Signaling by Receptor Tyrosine Kinases



Fcgamma receptor (FCGR) dependent phagocytosis

Regulation of actin dynamics for phagocytic cup formation

Signaling by Rho GTPases

Cell-Cell communication

G alpha (12/13) signalling events

NRAGE signals death through JNK

Muscle contraction

Rho GTPase cycle

Semaphorin interactions

PI Metabolism

Phospholipid metabolism

Neurexins and neuroligins

Cell death signalling via NRAGE, NRIF and NADE Trafficking of AMPA receptors

Diseases of signal transductionsmission across Chemical Synapses

Ion channel transport Platelet homeostasis

Neurotransmitter receptors and postsynaptic signal transmission

Glutamate binding, activation of AMPA receptors and synaptic plasticity

Protein-protein interactions at synapses

Nitric oxide stimulates quanylate cyclase

MET promotes cell motility

SUMO E3 ligases SUMOylate target proteins

Laminin interactions

L1CAM interactions

Netrin-1 signaling

Neuronal System

size

100

200

0.0025

0.0050

0.0075

0.0100

p.adjust