

# SHOCK®

## *Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches*

Volume 30, Number 4

+ 2BR + 2TOC =

October, 2008

### **Commentary**

Mark G. Clemens ( ) What's New in Shock, October 2008?

### **Clinical Aspects**

Marcus Maier, Sebastian Wetzler, Michael Bauer, Petar Trendafilov, Dirk Henrich, Ingo Marzi 130-07E (8) Altered Gene Expression Patterns in Dendritic Cells After Severe Trauma: Implications for Systemic Inflammation and Organ Injury

Stefan Margraf, Tim Logters, Jenny Reipen, Jens Altrichter, Martin Scholz, Joachim Windolf 259-07E (7) Neutrophil-Derived Circulating Free DNA (CF-DNA/NETS), a Potential Prognostic Marker for Posttraumatic Development of Inflammatory Second Hit and Sepsis

### **Basic Science Aspects**

Florian Simon, Riccardo Giudici, Cuong Nguyen Duy, Hubert Schelzig, Sukru Oter, Michael Groger, Ulrich Wachter, Josef Vogt, Gunter Speit, Csaba Szabo, Peter Radermacher, Enrico Calzia 313-07E (6) Hemodynamic and Metabolic Effects of Hydrogen Sulfide During Porcine Ischemia/Reperfusion Injury

Stefan Schneeberger, Andrey V. Kuznetsov, Rudiger Seiler, Oliver Renz, Hugo Meusburger, Walter Mark, Gerald Brandacher, Raimund Margreiter, Erich Gnaiger 303-07E (7) Mitochondrial Ischemia-Reperfusion Injury of the Transplanted Rat Heart: Improved Protection by Preservation Versus Cardioplegic Solutions

Jun-Te Hsu, Wen-Hong Kan, Ya-Ching Hsieh, Mashkoo A. Choudhry, Martin G. Schwacha, Kirby I. Bland, Irshad H. Chaudry S004-07 (7) Mechanism of Estrogen-Mediated Improvement in Cardiac Function Following Trauma-Hemorrhage: p38-Dependent Normalization of Cardiac Akt Phosphorylation and Glycogen Levels

Naoaki Harada, Kenji Okajima, Hirotaka Isobe 221-07M (9) Role of Neutrophil Elastase in Development of Pulmonary Vascular Injury and Septic Shock in Rats

Robert C. Barber, David L. Maass, D. Jean White, Jureta W. Horton 357-07M (7) Increasing Percent Burn is Correlated With Increasing Inflammation in an Adult Rodent Model

Thomas Kremer, D. Abe, M. Weihrauch, Christopher Peters, Martha Maria Gebhardt, G. Germann, Ch. Heitmann, Andreas Walther 345-07E (7) Burn Plasma Transfer Induces Burn Edema in Healthy Rats

Tanja Barkhausen, Christian Frerker, Claudia Putz, Hans-Christoph Pape, Christian Krettek, Martijn van Griensven 380-07E (11) Depletion of NK Cells in a Murine Polytrauma Model is Associated with Improved Outcome and a Modulation of the Inflammatory Response

James L. Atkins, Rasha Hammamieh, Marti Jett, Nikolai V. Gorbunov, Ludmila V. Asher, Juliann G. Kiang 396-07M (6)  $\alpha$  Defensin-Like Product and Asymmetric Dimethylarginine Increase in Mesenteric Lymph After Hemorrhage in Anesthetized Rat

Bruno Levy, Olivier Desebbe, Chantal Montemont, Sebastien Gibot 263-07E (6) Increased Aerobic Glycolysis Through Beta-2 Stimulation is a Common Mechanism Involved in Lactate Formation During Shock States

Xiu-Hua Liu, Zhen-Ying Zhang, Sheng Sun, Xu-Dong Wu 306-07M (6) Ischemic Postconditioning Protects Myocardium From Ischemia/Reperfusion Injury Through Attenuating Endoplasmic Reticulum Stress

Brigitte Vollmar, Knut Franke, Michael D. Menger 370-07E (6) Polyethylene-10 Nutritive Perfusion of Pancreatic Endocrine Tissue During Hemorrhagic Hypotension: How Differ Islets *In Situ* from Islet Isografts?

# SHOCK®

## *Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches*

---

Donn Spight, Bruce Trapnell, Bin Zhao, Pierre Berclaz, Thomas P. Shanley	278-07M (9)	Granulocyte-Macrophage-Colony-Stimulating factor-Dependent Peritoneal Macrophage Responses Determine Survival in experimentally Induced Peritonitis and Sepsis in Mice
Oscar Cirioni, Roberto Ghiselli, Linda Tomasinsig, Florenza Orlando, Carmela Silvestri, Barbara Skerlavaj, Alessandra Riva, Marco Rocchi, Vittorio Saba, Margherita Zanetti, Giorgio Scalise, Andrea Giacometti	368-07M (6)	Efficacy of LL-37 and Granulocyte Colony-Stimulating Factor in a Neutropenic Murine Sepsis Due to <i>Pseudomonas Aeruginosa</i>
Li-tian Zhang, Yong-ming Yao, Yue-Qing Dong, Ning Dong, Yan Yu, Zhi-yong Sheng	330-07M (7)	Relationship Between High-Mobility Group Box 1 Protein Release and T-Cell Suppression in Rats After Thermal Injury
Dur-Zong Hsu, Pei-Yi Chu, Ya-Hui Li, Ming-Yie Liu	322-07M (7)	Sesamol Attenuates Diclofenac-Induced Acute Gastric Mucosal Injury Via Its Cyclooxygenase-Independent Anti-Oxidative Effect in Rats
Hiroyuki Katagiri, Yoshiya Ito, Sohei Ito, Takahiko Murata, Shuh Narumiya, Masahiko Watanabe, Masataka Majima	339-07J (5)	Tumor Necrosis Factor-Alpha Induces Thromboxane Receptor Signaling-Dependent Microcirculatory Dysfunction in Mouse Liver
Xue-Min Song, Jian-Guo Li, Yan-Lin Wang, Zheng-Fang Hu, Qing Zhou, Zhao-Hui Du, Bao-Hui Jia	325-07M (5)	The Protective Effect of the Cholinergic Anti-Inflammatory Pathway Against Septic Shock in Rats
Miriam S. Giambelluca, Oscar A. Gende	360-07M (9)	Inhibition of Cytochalasin-Primed Neutrophils by Hyperosmolarity

**Reviewers**

**Book Reviews**

---