

**PAPERS READ BEFORE THE EIGHTH ANNUAL MEETING OF THE SURGICAL INFECTION SOCIETY, SAN FRANCISCO, MAY 5 TO MAY 6, 1988—Part II**

- The Immune-Enhancing Effect of Perioperative Thymopentin Administration in Elderly Patients Undergoing Major Surgery** ..... 1449  
Eugen Faist, MD; Wolfgang Ertel, MD; Barbara Salmen; Arno Weiler, MD; Christoph Ressel, MD, Munich;  
Kalman Bolla, MD, Schaffhausen, Switzerland; Georg Heberer, MD, Munich
- Postoperative impairment of delayed hypersensitivity reactions and lymphocyte proliferation was counteracted by thymopentin administration.
- Tumor Necrosis Factor-Enhanced Leukotriene B<sub>4</sub> Generation and Chemotaxis in Human Neutrophils** ..... 1454  
John D. Meyer, MD; Roger W. Yurt, MD; Roderick Duhaney, MS; David G. Hesse, MD; Kevin J. Tracey, MD; Yuman Fong, MD;  
Madhu Verma, MA; G. Tom Shires, MD; Peter Dineen, MD; Stephen F. Lowry, MD; John Mihran Davis, MD, New York
- Tumor necrosis factor added to white cells increased leukotriene production and migration to leukotriene.
- A Single Dose of Endotoxin Increases Intestinal Permeability in Healthy Humans** ..... 1459  
Sarah T. O'Dwyer, FRCS; Hamish R. Michie, FRCS; Thomas R. Ziegler, MD; Arthur Revhaug, MD;  
Robert J. Smith, MD; Douglas W. Wilmore, MD, Boston
- Individuals receiving intravenous *Escherichia coli* endotoxin had increased absorption and excretion of orally administered lactulose and mannitol.
- Immunomodulation by Altered Gastrointestinal Tract Flora: The Effects of Orally Administered, Killed *Staphylococcus Epidermidis*, *Candida*, and *Pseudomonas* on Systemic Immune Responses** ..... 1465  
John C. Marshall, MD, FRCS, Halifax, Nova Scotia; Nicolas V. Christou, MD, PhD, FRCS, Montreal  
Jonathan L. Meakins, MD, DSc, FRCS, Montreal
- Gut colonization with *Candida* or *Pseudomonas* may contribute to impairment of cell-mediated immunity.
- Quantitative and Qualitative Study of the Restoration by Cytokines of Mononuclear Cell Delivery to Skin Test Sites in Anergic Surgical Patients** ..... 1470  
Martin MacPhee, BSc; Nicolas V. Christou, MD, PhD; Julius Gordon, PhD; Louise Chartrand, RN; Harold Rode, PhD, Montreal
- Deficient migration of neutrophils to inflammatory sites, which is associated with anergy, was improved by providing cytokines.
- Lack of Cytokine-Induced Skin Reaction Correlates With Acute Physiology Score and Mortality in Patients Receiving Intensive Care** ..... 1474  
Juan Carlos Puyana, MD; Harold Rode, MD; Julius Gordon, PhD; Jonathan L. Meakins, MD, DSc;  
Louise Chartrand, RN; Nicolas V. Christou, MD, PhD, Montreal
- Anergic patients who developed a skin reaction to injected cytokines had an increased likelihood of survival.
- Early Burn Wound Excision and Skin Grafting Postburn Trauma Restores In Vivo Neutrophil Delivery to Inflammatory Lesions** ..... 1477  
Jean I. Tchervenkov, MD; Mark D. Epstein, MD; Edward B. Silberstein, MD; J. Wesley Alexander, MD, ScD, Cincinnati
- Burn wound excision and skin grafting immediately after the burn injury increased neutrophil accumulation at a site of inflammation.

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Michael R. B. Keighley, MS, FRCS, Birmingham, United Kingdom  
● Quinolone agents appear to have a high penetration into established abscesses.

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Robert G. Holman, MD, Ronald V. Maier, MD, Seattle  
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C. Ian Hood, MD, Gainesville, Fla; Tony E. Hugli, PhD, La Jolla, Calif  
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Stuart E. Starr, MD; Harvey M. Friedman, MD; Stanley A. Plotkin, MD, Philadelphia  
● Seronegative candidates for cadaver renal transplant may benefit from  
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R. Jan A. Goris, MD, PhD, Nijmegen, the Netherlands  
● Signs of inflammation were found in tissues of patients dying after injury.

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