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 33, No. 2

February 2010

Peter Radermacher	109	<u>Commentary</u> What's New in <i>Shock</i> , February 2010?
Robert Wayne Barbee, Penny S. Reynolds, and Kevin R. Ward	113	<u>Review Article</u> Assessing Shock Resuscitation Strategies by Oxygen Debt Repayment
Edward P. Sloan, Nora B. Philbin, Max D. Koenigsberg, Weihua Gao, and DCLHb Traumatic Hemorrhagic Shock Study Group and the European HOST Investigators	123	<u>Clinical Aspects</u> The Lack of Consistent Diaspirin Cross-Linked Hemoglobin Infusion Blood Pressure Effects in the US and EU Traumatic Hemorrhagic Shock Clinical Trials
Yue-Yu Hu, Xiao-Qiao Dong, Wen-Hua Yu, and Zu-Yong Zhang	134	Change in Plasma S100B Level After Acute Spontaneous Basal Ganglia Hemorrhage
Ignatios Ikonomidis, Maria Nikolaou, Ioanna Dimopoulou, Ioannis Paraskevaidis, John Lekakis, Irini Mavrou, Marinella Tzanela, Petros Kopterides, Iraklis Tsangaris, Apostolos Armaganidis, and Dimitrios T.H. Kremastinos	141	Association of Left Ventricular Diastolic Dysfunction with Elevated NT-pro-BNP in General Intensive Care Unit Patients with Preserved Ejection Fraction: A Complementary Role of Tissue Doppler Imaging Parameters and NT-pro-BNP Levels for Adverse Outcome
Reetta Huttunen, Jaana Syrjänen, Janne Aittoniemi, Simo S. Oja, Annika Raitala, Janne Laine, Marja Pertovaara, Risto Vuento, Heini Huhtala, and Mikko Hurme	149	High Activity of Indoleamine 2,3 Dioxygenase Enzyme Predicts Disease Severity and Case Fatality in Bacteremic Patients
		Basic Science Aspects
Volker Assfalg, Norbert Hüser, Daniel Reim, Simone Kaiser-Moore, Tanja Rossmann-Bloeck, Heike Weighardt, Alexander R. Novotny, Manfred J. Stangl, Bernhard Holzmann, and Klaus L. Emmanuel	155	Combined Immunosuppressive and Antibiotic Therapy Improves Bacterial Clearance and Survival of Polymicrobial Septic Peritonitis
Sudha Natarajan, Jiyoun Kim, and Daniel G. Remick	162	Chronic Pulmonary LPS Tolerance Induces Selective Immunosuppression While Maintaining the Neutrophilic Response
Ming-Shian Tsai, Shiu-Dong Chung, Jin-Tung Liang, Ya-Hui Ko, Wen-Ming Hsu, Hong-Shiee Lai, and Kuo-Chu Chang	170	Enhanced Expression of Cardiac Nerve Growth Factor and Nerve Sprouting Markers in Rats Following Gastric Perforation: The Association with Cardiac Sympathovagal Balance
Ming Hua Bi, Juliane Ott, Tobias Fischer, Matthias Hecker, Hartmut Dietrich, Martina Barbara Schaefer, Philip Markart, Bao En Wang, Werner Seeger, and Konstantin Mayer	179	Induction of Lymphocyte Apoptosis in a Murine Model of Acute Lung Injury—Modulation by Lipid Emulsions

Volume 33, No. 2

Axel Menzebach, Stefan Bergt, Philine von Waldthausen, Christian Dinu, Gabriele Nöldge-Schomburg, and Brigitte Vollmar	189	A Comprehensive Study of Survival, Tissue Damage, and Neurological Dysfunction in a Murine Model of Cardiopulmonary Resuscitation After Potassium-Induced Cardiac Arrest
Nikolaos M. Nikolaidis, Jerilyn K. Gray, Devikala Gurusamy, William Fox, William D. Stuart, Nathan Huber, and Susan E. Waltz	197	Ron Receptor Tyrosine Kinase Negatively Regulates TNF <i>a</i> Production in Alveolar Macrophages by Inhibiting NF- <i>k</i> B Activity and Adam17 Production
Yu-Ti Chen, Shin-Han Tsai, Shiow-Yunn Sheu, and Li Hsueh Tsai	205	Ghrelin Improves LPS-Induced Gastrointestinal Motility Disturbances: Roles of NO and Prostaglandin E ₂
Rana I. Sharara-Chami, Maria Joachim, Karel Pacak, and Joseph A. Majzoub	213	Glucocorticoid Treatment—Effect on Adrenal Medullary Catecholamine Production
Wei Wei, Ma Bing, Li Heng-yu, Jia Yitao, Lv Kaiyang, Wang Guangqing, Zhang Jianrong, Zhu Shihui, Tang Hongtai, Sheng Zhiyong, and Xia Zhaofan	218	Biphasic Effects of Selective Inhibition of Transforming Growth Factor β1 Activin Receptor–Like Kinase on LPS-Induced Lung Injury
		Letter to the Editor
To the Editor: Ornella Piazza	225	TLRs Genetic Expression: A Tool to Predict and Diagnose Sepsis Before

TLRs Genetic Expression: A Tool to Predict and Diagnose Sepsis Before Its Clinical Evidence?

Reply: Matthew Lissauer and Steven B. Johnson

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: Ghrelin-immunoreactive cells in the stomach (A, B) and duodenum (C, D). Ghrelin-containing cells were found in the gastric mucosa. Ghrelin-containing cells were found to be most abundant in the glandular base and to decrease in number toward the glandular neck. B, High-magnification micrograph of a ghrelin-containing cell in the mucosal layer (arrows). C, Ghrelin-containing cells in the duodenum were found in the villi. High-magnification micrograph (\times 2) showing immunoreactive cells in the villi. D, Crypt. MU, mucosa; VI, villus; CY, crypt. Scale bars, 50 µm. See Chen et al., pages 205–212, 2010.