luteinizing hormone secretion cellular defense response intermediate filament-based process response to interferon-gamma intermediate filament cytoskeleton organization neutrophil mediated immunity cell-cell adhesion via plasma-membrane adhesion molecules divalent inorganic cation homeostasis regulation of system process humoral immune response muscle system process antimicrobial humoral immune response mediated by antimicrobial peptide cellular divalent inorganic cation homeostasis -action potential antimicrobial humoral response circulatory system process size response to bacterium regulation of endopeptidase activity 25 positive regulation of chemotaxis 50 negative regulation of hydrolase activity positive regulation of leukocyte chemotaxis regulation of signaling receptor activity 75 positive regulation of defense responsesitive regulation of response to external stimulus negative regulation of peptidase activity p.adjust chemokine-mediated signaling pathway leukocyte migration regulation of inflammatory response 0.001 peptide cross-linking hormone transport 0.002 positive regulation of ERK1 and ERK2 cascade keratinization 0.003 regulation of hormone levels 0.004 sensory perception acute inflammatory response regulation of peptide secretion epidermis development neurotransmitter transport digestion regulation of epidermis development extracellular matrix disassembly negative regulation of immune system process behavior stress response to copper ion negative regulation of leukocyte activation positive regulation of hair cycle leukocyte cell-cell adhesion detoxification of copper ion positive regulation of cell adhesion detoxification of inorganic compound