

IMPACT OF 2% CHLORHEXIDINE WHOLE BODY WASHING ON NOSOCOMIAL INFECTIONS AMONG TRAUMA PATIENTS

CATEGORY: CLINICAL TRIALS

EVANS , CHAN , DELLIT , MCCATLIN , RODRIGUEZ , NATHENS , MAIER , CUSCHIERI
UNIVERSITY OF WASHINGTON

Discussant: Robert Sawyer MD

Paper 3.

PROPRANOLOL TREATMENT DECREASES INFECTION AND SEPSIS IN SEVERELY BURNED PEDIATRIC PATIENTS

CATEGORY: CLINICAL TRIALS

JESCHKE MG, WILLIAMS FN, KULP , BRANSKI LK, GAUGLITZ GG, FINNERTY CC, HERNDON DN
SHRINERS HOSPITALS FOR CHILDREN

Discussant: Saman Arbabi MD

Paper 4.

THE NOD2 AGONIST MURAMYL-DI-PEPTIDE LIMITS ENDOTOXEMIA-INDUCED INTESTINAL INFLAMMATION BY INHIBITING TLR4 SIGNALING IN ENTEROCYTES

CATEGORY: BASIC SCIENCE - IN VITRO

RICHARDSON WM, GRIBAR, BRANCA , KOHLER , DUBOWSKI , LI , SODHI , HACKAM DJ
CHILDREN'S HOSPITAL OF PITTSBURGH

Discussant: Henri Ford MD

Paper 5.

HIGH MOLECULAR WEIGHT POLYETHYLENE GLYCOL PREVENTS EPITHELIAL CELL APOPTOSIS, SHIELDS AGAINST BACTERIAL INVASION, AND PROTECTS MICE FROM MORTALITY FOLLOWING ABDOMINAL RADIATION AND EXPOSURE TO P. AERUGINOSA

CATEGORY: BASIC SCIENCE - IN VIVO

VALUCKAITE , LONG , HOLBROOK , MAUCERI , WEICHSELBAUM , CHANG , ZABORINA ,
ALVERDY

UNIVERSITY OF CHICAGO

Discussant: William Cheadle MD

Paper 6.

A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL OF THE EFFICACY OF ENTERAL IRON SUPPLEMENTATION ON ANEMIA AND RISK OF INFECTION DURING SURGICAL CRITICAL ILLNESS (SCI)

CATEGORY: CLINICAL TRIALS

PIERACCI FM, HENDERSON , RODNEY JR, HYDO LJ, EACHEMPATI SR, SHOU , BARIE PS
WEILL CORNELL MEDICAL COLLEGE

Discussant: Lena M. Napolitano MD

Paper 7.

A RANDOMIZED DOUBLE-BLIND PHASE II TRIAL OF PERIOPERATIVE PROBIOTICS IN COLORECTAL RESECTION

CATEGORY: CLINICAL TRIALS

GIANOTTI , BRAGA , MORELLI , COPPOLA , ROCCHETTI , GALBIATI , BENEDUCE, NESPOLI
MILANO-BICOCCA UNIVERSITY

Discussant: John Alverdy MD

Paper 8.

TOLL LIKE RECEPTOR 4 (TLR4) MEDIATES COMPLEMENT FACTOR B UPREGULATION THROUGH MITOGEN ACTIVATED PROTEIN (MAP) KINASES P38 AND C-JUN NTERMIAL KINASE (JNK)

CATEGORY: BASIC SCIENCE - IN VITRO

KACZOROWSKI DJ, AFRAZI , BILLIAR TR
UNIVERSITY OF PITTSBURGH

Discussant: Michael West MD PhD

16:00-16:30 PM FELLOWSHIP AWARDS PRESENTATIONS CALIBOGUE/DANNER

Introduction by Ping Wang MD, Feinstein Institute for Medical Research, North Shore University Hospital & Long Island Jewish Medical Center, Manhasset, NY

1. **SIS Foundation / Merck Resident Research Fellowship Award**: Ward Richardson MD - University of Pittsburgh
The role of nucleotide oligomerization domain 2 in the pathogenesis of necrotizing enterocolitis
Mentor David Hackam MD
2. **SIS Foundation / Pfizer Resident Research Fellowship Award**: Mae Fatima Cantos MD - St. Michael's Hospital, University of Toronto. Organ injury after hemorrhagic shock: The role of toll-like receptor 4 in macrophage priming
Mentor Ori Rotstein MD MSc
3. **SIS Foundation / Wyeth Evaluative Fellowship Award**: Vanessa P. Ho MD - NY Presbyterian Hospital, Weill Cornell Medical College. Antimicrobial dosing for critically ill morbidly obese patients
Mentor Philip S. Barie MD
4. **SIS Foundation Junior Faculty Fellowship Award**: Michael J. Morowitz MD - University of Chicago
Perturbations of the human intestinal microbiome in necrotizing enterocolitis
Mentor John Alverdy MD.

16:30-18:00 PM POSTER SESSION I FORT WALKER
Basic and clinical studies in surgical infection. (Posters 1-22)

Moderators: Michael West MD, PhD (Posters 1-11)
 Catherine Hunter MD (Posters 1-11)
 John Mihran Davis MD (Posters 12-22)
 Jeffrey Claridge MD (Posters 12-22)

Poster 1.

NEONATAL MESENCHYMAL STEM CELLS PRODUCE IL6 BUT NOT VEGF THROUGH NFKB WHILE ADULTS UTILIZE NFKB FOR BOTH

CATEGORY: BASIC SCIENCE - IN VITRO

NOVOTNY NM, MARKEL TA, CRISOSTOMO PR, WANG, HERRING CM, LAHM , WANG, MELDRUM DR. INDIANA UNIVERSITY

Poster 2.

SYNERGISTIC EFFECT OF PHOSPHATE DEPLETION AND EXPOSURE TO OPIOIDS ON P. AERUGINOSA VIRULENCE EXPRESSION.

CATEGORY: BASIC SCIENCE - IN VITRO

HOLBROOK , ZABORINA , MOROZOVA , FERNANDEZ , LONG , ALVERDY
UNIVERSITY OF CHICAGO

Poster 3.

GENDER-RELATED INFLUENCES OF A MACROPHAGE MIGRATION INHIBITORY

FACTOR (MIF) POLYMORPHISM ON HUMAN RESPONSES TO LIPOPOLYSACCHARIDE

CATEGORY: BASIC SCIENCE - IN VIVO

FRIEDMAN LC, COYLE SM, CALVANO JE, DAYON TC, MACOR MA, CALVANO SE, LOWRY SF
UMDNJ-ROBERT WOOD JOHNSON MEDICAL SCHOOL

Poster 4.

SURGICAL INJURY ACTIVATES P. AERUGINOSA TO DEGRADE THE MUCUS GEL LAYER OF THE GASTROINTESTINAL TRACT

CATEGORY: BASIC SCIENCE - IN VIVO

LONG JM, ZABORINA , LICHTENSTEIN , ZABORIN , HOLBROOK , MOROZOVA , LIU DC,
ALVERDY JC
UNIVERSITY OF CHICAGO

Poster 5.

POSTBURN HEPATIC INSULIN RESISTANCE IS DUE TO ALTERED JNK/IRS-1 ACTIVATION LEADING TO IMPAIRED P13K AND AKT SIGNALLING

CATEGORY: BASIC SCIENCE - IN VIVO

GAUGLITZ GG, BOEHNING DF, BARRAL JM, WILLIAMS , SONG , HERNDON DN, JESCHKE MG
SHRINERS HOSPITALS FOR CHILDREN

Poster 6.

INTESTINAL MICROBIAL COMMUNITIES SHOW A REVERSIBLE SHIFT IN RESPONSE TO SURGICAL INJURY

CATEGORY: BASIC SCIENCE - IN VIVO

POROYKO , VALUCKAITE , DRABIK , ZABORINA , CHANG , LIU DC, ALVERDY JC
UNIVERSITY OF CHICAGO

Poster 7.

THE ACUTE PARACRINE EFFECTS OF STEM CELLS MAY NOT BE MEDIATED BY VEGF

CATEGORY: BASIC SCIENCE - IN VITRO

CRISOSTOMO , MARKEL , LAHM , NOVOTNY , WANG , WANG , MELDRUM
INDIANA UNIVERSITY

Poster 8.

VEGF ADMINISTRATION INCREASES ANTI-INFLAMMATORY AND DECREASES PROINFLAMMATORY TISSUE CYTOKINE PRODUCTION AFTER ISCHEMIA

CATEGORY: BASIC SCIENCE - IN VITRO

GUZMAN , CRISOSTOMO , MARKEL , LAHM , WANG , WANG , NOVOTNY , MELDRUM
INDIANA UNIVERSITY

Poster 9.

MULTIDRUG RESISTANT ACINETOBACTER BAUMANNII AND TREATMENT IN THE TRAUMA PATIENT: DOES COLISTIN INCREASE ACUTE RENAL INSUFFICIENCY?

CATEGORY: CASE SERIES

MACNEW , GUNTER , GUILLAMONDEGUI OD
VANDERBILT UNIVERSITY MEDICAL CENTER

Poster 10.

MICROBIOLOGIC FINDINGS IN SURGICAL SITE INFECTION COMPLICATING BREAST SURGERY

CATEGORY: CASE SERIES

THROCKMORTON AD, BADDOUR LM, HOSKIN TL, BOUGHEY JC, DEGNIM AC
MAYO CLINIC

Poster 11.

CHARACTERISTICS AND MICROBIOLOGY OF PATIENTS WITH PERFORATED APPENDICITIS

CATEGORY: CASE SERIES

AWAD SS, VAN DOORN EC, ELHABASH SI, SUBRAMANIAN
BAYLOR COLLEGE OF MEDICINE

Poster 12.

USING ANTIMICROBIAL SOLUTION FOR IRRIGATION IN PERFORATED APPENDICITIS TO
LOWER SURGICAL SITE INFECTION (SSI) RATES

CATEGORY: CASE SERIES

PARCELLS JP, MOORHEAD , MILESKI
UNIVERSITY OF TEXAS MEDICAL BRANCH

Poster 13.

OBESITY AND SITE-SPECIFIC INFECTION RISK IN THE ICU

CATEGORY: CLINICAL TRIALS

DOSSETT LA, SWENSON BR, METZGER , BONATTI , SAWYER RG, MAY AK
VANDERBILT UNIVERSITY MEDICAL CENTER

Poster 14.

EFFECTS OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) STATUS ON TRAUMA OUTCOMES: A
REVIEW OF THE NATIONAL TRAUMA DATABASE

CATEGORY: OTHER

MORRISON CA, WYATT MM, CARRICK MM
BAYLOR COLLEGE OF MEDICINE

Poster 15.

INITIATION OF A SCREENING PROTOCOL FOR POLYOMA VIRUS RESULTS IN A DECREASED
RATE OF OPPORTUNISTIC NON-BK VIRAL DISEASE IN RENAL TRANSPLANT RECIPIENTS

CATEGORY: CLINICAL TRIALS

GALLICHIO , ELBAHLOUL , CONTI DJ
ALBANY MEDICAL COLLEGE

Poster 16.

CAN WE USE C-REACTIVE PROTEIN IN SEVERELY BURNED PEDIATRIC PATIENTS AS A
PREDICTOR FOR MORBIDITY, MORTALITY, OR SEPSIS?

CATEGORY: CLINICAL TRIALS

KULP GA, CHINKES DL, GAUGLITZ GG, HERNDON DN, JESCHKE MG
SHRINERS HOSPITALS FOR CHILDREN

Poster 17.

DECREASED GENERATION OF AN IMMUNOSUPPRESSIVE SUBSET OF NEUTROPHILS IN
SEVERELY BURNED PATIENTS TREATED WITH PROPRANOLOL

CATEGORY: BASIC SCIENCE - IN VITRO

SHIGEMATSU , JESCHKE MG, KOBAYASHI , HERNDON DN, SUZUKI
SHRINERS HOSPITALS FOR CHILDREN

Poster 18.

OPTIMAL GANCICLOVIR PROPHYLAXIS TO PREVENT CYTOMEGALOVIRUS REACTIVATION IN
IMMUNOCOMPETENT HOSTS

CATEGORY: BASIC SCIENCE - IN VIVO

FORSTER , ZIMMERMAN , TRGOVCICH , COOK
THE OHIO STATE UNIVERSITY

Poster 19.

APACHE II STRATIFIES SURGICAL ICU INFECTION RATES

CATEGORY: CLINICAL TRIALS

GUILLAMONDEGUI OD, DOSSETT LA, SAWYER RG, MAY AK
VANDERBILT UNIVERSITY MEDICAL CENTER

Poster 20.

EARLY EXTUBATION OF ORTHOTOPIC LIVER TRANSPLANT (OLT) PATIENTS: IMPACT
ON VENTILATOR ASSOCIATED PNEUMONIA (VAP)

CATEGORY: CLINICAL TRIALS

VON RIEDENAUER WB, MALLAT , KNIPP BS, CHERRY-BUKOWIEC JR, ZALEWSKI CA, PUNCH ,
PARK , NAPOLITANO LM
UNIVERSITY OF MICHIGAN

Poster 21.

UTILIZING NSQIP TO IDENTIFY APPROPRIATE PERIOPERATIVE ANTIBIOTIC TIMING

CATEGORY: CLINICAL TRIALS

GUNTER , MARTIN BJ, GUILLAMONDEGUI OD
VANDERBILT UNIVERSITY MEDICAL CENTER

Poster 22.

SOLID ORGAN RECIPIENTS ARE AT INCREASED RISK OF CLOSTRIDIUM DIFFICILE COLITIS

CATEGORY: CLINICAL TRIALS

BONATTI , METZGER , SWENSON BR, PRUETT TL, SCHMITT TM, SIFRI CD, BRAYMAN K , SAWYER
RG
UVA

19:00-21:00

WELCOME RECEPTION

POOL DECK

Sponsored by Ortho-McNeil

THURSDAY, May 8, 2008

06:30-07:45 AM **SUNRISE SYMPOSIUM I** **BARNWELL**
Multi-drug-resistant Organisms (MDROs): What's New?
(Supported by an unrestricted educational grant from Wyeth Pharmaceuticals)

Moderator: Philip S. Barie MD, MBA

1. Resistant Gram-negative Pathogens: What are the Real Costs?
2. Resistant Gram-positive Pathogens: What are the Issues?
3. The CDC MDRO Guidelines

Robert Sawyer MD, Charlottesville, VA
Marcus Zervos MD, Detroit, MI
Philip S. Barie MD, New York, NY

08:00-11:00 AM **PARALLEL SESSION I** **BARNWELL**
Fundamental Mechanisms of Surgical Infection (Papers 9 – 18)

Moderators: John C. Marshall MD
Ping Wang MD

Paper 9.

ACID SPHINGOMYELINASE MEDIATES EARLY AKT PHOSPHORYLATION AND SRC KINASE ACTIVATION FOLLOWING OXIDATIVE STRESS IN MURINE MACROPHAGES.

CATEGORY: BASIC SCIENCE - IN VITRO

TAWADROS PS, AILENBERG , CANTOS , SZASZI , KAPUS , MARSHALL JC, ROTSTEIN OD
ST. MICHAEL'S HOSPITAL, UNIVERSITY OF TORONTO

Discussant: James Lederer PhD

Paper 10.

THE TLR9 LIGAND CPG-DNA REDUCES TLR4-MEDIATED BACTERIAL TRANSLOCATION IN VITRO AND DURING SYSTEMIC ENDOTOXEMIA

CATEGORY: BASIC SCIENCE - IN VIVO

GRIBAR SC, RICHARDSON WM, NEAL MD, BRANCA MF, DUBOWSKI TD, KOHLER JW, LI , SODHI CP, HACKAM DJ
CHILDREN'S HOSPITAL OF PITTSBURGH

Discussant: Ori Rotstein MD

Paper 11.

KLEBSIELLA INDUCES A STATE OF TOLERANCE IN A CHRONIC MODEL OF PERITONITIS.

CATEGORY: BASIC SCIENCE - IN VIVO

LENZ AM, GARDENER , PEYTON , CHEADLE
UNIVERSITY OF LOUISVILLE

Discussant: Edwin Deitch MD

Paper 12.

HOW OLD IS OLD ENOUGH: IN THE ADULT STEM CELL POPULATION, IS THERE AN AGE THRESHOLD FOR OPTIMUM FUNCTIONALITY?

CATEGORY: BASIC SCIENCE - IN VITRO

MARKEL TA, CRISOSTOMO PR, WANG , WANG , LAHM , NOVOTNY NM, MELDRUM DR
INDIANA UNIVERSITY

Discussant: David Hackam MD

Paper 13.

PROPRANOLOL INHIBITS THE CONVERSION OF RESIDENT MACROPHAGES IN SEVERELY BURNED PATIENTS

CATEGORY: BASIC SCIENCE - IN VITRO

SHIGEMATSU , JESCHKE MG, KOBAYASHI , HERNDON DN, SUZUKI
SHRINERS HOSPITALS FOR CHILDREN

Discussant: Basil Pruitt MD

Paper 14.

PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA COACTIVATOR-1ALPHA REGULATES HEPATOCYTE NUCLEAR FACTOR-4ALPHA ACTIVITIES DURING THE ACUTE PHASE RESPONSE

CATEGORY: BASIC SCIENCE - IN VITRO

WANG Z, BURKE PA
BOSTON UNIVERSITY SCHOOL OF MEDICINE

Discussant: Matthew Rosengart MD

Paper 15.

VIRULENCE ACTIVATION BEYOND THE QUORUM: LOCAL INTESTINAL PHOSPHATE AND IRON GOVERN THE DEVELOPMENT OF LETHAL GUT-DERIVED SEPSIS

CATEGORY: BASIC SCIENCE - IN VIVO

ZABORINA , ZABORIN , LONG , HOLBROOK , GERDES , MOROZOVA , LIU DC, ALVERDY JC
UNIVERSITY OF CHICAGO

Discussant: Philip Barie MD, MBA

Paper 16.

GENE EXPRESSION IN HUMAN MONOCYTES WITH EPINEPHRINE INFUSION PRIOR TO LPS CHALLENGE

CATEGORY: BASIC SCIENCE - IN VIVO

WATSON SB, COYLE SM, MACOR MA, CALVANO JE, REDDEL MT, KUMAR , CALVANO SE, LOWRY SF

UMDNJ ROBERT WOOD JOHNSON MEDICAL SCHOOL

Discussant: Lyle Moldaver PhD

Paper 17.

HEMORRHAGIC SHOCK REGULATION OF NEUTROPHIL EMIGRATION FROM BONE MARROW: ROLE FOR TLR4-IL-23-IL-17 SIGNALING

CATEGORY: BASIC SCIENCE - IN VIVO

LIU , YUAN , WILSON , FAN
UNIVERSITY OF PITTSBURGH

Discussant: John Marshall MD

Paper 18.

LACTOBACILLUS PROTECTS ENTEROCYTES FROM ENTEROBACTER SAKAZAKII INDUCED APOPTOSIS BY ALTERING INDUCIBLE NITRIC OXIDE (INOS) PRODUCTION AND ATTENUATING CYTOCHROME RELEASE FROM MITOCHONDRIA.

CATEGORY: BASIC SCIENCE - IN VIVO

HUNTER CJ, WILLIAMS ML, ZHANG , BOYLE PA, GRISHIN AV, PRASADARAO NV, FORD HR
CHILDRENS HOSPITAL LOS ANGELES

Discussant: Edwin Deitch MD

08:00-11:00 AM

PARALLEL SESSION II

CALIBOGUE/DANNER

Clinical Investigations in Surgical Infection (Papers 19-28)

Moderators: Philip S. Barie MD, MBA
Ori Rotstein MD

Paper 19.

SURGICAL SITE INFECTION (SSI) PREVENTION: THE GAP BETWEEN EVIDENCE AND PRACTICE IN ACADEMIC MEDICAL CENTERS

CATEGORY: OTHER

ESKICIOGLU , CHUNG , FENECH , NATHENS AB, GAGLIARDI AR, FORBES SS, MCKENZIE ,
MCLEOD RS

UNIVERSITY OF TORONTO

Discussant: E. Patchen Dellinger MD

Paper 20.

A MULTI-CENTER, PROSPECTIVE STUDY OF GENDER, CRITICAL ILLNESS, INFECTION, AND MORTALITY.

CATEGORY: CLINICAL TRIALS

METZGER , SWENSON , DOSSETT , POPOVSKY , BONATTI , EVANS , HEDRICK, PRUETT , MAY ,
SAWYER

UNIVERSITY OF VIRGINIA

Discussant: Martin Croce MD

Paper 21.

INTENSIVE INFECTION CONTROL STRATEGIES AND DECREASING INFECTION WITH MULTI-DRUG RESISTANT ORGANISMS (MDRO) DESPITE HIGH COLONIZATION RATE

CATEGORY: CLINICAL TRIALS

MALLAT AF, RIEDENAUER WB, KNIPP , CHERRY-BUKOWIEC JR, ZALEWSKI , CHENOWETH ,
PARK PK, NAPOLITANO LM

UNIVERSITY OF MICHIGAN

Discussant: Sandra Swoboda RN MS

Paper 22.

PRIOR ANTIBIOTIC THERAPY AND RISK OF SUBSEQUENT C. DIFFICILE INFECTION IN SURGICAL PATIENTS: WHAT ARE THE ROLES OF METRONIDAZOLE AND FLUOROQUINOLONES?

CATEGORY: CLINICAL TRIALS

METZGER , SWENSON , BONATTI , HRANJEC , SAWYER , PRUETT

UNIVERSITY OF VIRGINIA

Discussant: John Mazuski MD

Paper 23.

PREOPERATIVE AND POSTOPERATIVE CHANGE IN GLUCOSE LEVEL AS A RISK FACTOR FOR POSTOPERATIVE INFECTIONS IN DIABETIC AND NONDIABETIC PATIENTS UNDERGOING MAJOR NONCARDIAC SURGERY

CATEGORY: CLINICAL TRIALS

RAMOS , KHALPEY , STEINBERG , PANIZALES , LIPSITZ , ROGERS SO
BRIGHAM AND WOMEN'S HOSPITAL

Discussant: Lena M. Napolitano MD

Paper 24.

CANDIDEMIA: INCIDENCE, PREVALENCE, PROPHYLAXIS AND SPECIES; WHAT WE HAVE LEARNED IN THE LAST 17 YEARS

CATEGORY: CASE SERIES

SWOBODA , MERZ , LIPSETT
JOHNS HOPKINS
Discussant: Robert Sawyer MD

Paper 25.

ANTIBIOTIC STEWARDSHIP PROGRAMS IN AN OPEN AND A CLOSED SURGICAL ICU MODEL: A SIX YEAR ANALYSIS

CATEGORY: CASE SERIES

DORTCH MJ, FLEMING , DOSSETT , TALBOT , MAY
VANDERBILT UNIVERSITY HOSPITAL
Discussant: Matthew Rosengart MD

Paper 26.

QUANTITATIVE MICROBIOLOGY IN 688 TRAUMA PATIENTS WITH VENTILATOR ASSOCIATED PNEUMONIA: IMPLICATIONS FOR EARLY BRONCOSCOPY AND EMPIRIC ANTIBIOTIC THERAPY

CATEGORY: CASE SERIES

MILLER RS, CARNEVALE RJ, NORRIS PR, RIORDAN WP, JENKINS JM, MAY AK, MORRIS JA
VANDERBILT UNIVERSITY MEDICAL CENTER
Discussant: Martin Croce MD

Paper 27.

WHO'S MONITORING YOUR INFECTIONS? SHOULDN'T YOU BE?

CATEGORY: OTHER

CLARIDGE JA, GOLOB JF, FADLALLA , D'AMICO , PEERLESS JR, YOWLER CJ, MALANGONI MA
METROHEALTH MEDICAL CENTER
Discussant: Pamela Lipsett MD

Paper 28.

TRENDS IN POSTOPERATIVE SEPSIS: A POPULATION-BASED ANALYSIS OF OCCURRENCE, SEVERITY, MORTALITY, AND ASSOCIATED PATHOGENS

CATEGORY: OTHER

VOGEL TR, DOMBROVSKIY VY, LOWRY SF
UMDNJ-ROBERT WOOD JOHNSON MEDICAL SCHOOL
Discussant: Addison May MD

11:00-12:00 PM

PRESIDENTIAL ADDRESS
Staying Connected in Challenging Times

CALIBOGUE / DANNER

Stephen F. Lowry MD, MBA, Professor and Chair, Department of Surgery, UMDNJ-Robert Wood Johnson Medical School, Robert Wood Johnson University Hospital, New Brunswick, NJ

Introduction by John C. Marshall MD, St. Michael's Hospital, University of Toronto, Toronto, Canada

12:00-13:00 PM

LUNCHEON SYMPOSIUM II
Current Challenges in Surgery: Complicated Skin and Soft Tissue Infections
(Supported by an unrestricted educational grant from Ortho McNeil)

BARNWELL

Moderator: Lena M. Napolitano MD

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| 1. Case Presentation and Audience Response System | Lena Napolitano MD, FACS,
Ann Arbor, MI |
| 2. Controversies in Skin Infections: Changing Epidemiology
& Management | Samir S. Awad MD, Houston, TX |
| 3. Maximizing the Antibiotic Armamentarium: Strategies
for the Future | Donald Fry MD, Chicago, IL |

12:00-13:00

FELLOWSHIP LUNCH

GAZEBO

13:30 – 15:30

PARALLEL SESSION III

CALIBOGUE / DANNER

Understanding the Host Response to Surgical Infection. (Papers 29-34)

Moderators: John Alverdy MD
Andreas Lenz MD

Paper 29.

ESTROGEN RECEPTOR-ALPHA AGONIST PPT ATTENUATES ACUTE HYPOXIC PULMONARY VASOCONSTRICTION (HPV)

CATEGORY: BASIC SCIENCE - IN VITRO

LAHM , CRISOSTOMO PR, MARKEL TA, WANG , NOVOTNY NM, WANG , MELDRUM DR
INDIANA UNIVERSITY SCHOOL OF MEDICINE

Discussant: Joseph Cuschieri MD

Paper 30.

PHOSPHODIESTERASE INHIBITION DECREASES BREAKDOWN OF THE TIGHT JUNCTION PROTEINS OCCLUDIN AND ZO-1 IN IMMUNOSTIMULATED CACO-2 INTESTINAL MONOLAYERS

CATEGORY: BASIC SCIENCE - IN VITRO

COSTANTINI TW, DEREZ , LOOMIS , BANSAL , ELICEIRI , COIMBRA
UNIVERSITY OF CALIFORNIA- SAN DIEGO

Discussant: William Cioffi MD

Paper 31.

KETAMINE PREVENTS LPS-INDUCED HEPATIC INJURY: ROLE OF HO-1 AND CARBON MONOXIDE

CATEGORY: BASIC SCIENCE - IN VIVO

WARD JL, SULIBURK JW, ZUCKERBRAUN B, MERCER DW
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Discussant: Walter Biffl MD

Paper 32.

NEUTROPHIL ELASTASE INHIBITOR RESTORES GUT ISCHEMIA REPERFUSION-INDUCED IMPAIRMENT OF GUT IMMUNITY WITH REDUCED PLASMA IL-6 LEVELS IN MICE

CATEGORY: BASIC SCIENCE - IN VIVO

TANABE , FUKATSU , MAESHIMA , NOGUCHI , OMATA , OKAMOTO , SAITOH

Discussant: John Alverdy MD

Paper 33.

SEVERITY OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA)-INDUCED
VASCULAR LEAKAGE IS MEDIATED BY EXCESSIVE NITRIC OXIDE

CATEGORY: BASIC SCIENCE - IN VIVO

ENKHBAATAR , JONKAM , TRABER , LANGE , HAMAHATA , HERNDON , TRABER
UNIVERSITY OF TEXAS MEDICAL BRANCH

Discussant: Stephen Lowry MD

Paper 34.

CD4+FOXP3+ REGULATORY T CELLS ARE ACTIVATED BY INJURY

CATEGORY: BASIC SCIENCE - IN VIVO

TAJIMA , MACCONMARA , O'LEARY , DELISLE , MANNICK , KUCHROO , LEDERER
BRIGHAM AND WOMEN'S HOSPITAL HARVARD MEDICAL SCHOOL

Discussant: David Greenhalgh MD

13:30 – 15:30 PM

PARALLEL SESSION IV

BARNWELL

Outcomes Studies in Surgical Infection. (Papers 35-40)

Moderators: Pamela Lipsett MD
John Mazuski MD

Paper 35.

RANDOMIZED, MULTICENTER TRIAL OF ANTIBIOTIC PROPHYLAXIS FOR ABDOMINAL
RADICAL HYSTERECTOMY IN PATIENTS WITH UTERINE CERVICAL CANCER: SINGLE
DOSE VS 4 DOSES OF A SECOND-GENERATION CEPHALOSPORIN

CATEGORY: CLINICAL TRIALS

MIKAMO , YAMAGISHI
AICHI MEDICAL UNIVERSITY

Discussant: Shinya Kusachi MD PhD

Paper 36.

THE EFFECTS OF PREOPERATIVE SKIN PREPARATION ON POSTOPERATIVE WOUND
INFECTION: A PROSPECTIVE STUDY COMPARING THREE SKIN PREPARATION PROTOCOLS

CATEGORY: CLINICAL TRIALS

SWENSON BR, HEDRICK , BONATTI , METZGER , PRUETT TL, SAWYER RG
UNIVERSITY OF VIRGINIA HEALTH SYSTEM

Discussant: Soumitra Eachempati MD

Paper 37.

PREVENTION OF WOUND INFECTIONS INCORPORATING THE USE OF TOPICAL ANTIBIOTICS
IN MORBIDLY OBESE PATIENTS

CATEGORY: CLINICAL TRIALS

ALEXANDER JW, RAHN , GOODMAN HR
CENTER FOR SURGICAL WEIGHT LOSS, UNIVERSITY OF CINCINNATI COLLEGE OF MEDICINE

Discussant: Donald Fry MD

Paper 38.

INSULIN RESISTANCE HERALDS POSITIVE CULTURES AFTER SEVERE INJURY

CATEGORY: CASE SERIES

MOWERY NT, CARNEVALE , NORRIS , DORTCH MJ, MORRIS, JR JA, MAY AK
VANDERBILT UNIVERSITY

Discussant: Charles Adams MD

Paper 39.

ANTIMICROBIAL UTILIZATION PRACTICES AND WOUND MANAGEMENT IN PATIENTS WITH
INTRA-ABDOMINAL INFECTION (IAI).

CATEGORY: OTHER

WOLTER NE, XIONG , COHN , ARBABI , MAY , JOHNSON , NATHENS AB
ST. MICHAELS HOSPITAL

Discussant: Philip S. Barie MD, MBA

Paper 40.

THE SURGICAL SITE INFECTION WORKING GROUP: THE IMPLEMENTATION OF EVIDENCE-
BASED PRACTICES FOR WOUND INFECTION PROPHYLAXIS

CATEGORY: OTHER

FORBES SS, STEPHEN WJ, HARPER WL, LOEB , SMITH , CHRISTOFFERSEN EP, MCLEAN RF
UNIVERSITY OF TORONTO

Discussant: Joseph Cuschieri MD

15:30-17:30 PM

Poster Session II. (Posters 23-54)

FORT WALKER

Basic and Clinical studies in surgical infection.

Moderators: Joseph Cuschieri MD (Posters 23–38)
Brian Zuckerbraun MD (Posters 23–38)
Charles Adams MD (Posters 39–54)
Meghan Forster MD (Posters 39–54)

Poster 23.

SUBCUTANEOUS CONTINUOUS GLUCOSE MONITORING (CGM) IS ACCURATE BUT IMPRECISE
IN EDEMATOUS TRAUMA PATIENTS

CATEGORY: CLINICAL TRIALS

PIDCOKE HF, WOLF SE, HOLCOMB JB, WADE CE
UNIVERSITY OF TEXAS, HEALTH SCIENCE CENTER, SAN ANTONIO

Poster 24.

PROPRANOLOL DECREASES CARDIAC DYSFUNCTION IN A DOSE-DEPENDENT MANNER IN
PEDIATRIC BURN PATIENTS

CATEGORY: CLINICAL TRIALS

WILLIAMS FN, JESCHKE MG, NORBURY , KULP GA, GAUGLITZ GG, BRANSKI LK, HERNDON DN
SHRINERS HOSPITALS FOR CHILDREN

Poster 25.

PROCALCITONIN IS A PREDICTIVE MARKER FOR INFECTED PANCREATIC NECROSIS

CATEGORY: CLINICAL TRIALS

LITVIN AA, GENNADIY
GOMEL REGIONAL CLINICAL HOSPITAL

Poster 26.

ARE THERE REALLY 'LOW-RISK' AND 'HIGH-RISK' INFECTIONS IN THE INTENSIVE CARE UNIT (ICU)?

CATEGORY: CLINICAL TRIALS

HRANJEC , METZGER , SWENSON , BONATTI , HEDRICK , FLOHR , MCELEARNEY , POPOVSKY , PRUETT , SAWYER
UNIVERSITY OF VIRGINIA

Poster 27.

CAN WE PREDICT INTRA-ABDOMINAL ABSCESS AFTER DAMAGE CONTROL SURGERY?

CATEGORY: CLINICAL TRIALS

COTHREN , MOORE EE, KASHUK JL, JOHNSON JL, BIFFL WL
DENVER HEALTH MEDICAL CENTER

Poster 28.

CRITICAL ILLNESS AS ECOLOGICAL COLLAPSE: MODELING THE IMPACT OF STRESS, ISCHEMIA, AND THERAPY ON HOST-BACTERIAL ECOLOGY IN THE GUT

CATEGORY: OTHER

AN , SHAPIRO , CRANDALL , ISSA , WEST
NORTHWESTERN UNIVERSITY

Poster 29.

EMERGENCE OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS AS A CAUSATIVE PATHOGEN IN EARLY VENTILATOR-ASSOCIATED PNEUMONIA IN TRAUMA PATIENTS: SHOULD WE BE WORRIED?

CATEGORY: OTHER

MAGNOTTI LJ, CLEMENT LP, SWANSON , FISCHER , SCHROEPPPEL , FABIAN , CROCE
UNIVERSITY OF TENNESSEE HEALTH SCIENCE CENTER

Poster 30.

IS THERE A BENEFIT TO MULTI-DISCIPLINARY ROUNDS IN AN "OPEN" ICU REGARDING VENTILATOR-ASSOCIATED PNEUMONIA?

CATEGORY: OTHER

JOHNSON , MANGRAM , MITCHELL , DUNN , HOWARD
METHODIST HOSPITAL

Poster 31.

DAPTOMYCIN OUTCOMES FOLLOWING VANCOMYCIN TREATMENT OF SURGICAL SITE INFECTIONS

CATEGORY: OTHER

LAMP , MARTONE
CUBIST

Poster 32.

INADEQUATE ANTIBIOTIC THERAPY WITHIN 24 HOURS FOR INFECTION IN SOLID ORGAN TRANSPLANT PATIENTS IS ASSOCIATED WITH INCREASED MORTALITY

CATEGORY: OTHER

LUPEI MI, MANN HJ, BEILMAN GJ, OANCEA , CHIPMAN JG
COLLEGE OF PHARMACY, UNIVERSITY OF MINNESOTA

Poster 33.

THE ASSOCIATION WITH THE USE OF ERYTHROPOIETIN WITH POSTOPERATIVE COMPLICATIONS IN CARDIAC SURGERY

CATEGORY: OTHER

MATT , KUO , KING , PARIKH , MORRIS , DAVIS
JERSEY SHORE UNIVERSITY MEDICAL

Poster 34.

THE INCIDENCE OF IRON DEFICIENCY IN CARDIAC SURGERY PATIENTS

CATEGORY: OTHER

PARIKH , KUO , BUTLER , KING , MORRIS , NEIBART , DAVIS
JERSEY SHORE UNIVERSITY MEDICAL

Poster 35.

IMMUNONUTRITION IN PATIENTS UNDERGOING SURGERY FOR UPPER GASTROINTESTINAL MALIGNANCIES: A COMPARISON OF PRE-, POST- AND PERIOPERATIVE SUPPLEMENTATION STRATEGIES USING DECISION ANALYSIS

CATEGORY: OTHER

HAYWARD III T'Z, ARMSTRONG ZE, ROCHE PL, SITZMAN JV, HOWARD T'J
INDIANA UNIVERSITY SCHOOL OF MEDICINE

Poster 36.

DOES SPLENECTOMY PROTECT AGAINST IMMUNE-MEDIATED COMPLICATIONS IN BLUNT TRAUMA PATIENTS?

CATEGORY: OTHER

CRANDALL , SHAPIRO , WEST
NORTHWESTERN UNIVERSITY

Poster 37.

IS ERYTHROPOIETIN (EPO) LESS EXPENSIVE THAN BLOOD? COST ANALYSIS OF 2048 PATIENTS HAVING CORONARY ARTERY BYPASS SURGERY (CABG)

CATEGORY: OTHER

DAVIS , KUO , MORRIS , NEIBART
JERSEY SHORE UNIVERSITY MEDICAL

Poster 38.

AN ANTIMICROBIAL STEWARDSHIP PROGRAM OPTIMIZES ANTIMICROBIAL UTILIZATION IN SURGICAL PATIENTS

CATEGORY: OTHER

BOESER KD, BEILMAN GJ, CHIPMAN JG, BYRNES MC
UNIVERSITY OF MINNESOTA

Poster 39.

PERIPHERALLY INSERTED CENTRAL CATHETERS (PICCS) MAY LOWER THE INCIDENCE OF CATHETER-RELATED BLOOD STREAM INFECTIONS (CR-BSIS) IN SURGICAL INTENSIVE CARE UNIT (SICU) PATIENTS

CATEGORY: OTHER

GUNST , VANEK , GUNST , SHAFI , FRANKEL
UT SOUTHWESTERN

Poster 40.

THE RELATIONSHIP OF MULTI-DRUG RESISTANCE AND THE NON-ANTIMICROBIAL USE OF ERYTHROMYCIN IN A SURGICAL INTENSIVE CARE UNIT

CATEGORY: OTHER

PATEL , DORTCH MJ, COLLIER , DOSSETT , MOWERY , MAY
VANDERBILT UNIVERSITY HOSPITAL

Poster 41.

RISK FACTORS FOR EMPYEMA FOLLOWING DIAPHRAGMATIC INJURY: RESULTS OF A NATIONAL TRAUMA DATABANK ANALYSIS

CATEGORY: OTHER

DUBOSE JJ, BAMPARAS , RECINOS , TEIXEIRA PG, BELZBERG , INABA
LOS ANGELES COUNTY AND UNIVERSITY OF SOUTHERN CALIFORNIA HOSPITAL

Poster 42.

PREDICTORS OF BREAKING PROTOCOL FOR BLOOD CONSERVATION IN CORONARY ARTERY BYPASS (CABG) SURGERY PATIENTS

CATEGORY: OTHER

KUO , MORRIS , DAVIS
JERSEY SHORE UNIVERSITY MEDICAL

Poster 43.

PROPHYLACTIC METRONIDAZOLE DECREASES THE INCIDENCE AND SEVERITY OF CLOSTRIDIUM DIFFICILE INFECTION IN LUNG TRANSPLANT PATIENTS.

CATEGORY: CASE SERIES

CHO SW, SIMMONS RL, MCCURRY , ZUCKERBRAUN BS
UNIVERSITY OF PITTSBURGH

Poster 44.

MORTALITY FROM NECROTIZING FASCIITIS AFFECTED BY TIME TO OPERATIVE DEBRIDEMENT

CATEGORY: CASE SERIES

HODGES JC, CARRICK MM, NORMAN MA, LEE TC, PHAM HQ
BAYLOR COLLEGE OF MEDICINE, MICHAEL E. DEBAKEY DEPARTMENT OF SURGERY

Poster 45.

PROSPECTIVE EVALUATION OF ADRENAL RESPONSIVENESS AND THE INFLUENCE OF ADRENAL INSUFFICIENCY ON MORTALITY OF SEPTIC SHOCK

CATEGORY: CASE SERIES

BARIE PS, HYDO LJ, SHOU , EACHEMPATI SR
WEIL CORNELL MEDICAL COLLEGE

Poster 46.

SCIP INFECTION GUIDELINES: IS COMPLIANCE SYNONYMOUS WITH APPROPRIATE CARE?

CATEGORY: CASE SERIES

MEEKS DW, CARRICK MM, LEW DF, THOMAS EJ, LALLY KP, KAO LS
UNIVERSITY OF TEXAS AT HOUSTON

Poster 47.

RATES OF VENTILATOR ASSOCIATED PNEUMONIA ARE HIGHER IN PATIENTS UNDERGOING THORACOABDOMINAL AORTIC ANEURYSMECTOMY COMPARED TO INFRARENAL OR PARARENAL ANEURYSMECTOMY

CATEGORY: CASE SERIES

KNIPP BS, VON RIEDENAUER WB, CHERRY-BUKOWIEC JR, MALLAT , ZALEWSKI ,
MELDRUM , NAPOLITANO LM, HENKE PK
UNIVERSITY OF MICHIGAN

Poster 48.

ETIOLOGIES OF MARKED LEUKOCYTOSIS AMONG CRITICALLY ILL TRAUMA PATIENTS

CATEGORY: CASE SERIES

BYRNES MC, THORSON
UNIVERSITY OF MINNESOTA

Poster 49.

IS THERE ANY BENEFIT OF EXOGENOUS ERYTHROPOIETIN FOLLOWING LONG BONE AND PELVIC FRACTURES?

CATEGORY: CASE SERIES

AHMED , KUO
JERSEY SHORE UNIVERSITY MEDICAL CENTER

Poster 50.

ALCALIGINES SP.: A RELATIVELY UNCOMMON CAUSE OF INFECTION IN THE TICU

CATEGORY: CASE SERIES

MAISH III GO, SWANSON , BEE TK, MINARD, MAGNOTTI LJ, ZARZAUR, SCHROEPPPEL, CROCE MA,
FABIAN TC
UTHSC

Poster 51.

ACUTE WOUND CLOSURE FOLLOWING HEAD ZYGOMYCOSIS- PRESENTATION OF 2 CASES.

CATEGORY: CASE SERIES

ADLER , SEITZ IA, GOTTLIEB LJ
UNIVERSITY OF CHICAGO

Poster 52. (POSTER WITHDRAWN)

INFECTIOUS COMPLICATIONS AFTER STAPLED HEMORRHOIDOPEXY

CATEGORY: CASE SERIES

RAAHAVE , HALBERG
SURGICAL DPT. COPENHAGEN UNIVERSITY HOSPITAL HELSINGORE

Poster 53.

EPSTEIN BARR VIRUS INFECTION ASSOCIATED WITH ACALCULOUS CHOLECYSTITIS AND ATYPICAL SEROLOGICAL RESPONSE

CATEGORY: OTHER

CONTANTINESCU , SCAUNASU , CASEY , LIU , ALPERT , FRANK , DAVIS
JERSEY SHORE UNIVERSITY MEDICAL

Poster 54.

SALVAGE SUBTOTAL COLECTOMY FOR LIFE-THREATENING LOWER GASTROINTESTINAL HEMORRHAGE SECONDARY TO UNDIAGNOSED GASTROINTESTINAL HISTOPLASMOSIS IN AN HIV+ PATIENT

CATEGORY: OTHER

RAY PS, KODURU , CASEY , MATULEWICZ , DAVIS JM
RWJUH-UMDNJ

17:30-18:30 PM	SIS ANNUAL BUSINESS MEETING John C. Marshall MD, Presiding	CALIBOGUE/DANNER
19:00-20:00 PM	RECEPTION	SAVANNAH FOYER
20:00-22:00 PM	AWARDS BANQUET	BARNWELL

FRIDAY, MAY 9, 2008

06:30-07:45 AM SUNRISE SYMPOSIUM II CALIBOGUE/DANNER
Fungal Infections: New Strategies for Improved Outcomes
(Supported by an unrestricted educational grant from Pfizer)

Moderator: Pamela Lipsett, MD

1. Prophylaxis vs. Early Presumptive Therapy for Fungal Infections:
Where is the Balance? Pamela Lipsett MD, Baltimore, MD
2. Treatment Strategies for Invasive Fungal Infections: An Update Philip S. Barie MD, New York, NY
3. Points of Controversies in the Proposed Candidemia Guidelines Christian Sandrock MD, MPH,
Sacramento, CA

08:00-10:30 AM PARALLEL SESSION V CALIBOGUE/DANNER
Mechanistic Insights into the Development of Surgical Infection. (Papers 41-48)

Moderators: Timothy Billiar MD, FACS
Edwin Deitch MD, FACS

Paper 41.

A NOVEL HUMAN GLUCOCORTICOID RECEPTOR SPLICE VARIANT IS ASSOCIATED WITH PREMATURE TERMINATION IN THE LIGAND BINDING DOMAIN

CATEGORY: BASIC SCIENCE - IN VIVO

YEE , NGUYEN , GREEN , LAWLESS , NELSON-MOONEY , CURRI , CHO, GREENHALGH
SHRINERS HOSPITALS FOR CHILDREN NORTHERN CALIFORNIA

Discussant: Ori Rotstein MD

Paper 42.

GLOVE POWDER INCREASES STAPHYLOCOCCUS AUREUS ABSCESS RATE IN SPRAGUE-DAWLEY RATS

CATEGORY: BASIC SCIENCE - IN VIVO

SUDING PN, NGUYEN TT, GORDON , WILSON SE
UNIVERSITY CALIFORNIA, IRVINE

Discussant: Lewis Kaplan MD

Paper 43.

REGULATORY T CELLS CAN DIRECTLY SUPPRESS MACROPHAGE TOLL-LIKE RECEPTOR (TLR) RESPONSES

CATEGORY: BASIC SCIENCE - IN VITRO

O'LEARY , TAJIMA , MCKENNA , MCCONMARA , MANNICK , LEDERER
BRIGHAM AND WOMEN'S HOSPITAL HARVARD MEDICAL SCHOOL

Discussant: John Marshall MD

Paper 44.

MECHANISMS OF MACROPHAGE LPS TOLERANCE: BI-DIRECTIONAL MODULATION OF TNF SECRETION BY SUPERNATANT MEDIATORS INDUCED BY LPS PRETREATMENT

CATEGORY: BASIC SCIENCE - IN VITRO

KOONS , KRAMER , WEST MA
NORTHWESTERN UNIVERSITY

Discussant: Joseph Cuschieri MD

Paper 45.

INSULIN ATTENUATES THE ACUTE INFLAMMATORY RESPONSE AND IMPROVES SURVIVAL AFTER BURN WOUND INFECTION

CATEGORY: BASIC SCIENCE - IN VIVO

GAUGLITZ GG, WILLIAMS FN, TOLIVER-KINSKY TE, KULP GA, LEREW , CUI , HERNDON DN, JESCHKE MG

SHRINERS HOSPITALS FOR CHILDREN

Discussant: Mark Clemens PhD

Paper 46.

PROTEOMIC DIFFERENCES IN ADULT BURN SURVIVORS AND NONSURVIVORS

CATEGORY: BASIC SCIENCE - IN VIVO

FINNERTY CC, QIAN , KAUSHAL , JESCHKE MG, XIAO , LIU , GRITSENKO MA, MOORE RJ, CAMP II DG, KULP , MOLDAWER LL, ELSON , SCHOENFELD , GAMELLI , GIBRAN , HUNT , KLEIN , SILVER, REMICK D, SMITH RD, DAVIS , HERNDON DN, TOMPKINS RG

UNIVERSITY OF TEXAS MEDICAL BRANCH

Discussant: Saman Arbabi MD

Paper 47.

FMS-LIKE TYROSINE KINASE-3 LIGAND INCREASES THE HUMORAL IMMUNE RESPONSE TO BURN WOUND INFECTION

CATEGORY: BASIC SCIENCE - IN VIVO

TOLIVER-KINSKY , FANG , CUI , SHERWOOD

UNIVERSITY OF TEXAS MEDICAL BRANCH

Discussant: James Lederer PhD

Paper 48.

CALCIUM/CALMODULIN-DEPENDENT PROTEIN KINASE (CAMK) I MEDIATES IL-10 RELEASE DURING SEPSIS, IN VIVO.

CATEGORY: BASIC SCIENCE - IN VIVO

ZHANG , WHEELER , TANG , GUO , TSUNG , ROSENGART MM

UNIVERSITY OF PITTSBURGH

Discussant: Joseph Cuschieri MD

08:00-10:30 AM

PARALLEL SESSION VI

BARNWELL

Clinical Studies in Surgical Infection. (Papers 49-56)

Moderators: Donald E. Fry MD
Henri Ford MD

Paper 49.

MRSA AND VRE INFECTIONS ARE ASSOCIATED WITH A GREATER RISK FOR MORTALITY IN CRITICALLY INJURED TRAUMA PATIENTS

CATEGORY: CLINICAL TRIALS

LUMPKINS , BOCHICCHIO , JOSHI , BOCHICCHIO , CONWAY , SCALEA
UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

Discussant: Greg Beilman MD

Paper 50.

CLINICAL TRIALS OF SKIN AND SOFT TISSUE INFECTIONS: MISSING THE MARK

CATEGORY: CLINICAL TRIALS

HUSTED TL, MCCLAIN RJ, SOLOMKIN JS
UNIVERSITY OF CINCINNATI

Discussant: Samir S. Awad MD

Paper 51.

MONTHLY SCREENING PROTOCOL FOR POLYOMA VIRUS RESULTS IN AN ELIMINATION OF BK NEPHROPATHY AND PRESERVATION OF RENAL TRANSPLANT FUNCTION.

CATEGORY: CLINICAL TRIALS

GALLICCHIO , ELBAHLOUL , CONTI DJ
ALBANY MEDICAL COLLEGE

Discussant: Hugo Bonatti MD

Paper 52.

INCIDENCE OF SYNTHETIC MESH INFECTION IN VENTRAL HERNIA REPAIR. A 10 YEAR STUDY.

CATEGORY: CLINICAL TRIALS

KILBOURNE , BOCHICCHIO , ILAHI , RODRIGUEZ , BOCHICCHIO
UNIVERSITY OF MARYLAND SCHOOL OF MEDICINE

Discussant: Evan Nadler MD

Paper 53.

THE USE OF TRANSPULMONARY THERMODILUTION FOR HEMODYNAMIC MEASUREMENTS IN SEVERELY BURNED CHILDREN

CATEGORY: CLINICAL TRIALS

BRANSKI LK, JESCHKE MG, BYRD JF, NORBURY WB, SANFORD AP, WILLIAMS FN, BENJAMIN, MLCAK RP, HERNDON DN
SHRINERS HOSPITAL FOR CHILDREN

Discussant: Barbara A. Gaines MD

Paper 54.

CHANGING THE "FEVER WORKUP" UTILIZING A MULTI-MODELING TECHNIQUE APPROACH TO MORE ACCURATELY DIAGNOSE INFECTIONS

CATEGORY: OTHER

FADLALLA AM, GOLOB JF, CLARIDGE JA
METROHEALTH MEDICAL CENTER

Discussant: Donald Fry MD

Paper 55.

RISK FACTORS AND INFECTION-ASSOCIATED COMPLICATIONS IN SURGICAL CARE

CATEGORY: OTHER

FRY DE, PINE MB, JONES BL, MEIMBAN RJ
MICHAEL PINE AND ASSOCIATES
Discussant: William Cheadle MD

Paper 56.

HOLDING HOSTILE ORGANISMS AT BAY- THE COST OF ISOLATION

CATEGORY: OTHER

CHERRY-BUKOWIEC JR, DICKINSON , MELDRUM , ZALEWSKI , MALLAT , VON RIEDENAUER WB,
KNIPP , BRUNSVOLD , PARK , NAPOLITANO LM
UNIVERSITY OF MICHIGAN
Discussant: John Mazuski MD

10:30 – 11:30 AM ALTEMEIER LECTURE CALIBOGUE/DANNER
“The Inflammatory Reflex”

Kevin J. Tracey MD

Head, Susan and Herman Merinoff Center for Patient-Oriented Research
Director, Laboratory of Biomedical Science, The Feinstein Institute for Medical Research
Professor of Microbiology & Immunology, Albert Einstein College of Medicine

Introduction by John C. Marshall MD, St. Michael’s Hospital, University of Toronto, Toronto, Canada

11:30-13:00 PM LUNCHEON SYMPOSIUM III BARNWELL
Abdominal Infections and Sepsis: What’s New?
(Supported by an unrestricted educational grant from Schering-Plough)

Moderator: Robert Sawyer, MD

- | | |
|---|---------------------------------------|
| 1. SIS Guidelines for Pediatric Appendicitis | Barbara A. Gaines MD, Pittsburgh, PA |
| 2. Joint SIS/IDSA Guidelines for Intra-abdominal Infections | John Mazuski MD, St. Louis, MO |
| 3. Current Options for Antimicrobial Therapy of cIAI | Robert Sawyer MD, Charlottesville, VA |

13:00-14:30 PM SURGICAL IMMUNOLOGY SYMPOSIUM CALIBOGUE/DANNER
Honoring John Mannick, MD

Moderators: John Marshall MD, FACS
 James Lederer MS, PhD

Introduction

John Marshall MD, FACS

**History of the Julian & Eunice Cohen Laboratory
for Surgical Research**

James A. Lederer, MS, PhD

Professor, Departments of Surgery and Immunology
Harvard Medical School
Brigham and Women’s Hospital
Boston, MA

History of Surgical Immunology

Eugen Faist, MD

Professor of Surgery
Klinikum Grosshadern, Ludwig
Maximilians-University
Munich, Germany

John A. Mannick, MD

Moseley Distinguished Professor of Surgery
Department of Surgery
Harvard Medical School
Brigham and Women's Hospital
Julian & Eunice Cohen Laboratory for Surgical Research
Boston, MA

Closing Thoughts