

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. 6

December 2009

		<u>Clinical Aspects</u>
<i>Andriy I. Batchinsky, Jose Salinas, Tom Kuusela, Corina Necsoiu, John Jones, and Leopoldo C. Cancio</i>	565	Rapid Prediction of Trauma Patient Survival by Analysis of Heart Rate Complexity: Impact of Reducing Data Set Size
		<u>Basic Science Aspects</u>
<i>Joseph Cuschieri, Sana Sakr, Eileen Bulger, Megan Knoll, Saman Arbabi, and Ronald V. Maier</i>	572	Oxidant Alterations in CD16 Expression are Cytoskeletal Induced
<i>Tiziana Genovese, Alessia Melani, Emanuela Esposito, Emanuela Mazzon, Rosanna Di Paola, Placido Bramanti, Felicita Pedata, and Salvatore Cuzzocrea</i>	578	The Selective Adenosine A_{2A} Receptor Agonist CGS 21680 Reduces JNK MAPK Activation in Oligodendrocytes in Injured Spinal Cord
<i>Shin Kato, Mohamed Hamed Hussein, Hiroki Kakita, Tatenobu Goto, Ghada A. Daoud, Takenori Kato, Takahiro Sugiura, Masanori Nobata, Yoko Nakajima, Takeshi Endo, Keisuke Mizuno, Tetsuya Ito, Ineko Kato, Satoshi Suzuki, and Hajime Togari</i>	586	Edaravone, a Novel Free Radical Scavenger, Reduces High-Mobility Group Box 1 and Prolongs Survival in a Neonatal Sepsis Model
<i>Hideaki Sonoi, Naoya Matsumoto, Hiroshi Ogura, Hideo Hosotsubo, Kazuo Noguchi, Yasuyuki Kuwagata, and Hisashi Sugimoto</i>	593	The Effect of Antithrombin on Pulmonary Endothelial Damage Induced by Crush Injury
<i>Miguel F. Molina, Annie Whitaker, Patricia E. Molina, and Kathleen H. McDonough</i>	601	Alcohol Does Not Modulate the Augmented Acetylcholine-Induced Vasodilatory Response in Hemorrhaged Rodents
<i>Wang-Lin Jiang, Xi-Guang Chen, Gui-Wu Qu, Xi-Dian Yue, Hai-Bo Zhu, Jing-Wei Tian, and Feng-Hua Fu</i>	608	Rosmarinic Acid Protects Against Experimental Sepsis by Inhibiting Proinflammatory Factor Release and Ameliorating Hemodynamics
<i>Alex Villanueva, Sertac M. Yilmaz, William R. Millington, Rodolfo A. Cutrera, David G. Stouffer, Loren H. Parsons, Joseph F. Cheer, and Carlos Feleder</i>	614	Central Cannabinoid 1 Receptor Antagonist Administration Prevents Endotoxin Hypotension Affecting Norepinephrine Release in the Preoptic Anterior Hypothalamic Area
<i>Collette C. Jonkam, Matthias Lange, Daniel L. Traber, Dirk M. Maybauer, Marc O. Maybauer, Kamna Bansal, Atsumori Hamahata, Yong Zhu, Aimalohi Esechie, Lillian D. Traber, Linda Sousse, Sebastian Rehberg, David N. Herndon, and Perenlei Enkhbaatar</i>	621	Cardiovascular Collapse and Vascular Permeability Changes in an Ovine Model of Methicillin-Resistant <i>Staphylococcus Aureus</i> Sepsis
<i>Subrina Jesmin, Satoshi Gando, Sohel Zaedi, Shamsul Haque Proadhan, Atsushi Sawamura, Takashi Miyauchi, Michiaki Hiroe, and Naoto Yamaguchi</i>	626	Protease-Activated Receptor 2 Blocking Peptide Counteracts Endotoxin-Induced Inflammation and Coagulation and Ameliorates Renal Fibrin Deposition in a Rat Model of Acute Renal Failure

-
-
- | | | |
|---|-----|---|
| <i>Sébastien Gibot, Frédéric Massin, Corentine Alauzet, Marc Derive, Chantal Montemont, Solene Collin, Sophie Fremont, and Bruno Levy</i> | 633 | Effects of the TREM 1 Pathway Modulation During Hemorrhagic Shock in Rats |
| <i>Barbara Rinaldi, Laura Pieri, Maria Donniacuo, Donato Cappetta, Annalisa Capuano, Lola Domenici, Rosa Carnuccio, Paolo Romagnoli, Amelia Filippelli, and Francesco Rossi</i> | 638 | Rosiglitazone Reduces the Inflammatory Response in a Model of Vascular Injury in Rats |
| <i>Guei-Sheung Liu, Hung-Tu Huang, Che-Jen Lin, Jhih-Yin Shi, Li-Feng Liu, Rue-Tseng Tseng, Wen-Tsan Weng, Hing-Chung Lam, Zhi-Hong Wen, Tian-Lu Cheng, Kuei-Sen Hsu, and Ming-Hong Tai</i> | 645 | Prophylactic Proopiomelanocortin Expression Alleviates Capsaicin-Induced Neurogenic Inflammation in Rat Trachea |
| <i>Alice Y.W. Chang, Julie Y.H. Chan, Hsiao-Lei Cheng, Ching-Yi Tsai, and Samuel H.H. Chan</i> | 651 | Hypoxia-Inducible Factor 1/Heme Oxygenase 1 Cascade as Upstream Signals in the Prolife Role of Heat Shock Protein 70 at Rostral Ventrolateral Medulla During Experimental Brain Stem Death |
| <i>Brian B. Chesebro, Pamela Rahn, Michel Carles, Charles T. Esmon, Jun Xu, Karim Brohi, Daniel Frith, Jean-François Pittet, and Mitchell J. Cohen</i> | 659 | Increase in Activated Protein C Mediates Acute Traumatic Coagulopathy in Mice |

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: Lipid raft mobilization of CD16. Human monocyte colocalization of CD16 and lipid rafts was determined by immunohistochemistry. Both control and H₂O₂-exposed cellular expressions of lipid rafts (green) and CD16 (red) were determined. Colocalization was determined by overlaying images resulting in yellow fluorescence. Data based on 5 separately performed experiments. See Cuschieri et al., pages 572–577, 2009.