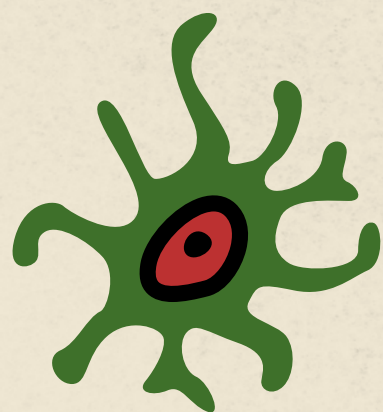


# RheuMuseum



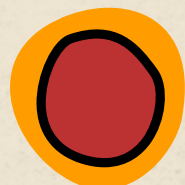
Myeloid/APC  
(eg, dendritic cells)



Macrophage



Adaptive lymphocytes  
(eg, Th17 cells)



Innate lymphocytes  
(eg, MAIT / $\gamma\delta$  T cells)



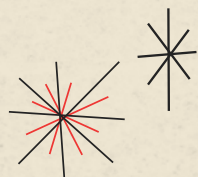
TNF



TGF



Bone with inflammation



Inflammation



Indicates directional flow



IL-23



P19 P40



IL-12



P35 P40



IL-1 $\beta$



IL-18



IL-17A/A



IL-17F/F



ILC/MAIT/ $\gamma$  T cell activation  
**IL-7**



Amplifies Th17 recruitment  
**CCL20**



IL-22



Granulocytes  
cytokines,  
chemokines



Th1



Th17



Th22



Enhance T cell priming



Naïve T cells



Tc17



$\gamma\delta$ T



ILC3



Resident T cells



CD8 + T cells



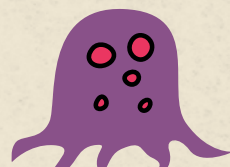
Treg cells



Autoreactive T cells



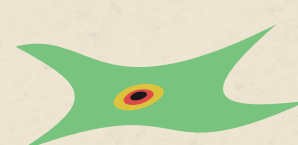
Endothelial cells



Osteoclasts



Osteoblasts



Fibroblasts



Pericytes



Receptors



STATs



JAKs



TYK2



PDE4



cAMP



AMP



B cells



B cells



B cells



B cells



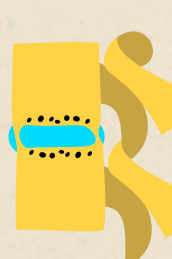
Monocytes



Chondrocytes



Mesenchymal stem cells



Spine