Cross-presentation of particulate exogenous antigens (phagosomes) Interleukin-1 signaling Collagen formation Assembly of collagen fibrils and other multimeric structures RHO GTPases Activate NADPH Oxidases Non-integrin membrane-ECM interactions Collagen degradation Antigen processing–Cross presentation Interleukin-1 family signaling Collagen biosynthesis and modifying enzymes Hemostasi C-type lectin receptors (CLRs) Degradation of the extracellular matrix Signaling by Interleukins Integrin cell surface interactions ECM proteoglycans Response to elevated platelet cytosolic Ca2+ Class A/1 (Rhodopsin-like receptors) Ion homeostasis Collagen chain trimerization Cytokine Signaling in Immune system Extracellular matrix organization Cell surface interactions at the vascular wall pvalue Platelet degranulation Muscle contraction Chemokine receptors bind chemokines 0.00015 Platelet activation, signaling and aggregation 0.00020 Striated Muscle Contraction G alpha (i) signalling events 0.00025 0.00030 SUMOylation of DNA damage response and repair proteins size Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs) Cardiac conduction Regulation of TLR by endogenous ligand 120 Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell Neutrophil degranulation HDR through Homologous Recombination (HRR) SIRT1 negatively regulates rRNA expression Regulation of Complement cascade Negative epigenetic regulation of rRNA expression Depurination Assembly of the pre-replicative complex Base-Excision Repair, AP Site Formation Toll-like Receptor Cascades Nucleosome assembly RNA Polymerase I Promoter Opening Presynaptic phase of homologous DNA pairing and strand exchange Packaging Of Telomere Ends Homologous DNA Pairing and Strand Exchange Negative regulation of the PI3K/AKT network Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 Complement cascade Deposition of new CENPA-containing nucleosomes at the centromere Cleavage of the damaged purine Nonhomologous End-Joining (NHEJ) HDR through Single Strand Annealing (SSA) NoRC negatively regulates rRNA expression Condensation of Prophase Chromosomes Recognition and association of DNA glycosylase with site containing an affected purine

