

SUPPLEMENTARY INFORMATION

Corticosteroid Treatment During Sepsis Alters Hippocampal Function in Male and Female Survivors

Hill *et al.*

Figure 7A Pathways

- Upper pathway group in Figure 7A

leukocyte cell-cell adhesion
T cell activation
regulation of cell activation
positive regulation of cell adhesion
regulation of leukocyte activation
response to bacterium
regulation of cell-cell adhesion
positive regulation of cell-cell adhesion
leukocyte differentiation
mononuclear cell differentiation
regulation of leukocyte cell-cell adhesion
mononuclear cell proliferation
regulation of lymphocyte activation
positive regulation of leukocyte cell-cell adhesion
antigen processing and presentation
lymphocyte proliferation
leukocyte proliferation
lymphocyte differentiation
leukocyte activation involved in immune response

- Lower pathway group in Figure 7A

adaptive immune response
regulation of immune response
leukocyte mediated immunity
positive regulation of immune response
innate immune response
adaptive immune response based on somatic recombination of
immune receptors built from immunoglobulin superfamily
domains
lymphocyte mediated immunity

Figure 7B Pathways

- **Development and differentiation**

- embryonic organ development
- limb development
- epithelial cell development
- muscle tissue development
- tube formation
- skeletal system morphogenesis
- regulation of neuron differentiation
- muscle organ development
- Appendage development
- Epithelial tube morphogenesis
- Peripheral nervous system development
- visual system development
- striated muscle tissue development
- epithelial cell differentiation

- **Hormone and cellular signaling**

- cellular response to lipid
- carbohydrate derivative biosynthetic process
- hormone-mediated signaling pathway
- steroid hormone mediated signaling pathway
- intracellular steroid hormone receptor signaling pathway
- negative regulation of protein serine/threonine kinase activity
- cellular response to hormone stimulus
- multicellular organismal homeostasis

- **Regulation of gene expression**

- regulation of mRNA metabolic process
- mRNA processing
- regulation of mRNA catabolic process
- Nucleobase-containing small molecule metabolic processes
- covalent chromatin modification
- Histone modification
- Proteasomal ubiquitin-independent catabolic processes
- RNA splicing