Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches


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Commentary

What’s New in Shock, October 2009?

Invited Review

Novel HMGB1-Inhibiting Therapeutic Agents for Experimental Sepsis

Clinical Aspects

Prospective Assessment of Hepatic Function and Mechanisms of Dysfunction in the Critically Ill

Exogenous IL-12 and Its Effect on TH1/TH2 Cell Activity After Cardiac Surgery

Systemic Inflammation Increases Intestinal Permeability During Experimental Human Endotoxemia

γ-Globulin Levels in Patients with Community-Acquired Septic Shock

Different Patterns of Siglec-9–Mediated Neutrophil Death Responses in Septic Shock

YKL-40 Identified by Proteomic Analysis as a Biomarker of Sepsis

Basic Science Aspects

Gender Difference in Granulocyte Dynamics and Apoptosis and the Role of IL-18 During Endotoxin-Induced Systemic Inflammation

Transient Central Cholinergic Activation Enhances Sympathetic Nervous System Activity But Does Not Improve Hemorrhage-Induced Hypotension in Alcohol-Intoxicated Rodents

Endotoxin and Interferon-γ Inhibit Translation in Skeletal Muscle Cells by Stimulating Nitric Oxide Synthase Activity

Inhaled Tezosentan Reduces Pulmonary Hypertension in Endotoxin-Induced Lung Injury
FMS-Like Tyrosine Kinase-3 Ligand Alters Antigen-Specific Responses to Infections After Severe Burn Injury

Julia Bohannon, Geping Fang, Weihua Cui, Edward Sherwood, and Tracy Toliver-Kinsky

Poloxamer 188 Prolongs Survival of Hypotensive Resuscitation and Decreases Vital Tissue Injury After Full Resuscitation

Rongzhen Zhang, Robert L. Hunter, Ernest A. Gonzalez, and Frederick A. Moore

100% Oxygen Inhalation Protects Against Zymosan-Induced Sterile Sepsis in Mice: The Roles of Inflammatory Cytokines and Antioxidant Enzymes

Lichao Hou, Keliang Xie, Nan Li, Mingzhe Qin, Yan Lu, Shirong Ma, Genlin Ji, and Lize Xiong

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COVER: LPS/IFN-γ decreases myotubule diameter. A. C2C12 myotubes were treated with LPS/IFN-γ, L-NAME, or LPS-IFN-γ and L-NAME. Cells were stained with Ponceau S. Phase-contrast pictures of the stained myotubules were taken on an inverted microscope. See Frost et al, pages 416–426, 2009.