Commentary
What's New in Shock, February 2012?

Clinical Aspects

Hypothermia for Prediction of Death in Severely Injured Blunt Trauma Patients
Heiko Trentzsch, Stefan Huber-Wagner, Frank Hildebrand, Karl-Georg Kanz, Eugen Fatst, Stefan Pilz, Rolf Lefering, and TraumaRegistry DGU

Clinical Outcome of Critically Ill Patients Cannot Be Defined by Cutoff Values of Monocyte Human Leukocyte Antigen-DR Expression
Helmut Trimmel, Ursula Luschin, Karin Köhrer, Christian Anzur, Daniela Veve ra, and Andreas Spittel

Homology in Systemic Neutrophil Response Induced by Human Experimental Endotoxemia and by Trauma
Tjaakje Visser, Janesh Pillay, Peter Pickkers, Luke P. H. Leenen, and Leo Koenderman

The Transcutaneous Oxygen Challenge Test: A Noninvasive Method for Detecting Low Cardiac Output in Septic Patients
Huai-Wu He, Da-Wei Liu, Yun Long, Xiao-Ting Wang, Wen-Zhao Chai, and Xiang Zhou

Adenosine A2A Receptor Upregulation in Human PMNs is Controlled by miRNA-214, miRNA-15, and miRNA-16
Jens Heyn, Carola Ledderose, Ludwig C. Hinske, Elisabeth Limbeck, Patrick Mühle, Holger A. Lindner, and Simone Kreth

Basic Science Aspects

Reduced Peroxisome Proliferator-Activated Receptor α Expression is Associated with Decreased Survival and Increased Tissue Bacterial Load in Sepsis
Stephen W. Standage, Charles C. Caldwell, Basilia Zingarelli, and Hector R. Wong

Combined Recombinant Human Activated Protein C and Ceftazidime Prevent the Onset of Acute Respiratory Distress Syndrome in Severe Sepsis
Marc O. Maybauer, Dirk M. Maybauer, John F. Fraser, Martin Westphal, Csaba Szabó, Robert A. Cox, Hal K. Hawkins, Lillian D. Traber, and Daniel L. Traber

Neutralization Of IL-10 Restores the Downregulation of IL-18 Receptor on Natural Killer Cells and Interferon-γ Production in Septic Mice, Thus Leading to an Improved Survival
Shuichi Hiraki, Satoshi Ono, Manabu Kinoshita, Hironori Tsujimoto, Risa Takahata, Hiromi Miyazaki, Daizoh Saitoh, Shuji Seki, and Kazuo Hase

17β-Estradiol Attenuates Reduced-Size Hepatic Ischemia/Reperfusion Injury by Inhibition Apoptosis Via Mitochondrial Pathway in Rats
Fu Sheng Lin, Shi Qiang Shen, Zu Bing Chen, and Rui Chen Yan

Lipocalin-2 is a Major Acute-Phase Protein in a Rat and Mouse Model of Sterile Abscess
Sadaf Sultan, Matteo Pasucci, Shabik Ahmad, Ihzae Ahmad Malik, Alberto Bianchi, Pierluigi Ramadori, Ghayyor Ahmad, and Giuliano Ramadori

Inhaled Hydrogen Sulfide Induces Suspended Animation, But Does Not Alter the Inflammatory Response After Blunt Chest Trauma
Acute Effects of Balanced Versus Unbalanced Colloid Resuscitation on Renal Macrocirculatory and Microcirculatory Perfusion During Endotoxemic Shock

Ugur Aksu, Rick Bezemor, Cihan Demirci, and Can Ince

Divergent Effects of Activated Neutrophils on Inflammation, Kupffer Cell/Splenocyte Activation, and Lung Injury Following Blunt Chest Trauma

Mario Perl, Manuel Kieninger, Markus S. Huber-Lang, Hans-Jürgen Gross, Max G. Bachem, Sonja Braumüller, Florian Gebhard, Alfred Ayala, and Markus W. Knöferl

Endotoxemia is Associated with Partial Uncoupling of Cardiac Pacemaker from Cholinergic Neural Control in Rats

Masoumeh Gholami, Parisa Mazaheri, Amin Mohamadi, Tara Dehpour, Fatemeh Safari, Sohrab Hajizadeh, Kevin P. Moore, and Ali R. Mani

Panax quinquefolium Saponins Reduce Myocardial Hypoxia-Reoxygenation Injury by Inhibiting Excessive Endoplasmic Reticulum Stress

Chen Wang, Yu-Zhen Li, Xiao-Reng Wang, Zhen-Rong Lu, Da-Zhuo Shi, and Xiu-Hua Liu

Plasma Levels of Liver-Specific miR-122 is Massively Increased in a Porcine Cardiogenic Shock Model and Attenuated by Hypothermia

Patrik Andersson, Olof Gidölf, Oscar Ö. Braun, Matthias Götberg, Jesper van der Pals, Björn Olde, and David Erlinge

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Instructions for Authors are available online at http://journals.lww.com/shockjournal/Documents/SHOCK_IFA.pdf and will be printed in the January and June issues of the journal.

COVER: Effect of 17β-estradiol on hepatic histology after reduced-size hepatic ischemia/reperfusion (I/R) injury. Hepatic tissue histology changes were processed with H&E staining at 12 h after reperfusion in sham, I/R and E2 + I/R group (HE × 400). Photograph depicted typical pattern of necrosis (black arrows around the venous area).