

SHOCK®

Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

OFFICIAL JOURNAL OF THE SHOCK SOCIETY, THE EUROPEAN SHOCK SOCIETY, THE INDONESIAN SHOCK SOCIETY, THE INTERNATIONAL FEDERATION OF SHOCK SOCIETIES, AND THE OFFICIAL AND INTERNATIONAL JOURNAL OF THE JAPAN SHOCK SOCIETY

Volume 32, No. 5

November 2009

<i>Mark G. Clemens</i>	461	<u>Commentary</u> What's New in <i>Shock</i>, November 2009?
<hr/>		
<i>Bruce A. McKinley, Joseph F. Sucher, S. Rob Todd, Ernest A. Gonzalez, Rosemary A. Kozar, R. Matthew Sailors, and Frederick A. Moore</i>	463	<u>Clinical Aspects</u> Central Venous Pressure Versus Pulmonary Artery Catheter-Directed Shock Resuscitation
<i>Eliana S. Antoniou, Christina L. Mouser, Madeleine E. Rosar, James Tadros, and Evros K. Vassiliou</i>	471	Hematopoietic Stem Cell Proliferation Modeling Under the Influence of Hematopoietic-Inducing Agent
<i>Chieko Mitaka, Naoki Tsuchida, Kenrou Kawada, Yasuaki Nakajima, Takasuke Imai, and Sei Sasaki</i>	478	A Longer Duration of Polymyxin B-Immobilized Fiber Column Hemoperfusion Improves Pulmonary Oxygenation in Patients with Septic Shock
<i>Branka Petricevic, Barbara Wessner, Monika Sachet, Damir Vrbancic, Andreas Spittler, and Michael Bergmann</i>	484	CL097, a TLR7/8 Ligand, Inhibits TLR-4-Dependent Activation of IRAK-M and BCL-3 Expression
<hr/>		
<i>Qiang Wang, Lara A. Muffley, Kyla Hall, Marie Chase, and Nicole S. Gibran</i>	491	<u>Basic Science Aspects</u> Elevated Glucose and Fatty Acid Levels Impair Substance P-Induced Dermal Microvascular Endothelial Cell Migration and Proliferation in an Agarose Gel Model System
<i>M. Orkun Sahsivar, Cüneyt Narin, Aysel Kiyici, Hatice Toy, Erdal Ege, and Ali Sarigül</i>	498	The Effect of Iloprost on Renal Dysfunction After Renal I/R Using Cystatin C and β_2-Microglobulin Monitoring
<i>Hui-Chun Huang, Sun-Sang Wang, Ching-Chih Chang, Fa-Yauh Lee, Han-Chieh Lin, Ming-Chih Hou, Tzu-Hua Teng, Yi-Chou Chen, and Shou-Dong Lee</i>	503	Evolution of Portal-Systemic Collateral Vasopressin Response in Endotoxemic Portal Hypertensive Rats
<i>Borna Relja, Birgit Schweska, Veronika Sun-Young Lee, Dirk Henrich, Christoph Czerny, Tiziana Borsello, Ingo Marzi, and Mark Lehnert</i>	509	Inhibition of C-Jun N-Terminal Kinase After Hemorrhage But Before Resuscitation Mitigates Hepatic Damage and Inflammatory Response in Male Rats
<i>Yongqing Li, Baoling Liu, Hang Zhao, Elizabeth A. Sailhamer, Eugene Y. Fukudome, Xiaobo Zhang, Tareq Kheirbek, Robert Finkelstein, George C. Velmahos, Marc deMoya, Charles A. Hales, and Hasan B. Alam</i>	517	Protective Effect of Suberoylanilide Hydroxamic Acid Against LPS-Induced Septic Shock in Rodents
<i>Xiao-Jing Lin, Yi-Lei Li, Gui-Ping Mei, Fei Zou, Dan-Dan He, Xue-Qin Liu, Ya-Jie Li, Ting-Bao Zhao, and Mao-Tsun Lin</i>	524	Activated Protein C Can Be Used as a Prophylactic as Well as a Therapeutic Agent for Heat Stroke in Rodents
<i>Toshiaki Iba and Toshio Takayama</i>	531	Enoxaparin Attenuates Endothelial Damage with Less Bleeding Compared with Unfractionated Heparin in Endotoxemic Rats

Mie Shimizu, Naoki Hasegawa, Tomoyasu Nishimura, Yoshihiko Endo, Yoshiki Shiraishi, Wakako Yamasawa, Hidefumi Koh, Sadatomo Tasaka, Hisato Shimada, Yasushi Nakano, Seitaro Fujishima, Kazuhiro Yamaguchi, and Akitoshi Ishizaka	536	Effects of TNF-α-Converting Enzyme Inhibition on Acute Lung Injury Induced By Endotoxin in the Rat
Jill Walker-Brown and Margo R. Roberts	542	Differential Contribution of β-Adrenergic Receptors Expressed on Radiosensitive Versus Radioresistant Cells to Protection Against Inflammation and Mortality in Murine Endotoxemia
Yun Yong Wang, Maria K. Dahle, Knut R. Steffensen, Finn P. Reinholt, Jon L. Collins, Christoph Thiernemann, Ansgar O. Aasen, Jan-Åke Gustafsson, and Jacob E. Wang	549	Liver X Receptor Agonist GW3965 Dose-Dependently Regulates LPS-Mediated Liver Injury and Modulates Posttranscriptional TNF-α Production and P38 Mitogen-Activated Protein Kinase Activation in Liver Macrophages
Kazuhiko Sekine, Seitaro Fujishima, Junichi Sasaki, Akitoshi Ishizaka, Sadakazu Aiso, and Naoki Aikawa	555	<i>In Vivo</i> IL-18 Supplementation Ameliorates Lethal Acute Lung Injury in Burn-Primed Endotoxemic Mice: A Novel Anti-Inflammatory Role of IL-18
		<u>Erratum</u>
	564	Erratum

SHOCK® is abstracted and/or indexed in *Index Medicus*, MEDLINE, Current Contents®/Life Sciences, Science Citation Index®, SciSearch®, Research Alert®, the Biochemistry & Biophysics Citation Index™, and Reference Update
Current Impact Factor 3.394

COVER: Ki-67 and DAPI staining indicates that NaCl-treated human microvascular endothelial cells (HMEC) are crowded in the center of their wall with few Ki-67⁺ cells (A). B, BSA-treated HMEC are slightly more spread with few Ki-67⁺ cells; C, Substance P (SP)-treated HMEC were more spread towards SP and had numerous Ki-67⁺ cells, and D, HMEC treated with VEGF also spread towards the direction of the agonist and had numerous Ki-67⁺ cells. See Wang et al, pages 491–497.