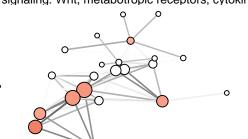
Cell fate: apoptosis, senesence, differentiation

Neurotransmission

Response to stress: autophagy, mitophagy, heatshock response

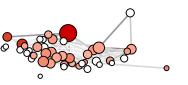
Extracellular matrix organization, coagulation and lipoprotein metabolism

GPCR signaling: Wnt, metabotropic receptors, cytokine receptors

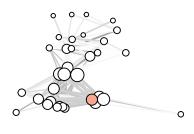


NOTCH and FOXO mediated gene expression

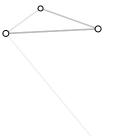
Interferon stimulated genes: interleukins and antigen presentation

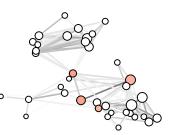


Response against viruses via TGF-SMAD signaling

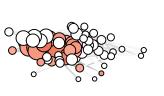






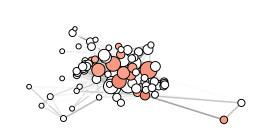


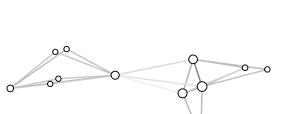
NFkB mediated inflammation induced by TLRs, TCRs and BCRs



Signal transduction upon growth factor stimulation







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