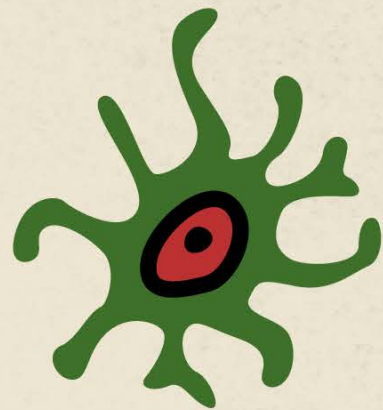


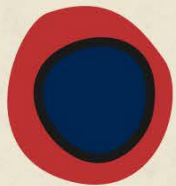
RheuMuseum



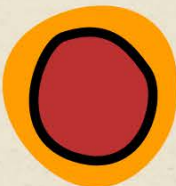
Myeloid/APC
(eg, dendritic cells)



Macrophage



Adaptive
lymphocytes
(eg, Th17 cells)



Innate lymphocytes
(eg, MAIT /yδ T cells)



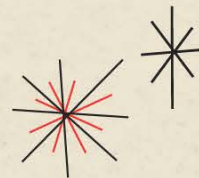
TNF



TGF



Bone with
inflammation



Inflammation



Indicates directional flow



IL-23



P19 P40



IL-12



P35 P40



IL-1β



IL-18



IL-17A/A



IL-17F/F



ILC/MAIT/y 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



yδT



ILC3



Resident T cells



CD8 + T cells



Treg cells



Autoreactive T cells



Endothelial cells



Osteoclasts



Osteoblasts



Fibroblasts



Pericytes



Receptors



STATs



JAKs



TYK2



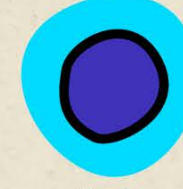
PDE4



cAMP



AMP



B cells



Monocytes



Chondrocytes



Mesenchymal stem cells



Spine