

Contents of Volume 133

Number 1, June 2006

EDUCATION

- A Surgical Skills Elective Can Improve Student Confidence Prior to Internship. *Sarah E. Peyre, Christian G. Peyre, Maura E. Sullivan, and Shirin Towfigh* 11

ONCOLOGY

- Inositol Hexaphosphate (IP6) Inhibits Cellular Proliferation In Melanoma. *Irfan Rizvi, Dale R. Riggs, Barbara J. Jackson, Alex Ng, Cynthia Cunningham, and David W. Mcfadden*... 3
- An Investigation of Epidemiologic Factors Associated With Large Nodular Goiter. *R. Phitayakorn, D.M. Super, and C.R. McHenry*..... 16
- Menin Localizes to Chromatin Through an ATR-CHK1 Mediated Pathway After UV-Induced DNA Damage. *Steven M. Farley, Gao Chen, Sydney Guo, Min Wang, Jingbo A, Felix Lee, Frank Lee, and Mark Sawicki*..... 29
- A Prospective Evaluation of Novel Methods to Intraoperatively Distinguish Parathyroid Tissue Utilizing a Parathyroid Hormone Assay. *David N. Conrad, Jordan E. Olson, Helen M. Hartwig, Eberhard Mack, and Herbert Chen*..... 38
- ZM336372, A Raf-1 Activator, Inhibits Growth of Pheochromocytoma Cells. *Ashley Kappes, Abram Vaccaro, Muthusamy Kunnimalaiyaan, and Herbert Chen* 42

PEDIATRIC/CONGENITAL/DEVELOPMENTAL

- Injury in the First Year of Life: Risk Factors and Solutions for High-Risk Families. *Marie Crandall, Bill Chiu, and Karen Sheehan* 7

SHOCK/SEPSIS/TRAUMA/CRITICAL CARE

- Neutrophil Degranulation and the Effects of Phosphodiesterase Inhibition. *Jessica Deree, Rohan Lall, Heidi Melbostad, Michael Grant, David B. Hoyt, and Raul Coimbra* 22
- Impedance Cardiography: A Potential Monitor for Hemodialysis. *Julie L. Wynne, Leo O. Ovadje, Chaltsy M. Akridge, Samuel W. Sheppard, Robert L. Vogel, and Joseph M. Van De Water* 55

WOUND HEALING/PLASTIC SURGERY

- Local Arginine Supplementation Results in Sustained Wound Nitric Oxide Production and Reductions in Vascular Endothelial Growth Factor Expression and Granulation Tissue Formation. *Daithi Heffernan, Ben Dudley, Paul L. McNeil, and Thomas R. Howdieshell* 46

ANNOUNCEMENT

- Consensus Statement on Surgery Journal Authorship: 2006..... 1

Number 2, June 15, 2006

CARDIOTHORACIC

- Possible Role of Nitric Oxide in the Protective Effect of Resveratrol in 5/6th Nephrectomized Rats. *Vikas Chander and Kanwaljit Chopra*..... 129

EDUCATION

- Exocrine Meets Endocrine: Pancreatic Stone Protein and Regenerating Protein—Two Sides of the Same Coin. *Rolf Graf, Marc Schiesser, Theresia Reding, Philippe Appenzeller, Li-Kang Sun, Franco Fortunato, Aurel Perren, and Daniel Bimmler* 113

GASTROINTESTINAL

- Does CO₂ Pneumoperitoneum Alter the Ultra-Structure of the Mesothelium?. *Marcos T. A. Rosário, Ulysses Ribeiro, Jr., Carlos E. P. Corbett, Alberto C. Ozaki, Cláudio C. Bresciani, Bruno Zilberstein, and Joaquim J. Gama-Rodrigues* 84
- Parameters Associated with Changes in Liver Volume in Patients Undergoing Portal Vein Embolization. *Atsushi Nanashima, Yorihisa Sumida, Shinichi Shibasaki, Hiroaki Takeshita, Shigekazu Hidaka, Terumitsu Sawai, Hisakazu Shindou, Takafumi Abo, Toru Yasutake, Takeshi Nagayasu, and Ichiro Sakamoto* 95
- In-Vivo Evaluation of a Novel Bipolar Radiofrequency Device for Interstitial Thermotherapy of Liver Tumors During Normal and Interrupted Hepatic Perfusion. *Joerg-P. Ritz, Kai S. Lehmann, Christoph Isbert, Christoph Reissfelder, Thomas Albrecht, Thomas Stein, and Heinz J. Buhr* 176
- Salutary Effects of Tachykinin Receptor Antagonists in a Rat Model of Postoperative Ileus. *R. Ciechanowicz, J. Sein-Anand, Z. Chodorowski, M. Bitel, J. Petrusewicz, and R. P. Korolkiewicz* 197

ONCOLOGY

- Adenovirus Vector-Mediated Gene Transfer Using Degradable Starch Microspheres for Hepatocellular Carcinoma in Rats. *Hiroaki Shiba, Tomoyoshi Okamoto, Yasuro Futagawa, Takeyuki Misawa, Katsuhiko Yanaga, Toya Ohashi, and Yoshikatsu Eto* 193
- Uncommon V599E BRAF Mutations in Japanese Patients with Lung Cancer. *Hidefumi Sasaki, Osamu Kawano, Katsuhiko Endo, Eriko Suzuki, Hiroshi Haneda, Haruhiro Yukiue, Yoshihiro Kobayashi, Motoki Yano, and Yoshitaka Fujii* 203
- The Surgical Management of Graves' Disease. *Chris M. Schüssler-Fiorenza, Cristin M. Bruns, and Herbert Chen* 207
- Controlled Study of Inline Radiofrequency Coagulation-Assisted Partial Nephrectomy in Sheep. *Koroush S. Haghighi, Karin Steinke, Kiran Hazratwala, Peter C. A. Kam, Steven Daniel, and David L. Morris* 215

SHOCK/SEPSIS/TRAUMA/CRITICAL CARE

- Salicylate Enhances Rat Gastric Gelatinase Activity. *Emily K. Robinson, Sonlee D. West, and David W. Mercer* 69
- Circulating Cytokines, Chemokines, and Stress Hormones are Increased in Patients with Organ Dysfunction Following Liver Resection. *Fumio Kimura, Hiroaki Shimizu, Hiroyuki Yoshidome, Masayuki Ohtsuka, Atsushi Kato, Hideyuki Yoshitomi, Satoshi Nozawa, Katsunori Furukawa, Noboru Mitsuhashi, Shigeaki Sawada, Dan Takeuchi, Satoshi Ambiru, and Masaru Miyazaki* 102

TRANSPLANTATION/IMMUNOLOGY

- Efficacy of Transient Treatment with FK506 in the Early Phase on Cyclophosphamide-Induced Bone Marrow Chimerism and Transplant Tolerance across MHC Barriers. *Junji Okayama, Saiho Ko, Hiromichi Kanehiro, Hideki Kanokogi, and Yoshiyuki Nakajima* 61
- Cold Preservation of Islets in UW Solution—With Special Reference to Apoptosis. *Yasumasa Shirouzu, Yuanjun Gu, Mari Koga, Tomonori Sakurai, Meirigeng Qi, Akihito Hiura, Shoichiro Sumi, Kazutomo Inoue* 167

VASCULAR

- Effects of Homocysteine and Ginsenoside Rb1 on Endothelial Proliferation and Superoxide Anion Production. *Ryuji Ohashi, Shaoyu Yan, Hong Mu, Hong Chai, Qizhi Yao, Peter H. Lin, and Changyi Chen* 89
- Matrix Metalloproteinase 2 Polymorphisms in a Caucasian Population with Abdominal Aortic Aneurysm. *I. Hinterseher, H. Bergert, E. Kuhlisch, A. Bloomenthal, Ch. Pilarsky, D. Ockert, S. Schellong, H. D. Saeger, and D. Krex* 121

Combined Enzymatic and Antioxidative Treatment Reduces Ischemia-Reperfusion Injury in Rabbit Skeletal Muscle. <i>Christoph Neumayer, Alexander Fügl, Josef Nanobashvili, Roland Blumer, Andreas Punz, Helmut Gruber, Peter Polterauer, and Ihor Huk</i>	150
Evolution of Spinal Cord Injury in a Porcine Model of Prolonged Aortic Occlusion. <i>John C. Papakostas, Miltiadis I. Matsagas, Ioannis K. Toumpoulis, Vasiliki D. Malamou-Mitsi, Lina S. Pappa, Constantina Gkrepi, Constantine E. Anagnostopoulos, and Angelos M. Kappas</i>	159

WOUND HEALING/PLASTIC SURGERY

Characterization of Growth and Osteogenic Differentiation of Rabbit Bone Marrow Stromal Cells. <i>Jason Roostaeian, Brian Carlsen, David Simhaee, Reza Jarrahy, Weibiao Huang, Kenji Ishida, George H. Rudkin, Dean T. Yamaguchi, and Timothy A. Miller</i>	76
Combination of Pre-Operative Radiotherapy and Surgery Suppresses Local Accumulation of Collagen and TGF- β 1 in Rats. <i>Louis B. Johnson, Diya Adawi, Magnus S. Ågren, Lars N. Jorgensen, Lena Wittgren, Sören Mattsson, Peter Blomquist, Finn Gottrup, and Bengt Jeppsson</i>	136
Therapeutic Potential of Chitosan and Its Derivatives in Regenerative Medicine. <i>Chunmeng Shi, Ying Zhu, Xinze Ran, Meng Wang, Yongping Su, and Tianmin Cheng</i>	185

RESEARCH REVIEW

Nitrotyrosine and Chlorotyrosine: Clinical Significance and Biological Functions in the Vascular System. <i>Imran Mohiuddin, Hong Chai, Peter H. Lin, Alan B. Lumsden, Qizhi Yao, and Changyi Chen</i>	143
--	-----

NOTICE

The Subject Index for Volume 133 will appear in the December 2006 issue as part of a cumulative index for the year 2006.