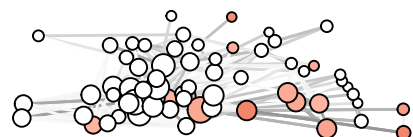
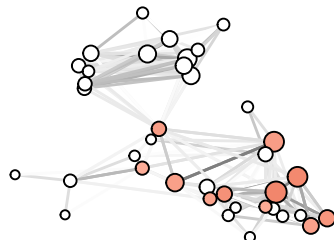


# ARTHRITIS

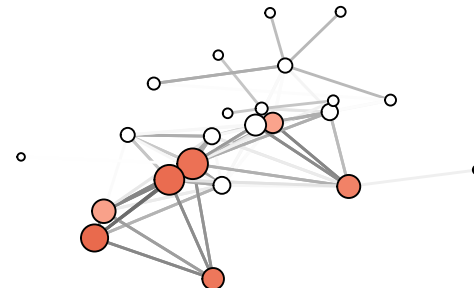
Cell fate: apoptosis, senescence, differentiation



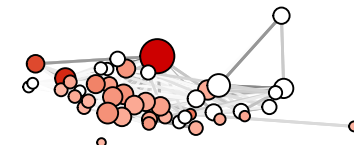
Extracellular matrix organization, coagulation and lipoprotein metabolism



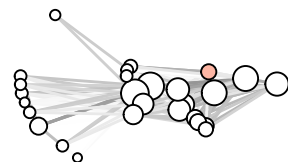
GPCR signaling: Wnt, metabotropic receptors, cytokine receptors



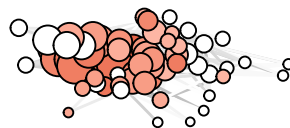
Interferon stimulated genes: interleukins and antigen presentation



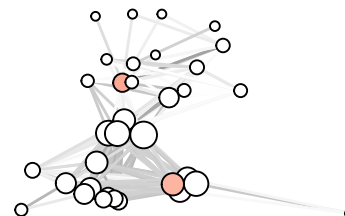
Neurotransmission



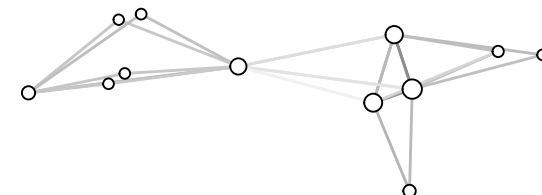
NFkB mediated inflammation induced by TLRs, TCRs and BCRs



NOTCH and FOXO mediated gene expression



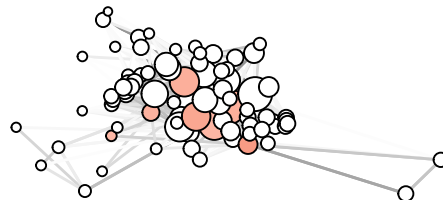
Response against viruses via TGF- $\beta$ -SMAD signaling



Response to stress: autophagy, mitophagy, heatshock response



Signal transduction upon growth factor stimulation



Unfolded protein response (UPR)

