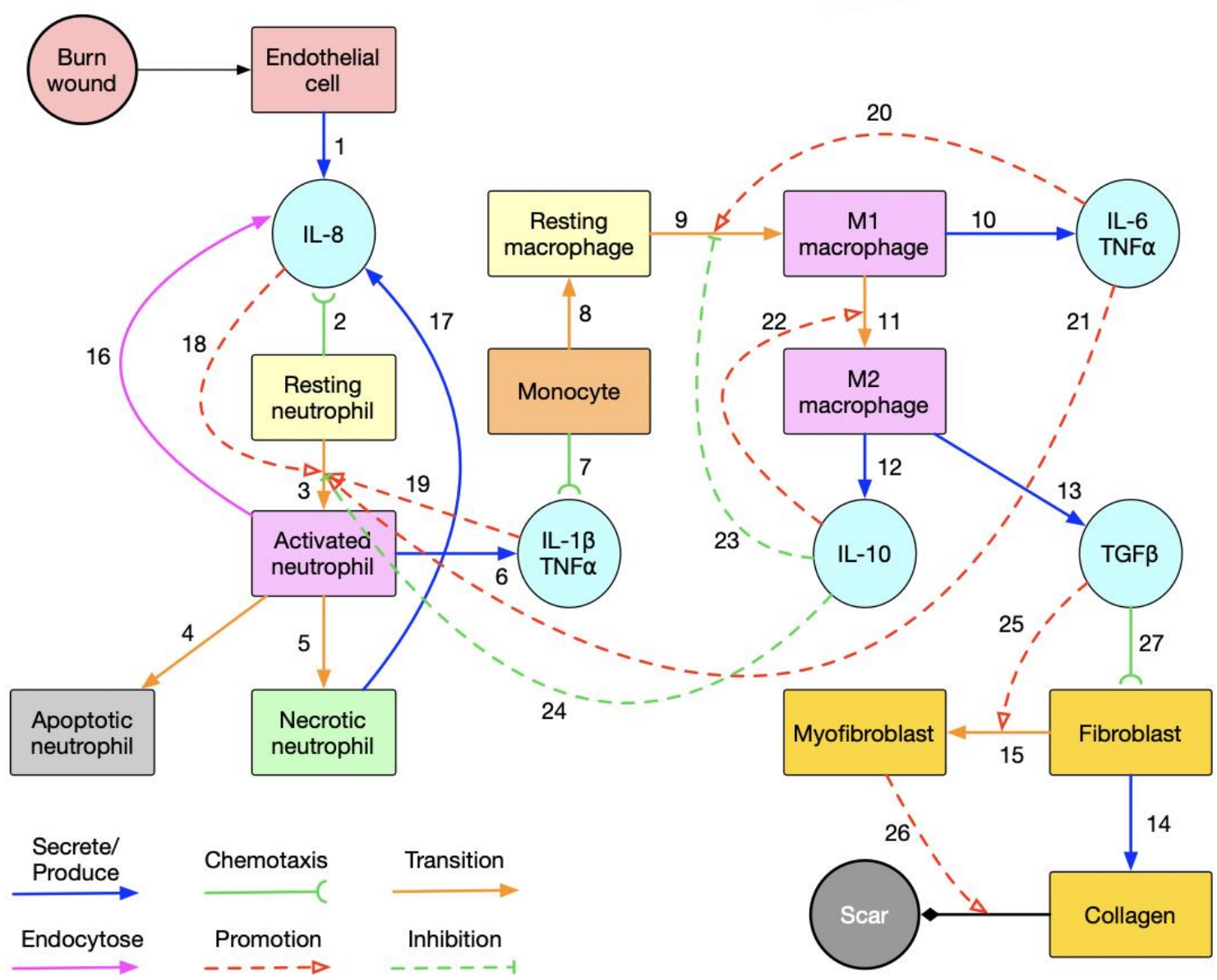
A


Rat
Mice
Studies
Time points
Macrophages
Monocytes
Neutrophils
Mast cells

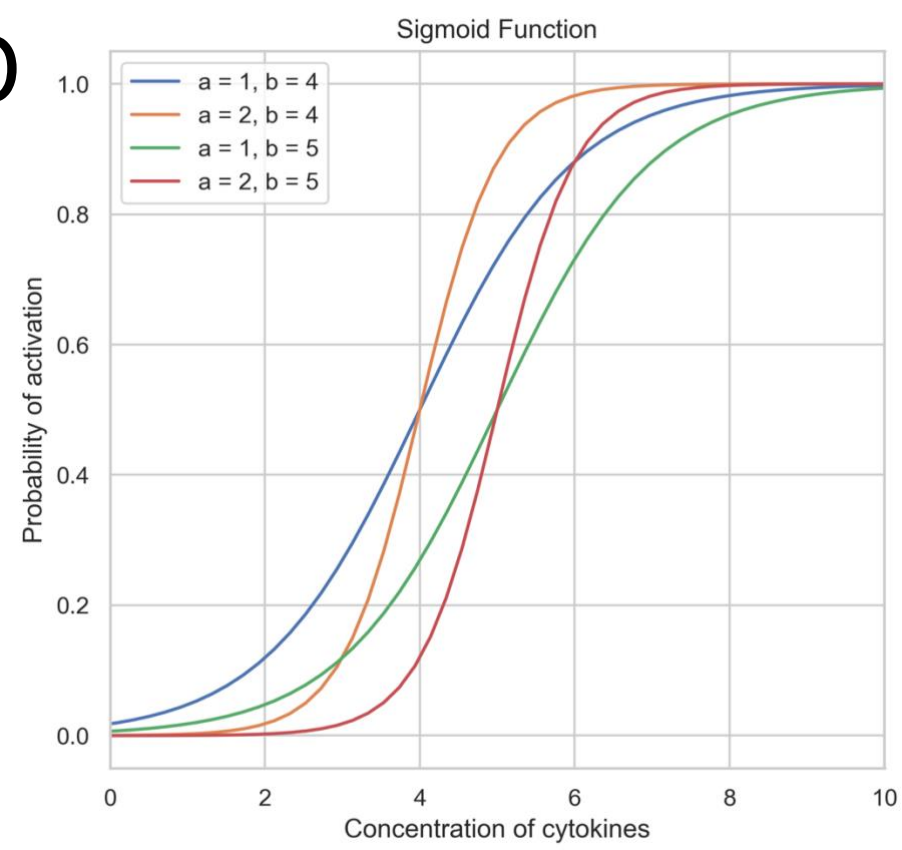
B


Rat
Mice
Studies
Time points
TNFa
TGFb
IL8
IL1
IL6

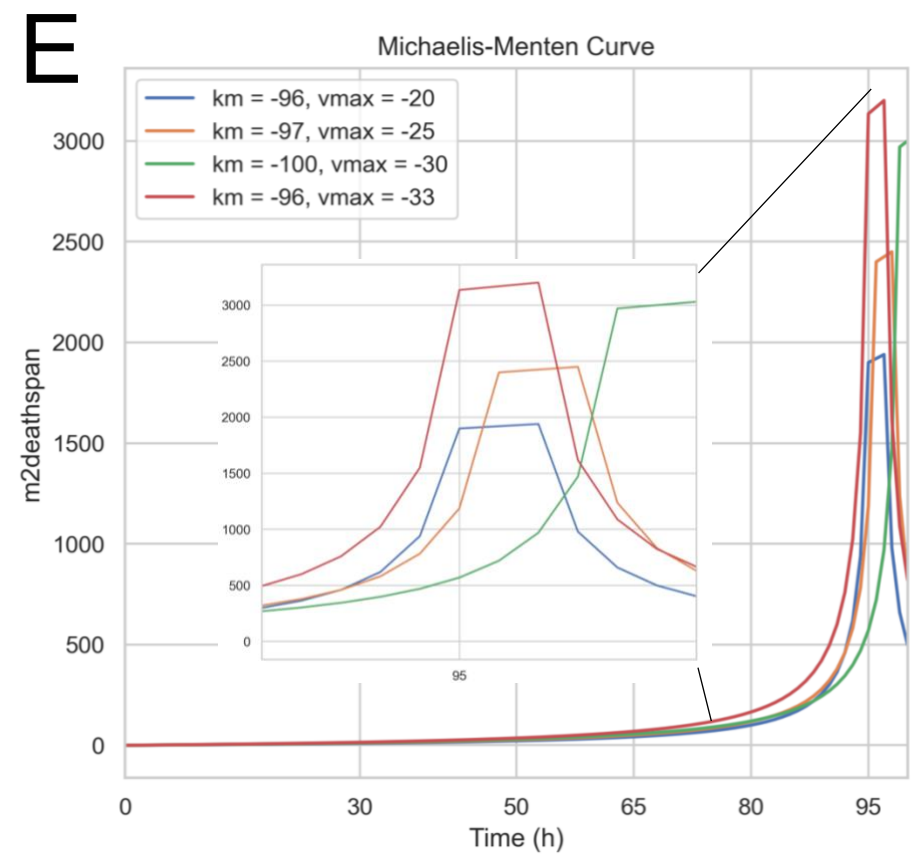
C


Burn wound
Endothelial cell
IL-8
Resting macrophage
M1 macrophage
IL-6 TNFα
Resting neutrophil
Monocyte
M2 macrophage
Activated neutrophil
IL-1β TNFα
IL-10
TGFβ
Apoptotic neutrophil
Necrotic neutrophil
Myofibroblast
Fibroblast
Scar
Collagen
Secrete/ Produce
Chemotaxis
Transition
Endocytose
Promotion
Inhibition

D


Sigmoid Function
a = 1, b = 4
a = 2, b = 4
a = 1, b = 5
a = 2, b = 5
Probability of activation
Concentration of cytokines

E


Michaelis-Menten Curve
km = -96, vmax = -20
km = -97, vmax = -25
km = -100, vmax = -30
km = -96, vmax = -33
m2deathspan
Time (h)