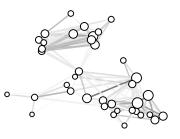
Cell fate: apoptosis, senesence, differentiation

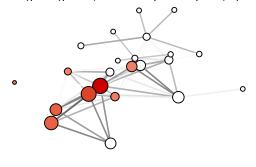
Extracellular matrix organization, coagulation and lipoprotein metabolism

GPCR signaling: Wnt, metabotropic receptors, cytokine receptors









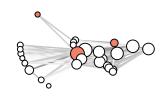


Neurotransmission

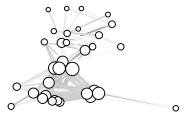
NFkB mediated inflammation induced by TLRs, TCRs and BCRs

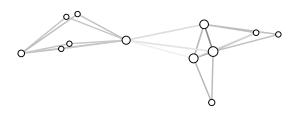
NOTCH and FOXO mediated gene expression

Response against viruses via TGF-SMAD signaling









Response to stress: autophagy, mitophagy, heatshock response

Signal transduction upon growth factor stimulation

Unfolded protein response (UPR)



