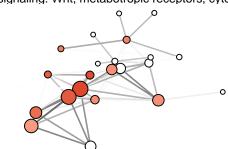
Cell fate: apoptosis, senesence, differentiation

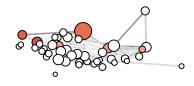
Extracellular matrix organization, coagulation and lipoprotein metabolism

NFkB mediated inflammation induced by TLRs, TCRs and BCRs

GPCR signaling: Wnt, metabotropic receptors, cytokine receptors

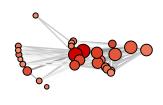






Response against viruses via TGF-SMAD signaling

Interferon stimulated genes: interleukins and antigen presentation



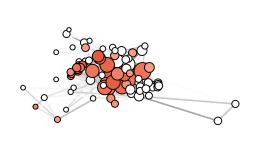
Response to stress: autophagy, mitophagy, heatshock response

Neurotransmission





Signal transduction upon growth factor stimulation





Unfolded protein response (UPR)

