

The Division of Surgical Research Seminar Series **2019**

Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in 2nd Floor Conf Rm, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 9	Zachary Wilson, BS <i>Grad. Student (PhD Thesis defense), Grad. Pathobiol. Prog. Brown Univ., Providence, RI</i>	“Role of Vinculin in Neutrophil Function”
January 22	Daithi Heffernan, MD. <i>Assoc. Prof. Surgery, Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“No worst there is none - the long-term impact of surviving sepsis”
February 5	Brittany Neumann, PhD <i>Post-Doc. Fellow/Res. Assoc. RI Hospital/Brown Univ., Providence, RI</i>	“Mechanotyping Neutrophils with Microfluidics”
February 12	Alexey Fedulov, PhD <i>Assist. Prof. Surgery (Res.), Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“Talc in Ovarian Cancer”
February 19	Chyna Gray, BA <i>Grad. Student, MCB Grad. Prog. Brown Univ., Providence, RI</i>	“The role of negative checkpoint regulator, VISTA, in sepsis”
March 5	Chathuraka Jayasuriya, PhD <i>Assist. Prof. Orthopaedics RI Hospital/ Brown Univ. Providence, RI</i>	“Limitations of cell-based cartilage repair/regeneration: Can we engineer the perfect cell?”
March 19	Lauren Oldfield, PhD <i>Assist. Prof., J Craig Venter Institute Rockville, MD</i>	“Synthetic viral genomics for DNA viruses”
April 2	Joshua Cohen, MD <i>T32-NRSA Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Hemorrhage as conditioning for myeloid progenitor engraftment”
April 16	Hadley Witt, MA <i>Grad. Student, Patho. Grad. Prog. Brown Univ., Providence, RI</i>	“3D Traction Force Measurements Using Planar Epifluorescence Microscopy for Neutrophil Mechanics”
May 7	Michelle Wakeley, MD <i>Versaci Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“The Role of Checkpoint Inhibitors in Neonatal Sepsis”
May 14	Molly Palilonis, MD <i>Versaci Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Burn Care in Rural Kenya: A Needs Assessment”
May 28	Roberto Cortez, MD <i>T32-NRSA Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“The role of the chitosome in inflammation, fibrosis and cancer metastasis”
June 4	Chelsey Ciambella, MD <i>T32-NRSA Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Identification of a damaging subset of neutrophils that arises in septic patients.”
June 13	Baoji Hu, MD <i>Visiting Res. Sci. RI Hospital/Brown Univ., Providence, RI & Attending Physician, Dept. Anesthesia Shanghai Pudong Hospital/Fudan Univ.</i>	“The role of VISTA in the development of indirect-ARDS seen after shock/sepsis”
June 24	Pranita Sarangi, Ph.D. <i>Assistant Prof. of Biotechnology Indian Institute of Technology Roorkee, Roorkee, India</i>	“Immunomodulatory Role of Adhesion protein Fibulin7 in Inflammation and Cancer”
July 23	Jihong Jiang, MD, PhD <i>Visiting Res. Sci. RI Hospital/Brown Univ., Providence, RI & Physician, Dept. Anesthesia Shanghai Gen. Hosp., Shanghai Jiao Tong Univ. Sch. Med., Shanghai, China</i>	“Understanding the role of SHP-1/SHP-2 in the induction of AKI and iALI seen after shock/sepsis”

September 10	Brittany Neumann, PhD <i>BR RTP-T32-NRSA Post-Doc. Fellow</i> RI Hospital/Brown Univ., Providence, RI	“The Role of Regulatory Cytoskeletal Proteins in Neutrophil Stiffening and Transit through Model Pulmonary Capillary Constrictions”
October 8	Brian LeBlanc, PhD. <i>Assist. Prof., Dept. Surgery</i> RI Hospital/ Brown Univ. Providence, RI	“Neutrophil Modulation in Defense Against <i>C. albicans</i>”
October 22	Chyna Gray, BA <i>Grad. Student, MCB Grad. Prog.</i> Brown Univ., Providence, RI	“VISTA as an Enigma: Deciphering the Context-Specific Role of this Checkpoint Protein in Sepsis”
November 5	Alger Frederick, PhD., M.S. <i>Post-Doc. Fellow/Res. Assoc.</i> RI Hospital/Brown Univ., Providence, RI	“Gene expression, alternative RNA splicing, and alternative transcription start/end in acute respiratory distress syndrome.”
December 2* <i>Monday 4:30PM @ BIRDS</i>	Ping Wang, MD <i>C.S.O., Prof., Dept. Surgery.</i> Feinstein Inst/ Hofstra Sch Med, Manhasset, NY	"eCIRP-A Novel Therapeutic Target for Inflammation"
December 17	Meredith Crane, PhD, MS <i>Investigator, Dept. Mol. Micro. & Immunol.</i> Brown Univ. Providence, RI	“When to heal: shaping the course of inflammation in surgical wounds”

The Division of Surgical Research Seminar Series **2018**

Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in 2nd Floor Conf Rm, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 9	Vijay Boominathan, PhD <i>Research Fellow, Univ. Mass.- Dartmouth, Dartmouth, MA</i>	“Gene Therapy approach to identify genetic disorders at early embryonic cell differentiation and altered gene expression.”
January 23	Alexy Fedulov, Ph.D. <i>Assist. Prof. Surgery (Res.), Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“Epigenetic engineering in surgical research”
February 6	Daithi Heffernan, M.D. <i>Assist. Prof. Surgery, Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“The role of iNKT-cells in coordinating the response to acute critical illness”
February 14* <i>(Wednesday 12PM)</i>	Alfred Ayala, Ph.D., M.S. <i>Prof. Surgery (Res.), Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“Novel Roles for the Inhibitory Co-receptor, Programmed Cell Death Receptor (PD)-1, and its Ligands, in the Response to Sepsis/Shock”
February 20	Debra Banerjee, M.D. <i>Assist. Prof. Medicine RI Hospital/ Brown Univ. Providence, RI</i>	“The Role of Chi3L1 in Sepsis”
March 20	David Gregory, PhD <i>Instructor, Harvard Med. Sch. Researcher, Dept. Ped. Infect. Dis., Mass. Gen. Hospital, Boston, MA</i>	“Regulators of autophagy and inflammation in macrophage defense against intracellular pathogens.”
April 3	Roberto Cortez, MD <i>T32-NRSA Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Understanding the Role of the Chitosome in the Inflammatory Response, Fibrosis, and Cancer Metastasis”
April 17	Brittany Neumann, Ph.D. <i>Post-Doc. Fellow/Res. Assoc. RI Hospital/Brown Univ., Providence, RI</i>	“Mechanism of PTEN binding to model membranes.”
May 1	Molly Palilonis, M.D. <i>Versaci Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Burn Injury Epidemiology in the US and Abroad”
May 15	Laura Scrimgeour, M.D. <i>T32-NRSA Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Myocardial blood flow and inflammation in a porcine model of chronic myocardial ischemia with micro-vesicle treatment”
May 29	Eleanor Fallon, M.D. <i>Versaci Post-Doc. Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Acute lung injury following intra-abdominal sepsis in murine neonates is mediated by programmed cell death receptor-1’s effects on innate immune cells”
June 5	Tatiana Johnston, Ph.D. <i>Post-Doc. Fellow/Res. Assoc. RI Hospital/Brown Univ., Providence, RI</i>	“TBA.”
October 25	Shahjahan Miah, PhD <i>Res. Assoc., Dept. Mol. Micro. & Immunol. Brown Univ., Providence, RI</i>	“Role of SHP-2 in T, NKT and NK Cell Development and Function”
December 18	Alfred Ayala, PhD <i>Prof. Surgery, Dept. Surg. RI Hospital/ Brown Univ. Providence, RI</i>	“Animal models in sepsis research: benefits, risks, alternatives”

The Division of Surgical Research Seminar Series (2017):
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in 2nd Floor Conf Rm, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 17	Zachary Wilson, B.S. <i>Grad. Student, Pathobiology Grad. Prog.</i> Brown Univ., Providence, RI	“The role of Vinculin in Neutrophil Motility and Adhesion”
January 31	Jonathan Reichner, Ph.D. <i>Professor of Surgery</i> Lifespan-RI Hospital/ Brown Univ. Providence, RI	“Role of tissue microenvironments in regulating neutrophil migration and effector functions”
February 14	Jun Feng, M.D., Ph.D. <i>Assoc. Prof. Surgery</i> Lifespan-RI Hospital/ Brown Univ. Providence, RI	“Diabetic Regulation of KCA Channels and Coronary Endothelial Function”
March 9* <i>Part of Grad. Pathobio. Prog. @ 12 PM, Sidney Frank Hall-Marcuvitz Aud., Brown Univ.</i>	Alfred Ayala, Ph.D. <i>Professor of Surgery</i> Lifespan-RI Hospital/ Brown Univ. Providence, RI	“Pathological Processes in Shock/ Sepsis: A Novel Role for Co-Inhibitory Receptors/Check-point proteins”
March 14	Craig Lefort, Ph.D. <i>Assist. Prof. Surgery</i> Lifespan-RI Hospital/Brown Univ. Providence, RI	“Genome-Scale Screening of Neutrophils Using CRISPR-Cas9”
April 4	Bruce Levy, M.D., Ph.D. <i>Parker B. Francis Prof. Medicine</i> Brigham & Women’s Hospital/ Harvard University, Boston, MA	“Specialized Pro-Resolving Mediators in the Lung: New Mechanisms For Catabasis in the War on Inflammation”
April 11	Laura Scrimgeour, M.D. <i>T32-NRSA Fellow</i> RI Hospital/Brown Univ., Providence, RI	“Modulation of Myocardial Ischemia in a Porcine Model”
April 18	Marilyn Le, B.S. <i>NRSA Grad. Student fellow, MPPB/ Brown Univ., Providence, RI</i>	“A novel role for programmed cell death receptor-2 (PD-L2) in sepsis-induced hepatic dysfunction.”
April 25	Brittany Potz, M.D. <i>T32-NRSA Fellow</i> RI Hospital/Brown Univ., Providence, RI	“Calpain Inhibition Increases Myocardial Blood Flow in a Swine Model of Chronic Myocardial Ischemia and Metabolic Syndrome”
May 9	Eleanor Fallon, M.D. <i>Versaci Resident Fellow</i> RI Hospital/Brown Univ., Providence, RI	“Immune dysfunction in murine neonatal sepsis”
May 23	Peter Belenky, Ph.D. <i>Assist. Prof. Mol. Microbiol. & Immunol.</i> Brown Univ., Providence, RI	“Antibiotic Mechanisms and Microbial Metabolism”
August 28 <i>(Monday 4PM)</i>	Qian Yang, M.D., M.S. <i>Visiting Res. Scholar/ RI Hospital/ Brown Univ., Providence, RI</i> & <i>Shanghai E. Hospital, Shanghai, China</i>	“How does programmed cell death-1 ligand (PD-L1) expression on endothelial cells affect their permeability?”
September 12	Hadley Witt, B.S., M.S. <i>T32 Pre-Doc. Fellow/ Grad. Pathobiol. Prog.</i> Brown Univ., Providence, RI	“Mechanosensing of human neutrophils controls effector responses to fungal pathogens”
October 12-13	Div. Surg. Res.-Inflammation Sympo.	"SEE FLIER"
October 24	Brian LeBlanc, Ph.D., M.S. <i>Assist. Prof. Surg. (Res.), Dept. Surg.</i> RI Hospital/Brown Univ., Providence, RI	“The role of matrix proteins in neutrophil clustering and NETosis in response to fungal β-glucan”
November 7	Zachary Wilson, B.S. <i>Grad. Student, Grad. Pathobiol. Prog.</i> Brown Univ., Providence, RI	“The Role of Vinculin in Neutrophil β2 Integrin-Dependent Adhesion and Motility”

December 5	Roman Alpatov, Ph.D. <i>Post-Doc. Fellow, Div Surg Oncol/Dept. Surg.</i> Mass. Gen. Hospital, Boston, MA	“The Role of Fragile X Mental Retardation Protein FMRP in Cancer & Exosomal Histones as a Potential Diagnostic and Therapeutic Platform for Cancer”
December 12	Sean Monaghan, M.D. <i>Assist. Prof. Surgery, Dept. Surg.</i> RI Hospital/ Brown Univ. Providence, RI	“Mechanism and Impact of Alternative RNA Splicing During Critical Illness.”

For questions concerning seminars, schedule or location changes contact either: 444-5157 /E-mail: ccoto@lifespan.org
(Ms. Courtney Coto); ***NOTE: This seminar is a conjoined presentation between the Div. Surg. Res./Grad. Pathobiol. Program & starts at 12PM on Thursday at Ship St. Bldg.; #, this a Monday @ 4PM in NAB not Tuesday.**

The Division of Surgical Research Seminar Series 2016:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

Date:	Speaker:	Title:
January 12	Rachel Soemedi, Ph.D. <i>Postdoctoral fellow/ Dept. Mol. Cell & Biochem. (MCB), Brown Univ., Providence, RI</i>	“Disease-causing coding variation frequently affect pre-mRNA splicing”
January 26	Anne-Lise Rossi, Ph.D. <i>Postdoctoral fellow/ Dept. Surgery RI Hospital/Brown Univ., Providence, RI</i>	“PD-L2 , new target to attenuate Sepsis-Induced Liver Injury in a Mouse CLP Model”
February 9	Daithi Heffernan, M.D. <i>Assist. Prof. Surgery Lifespan-RI Hospital/ Brown Univ. Providence, RI</i>	“Sepsis Induced Changes in iNKT-Cells and Their Effect on Phagocyte Function.”
February 23	Zachary Wilson, B.S. <i>Grad. Student, Pathobiology Grad. Prog./ Brown Univ., Providence, RI</i>	“The Role of Vinculin in Neutrophil Recruitment.”
March 8	Joanne Lomas-Neira, Ph.D., M.S. <i>Assist. Prof. Surg. (Res.), Dept. Surg. RI Hosp./Brown Univ, Providence, RI</i>	“Angiopoietin/Tie pathway dysregulation following hemorrhage priming in the development of indirect ARDS”
March 22	Sean Monaghan, M.D. <i>Assist. Prof. Surgery Lifespan-RI Hospital/ Brown Univ. Providence, RI</i>	“Alternative Splicing and Critical Illness”
April 5	Marilyn Le, B.S. <i>Grad. Student, Dept. Mol. Pharm., Physiol. & Biotech. / Brown Univ., Providence, RI</i>	“A novel role for programmed cell death receptor ligand-2 (PD-L2) in sepsis-induced venous permeability.”
April 19	Catherine Dickinson, M.D. <i>T32-NRSA Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Leukadherin-1 a small molecule peptide Mac-1 agonist that protects the endothelial barrier from neutrophil disruption”
May 3	Eleanor Fallon, M.D. <i>Versaci Resident Fellow RI Hospital/Brown Univ., Providence, RI</i>	“The impact of Programmed Cell Death Receptor-1 (PD-1) on immune dysfunction in murine neonatal sepsis”
May 17	Tristen Chun, M.D. <i>Versaci Resident Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Innate Regulatory Lymphoid cells: What do they do & what regulates them in septic mice/humans?”
May 31	Brittany Potz, MD <i>T32-NRSA Fellow RI Hospital/Brown Univ., Providence, RI</i>	“Calpain Inhibition Moderates GSK-3B Pathways Improve Collateral Dependent Perfusion in a Swine Model of Chronic Myocardial Ischemia in the Setting of Metabolic Syndrome”
June 7	Hasan B. Alam, MD <i>Norman W. Thompson Professor & Head of Gen. Surgery Univ. Michigan, Ann Arbor, MI</i>	“Acetylation as a Pro-survival Strategy”
November 8	Alfred Ayala, Ph.D. <i>Professor of Surgery Lifespan-RI Hospital/ Br own Univ. Providence, RI</i>	“Immuno-Inflammatory mechanisms in shock/sepsis: what we are learning from innate regulatory lymphocytes.”
November 22	Bethany Biron, B.A., M.S. <i>Grad. Student, Pathobiology Grad. Prog. Brown Univ., Providence, RI</i>	“Do NETs Matter? Establishing a Role for Neutrophil Extracellular Traps in the Pathobiology of Indirect Acute Lung Injury.”

December 6	Alan Ross Morrison, M.D., Ph.D. <i>Assist. Prof. Medicine (Cardiology), VAMC/ Brown Univ., Providence, RI</i>	“Racs Modulate Vascular Calcification by Regulating Macrophage IL-1β Production”
December 20	Michael Harman, Ph.D. <i>Post-Doc. Fellow in RIH Surgery & Brown Engineering Brown Univ., Providence, RI</i>	"The Biophysics of Disease"

The Division of Surgical Research Seminar Series **2015:**

Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in 2nd Floor Conf Rm, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

DATE	SPEAKER	TITLE
January 20	Courtney M. Johnson, B.S. <i>Graduate Student</i> Pathobiology Program Brown University	“Aspects of the Regulation of Integrin Crosstalk during Human Neutrophil Adherence to Fibronectin and Beta-Glucan”
February 3	Tianzhu Tao, M.D., M.S. <i>Visiting CSC Fellow/ Dept. Surgery</i> RIH/Brown University & 2 nd Military Medical School, Shanghai, China	“What is the impact of B7-H1 or PD-1 gene deficiency on septic mouse macrophage phenotype?”
February 19* (*Conjoined seminar with Path Prog @ 4PM Thursday @ Ship St Bldg, Rm 107)	Steven Katz, M.D., Ph.D. <i>Associate Professor of Surgery</i> Roger Williams Hospital & Boston University	“T Cell Based Immunotherapy for Liver and Peritoneal Tumors”
March 3	Anne-Lise Rossi, Ph.D., M.S. <i>Postdoctoral Fellow</i> Department of Surgery RIH/Brown University	“New regulators of pathway TLR2-NF-κB”
March 17	Joanne Lomas-Neira, Ph.D., M.S. <i>Assistant Professor of Surgery</i> RIH/Brown University	“The role of hemorrhage primed neutrophils in mediating pulmonary endothelial cell activation”
April 7	Amanda Jamieson, Ph.D. <i>Assistant Professor</i> <i>Molecular, Microbiology & Immunology</i> Brown University	“Stress response: Tolerance of polymicrobial infections of the lung”
April 21	Zachary Wilson, B.S. <i>Graduate Student</i> Pathobiology Program Brown University	“ <i>Ex vivo</i> genetic manipulation of neutrophils for <i>in vivo</i> homing studies in mice”
May 5	Tristen Chun, M.D. <i>Versaci Resident Fellow</i> Department of Surgery RIH/Brown University	“Type 2-Innate Lymphoid cells: What are they & what do they do in septic mice/humans?”
May 19	Brittany Potz, M.D. <i>Versaci Resident Fellow</i> Department of Surgery RIH/Brown University	"Caplain inhibition improves myocardial angiogenesis and decreases myocardial apoptosis in a swine model of chronic myocardial ischemia"
June 2	Whitney Young, M.D. <i>Versaci Resident Fellow</i> Department of Surgery RIH/Brown University	“The neonatal response to sepsis in mice: Is there a role for check-point proteins?”
September 8	Meredith Crane, Ph.D. <i>T32-Postdoctoral fellow/ Dept. Surgery</i> RI Hospital/Brown Univ., Providence, RI	"Cellular responses to injury in healthy and influenza-infected hosts"
September 22	Craig Lefort, Ph.D. <i>Assist. Prof. Surgery</i> Lifespan-RI Hospital/ Brown Univ Providence, RI	"Integrin activation in neutrophil recruitment during bacterial pneumonia"

October 13	Bethany Biron, B.S., M.S. <i>Grad. Student, Pathobiol. Grad. Prog./</i> Brown Univ., Providence, RI	“The role of PAD4 histone 3 citrullination and net formation in a murine polymicrobial sepsis model.”
November 10	ShuMin Xu, M.D., M.S. <i>Visiting Res. Scholar/</i> RI Hospital/ Brown Univ., Providence, RI & <i>Shanghai E. Hospital, Shanghai, China</i>	“Intravenous silencing of Programmed Cell Death Receptor-Ligand 1 (PD-L1): What can it tell us about the pathology of indirect Acute Lung Injury?”
November 24	Lauren Watts, B.A. <i>Grad. Student, Pathobiology Grad. Prog./</i> Brown Univ., Providence, RI	“Mac-1 Activation in Neutrophil Adhesion and Effector Function”
December 8	Shipra Vaishnava, Ph.D. <i>Assist. Prof. Mol. Microbiol. & Immunol.</i> Brown Univ., Providence, RI	"Host Immunity and Intestinal Microbiome"
December 22	Craig Erickson, B.A. <i>Med. Student Fellow, Alpert Sch. Med. at</i> Brown Univ., Providence, RI	“Immune Suppressive Aspects of Murine Neonatal Sepsis”

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The Division of Surgical Research Seminar Series 2014:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

All lectures are at **4:00 PM** in **RM 106**, in the **Nursing Arts Building, RI Hospital** unless otherwise indicated.

	Speaker:	Title:
January 14	Meredith Crane, PhD T32 Postdoctoral Fellow Brown University	<i>"The Monocyte to Macrophage Transition in the Murine Wound"</i>
March 11	Alexander Loosley Graduate Student Physics Graduate Program, Brown Univ.	<i>"LPS Alters Neutrophil Migration on Compliant Substrate"</i>
April 15	Whitney Young, MD Versaci Resident Fellow RI Hospital/Brown University	<i>"The Effects of Co-Inhibitory Molecules in Polymicrobial Sepsis in Mice"</i>
May 13	Andrew Blakely, MD T32 Training Grant Resident RI Hospital/Brown University	<i>"Bio-Pick and Place: A New Instrument for 3D Tissue Engineering"</i>
May 27	Noelle Hutchins, PhD T32 Training Grant Resident RI Hospital/Brown University	<i>"Do Type 2 Innate Lymphoid Cells Play a Role in Septic Liver Injury?"</i>
June 17	John Young, MD Versaci Research Fellow RI Hospital/Brown University	<i>"Invariant Natural Killer T-Cells in Peritoneal Sepsis"</i>
September 2	Bethany Biron, BS, MS Graduate Student Pathobiology Program, Brown Univ.	<i>"The role of PAD4 catalyzed citrullination of Histone 3 and NET formation in a Murine polymicrobial sepsis model"</i>
September 16	Lauren Watts, BA Graduate Student Pathobiology Program, Brown Univ.	<i>"The Role of Talin-1 and Kindlin-3 in Neutrophilic Mac-1 Activation"</i>
October 14	Tingting Cheng, MD, MS Visiting Scientist RIH/ Shanghai E. Hospital, Shanghai, China	<i>"Divergent Effects of BTLA Ligation on the Innate Immune Response to the Combination of Experimental Shock/Sepsis"</i>
October 28	Audrey Tryka, Ph.D., M.D. Associate Professor Butler Hosp/ Brown University	<i>"Early Life Stress: Epigenetic Regulation of Endocrine and Immune Pathways"</i>
November 11	Xian O'Brien, PhD Instructor in Surgery RIH/Brown University	<i>"The Influence of Substrate Compliance on Neutrophil Effector Function"</i>
November 25	Amanda Jamieson, PhD Assistant Professor Brown University	<i>"Stress response: Tolerance of Polymicrobial Infections of the Lung"</i>
December 9	Qing Lu, DVM, PhD Associate Professor VA Medical Center/Brown University	<i>"Mechanism of Cigarette Smoke Priming of Acute Lung Injury"</i>

For questions concerning seminars, schedule or location changes contact Courtney Coto at 444-5157 or ccoto@lifespan.org

***NOTE:** This seminar is a co-sponsored presentation between the Division of Surgical Research and the Graduate Pathobiology Program from 4:00-5:00pm on Thursdays at 70 Ship Street, 1st Floor conference room.

The Division of Surgical Research Seminar Series 2013:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

All lectures are at **4:00 PM** in **RM 106**, in the **Nursing Arts Building, RI Hospital** unless otherwise indicated.

	Speaker:	Title:
January 15	Tania Nevers, PhD Postdoctoral Fellow Department of Pediatrics Woman & Infants Hospital/Brown University	<i>"Uterine Regulatory T Cells Acquire C-Rel-Mediated Inflammatory Phenotype and Cause Fetal Demise"</i>
February 12	Fei Wang, MD Visiting CSC Fellow Division of Surgical Research Providence, RI	<i>"Contribution of PD-1:PD-LO1 to Kupffer Cell Dysfunction in Sepsis"</i>
March 12	John Young, MD Versaci Research Scholar/ Surgical Resident Division of Surgical Research Providence, RI	<i>"Roles of PD-1 and PD-L1 in iNKT Cells and Peritoneal Sepsis"</i>
April 17	Andrew Blakely, MD Trauma Training Grant Fellow/Surgical Resident Division of Surgical Research Providence, RI	<i>"Manipulation of Complex Micro-Tissues"</i>
May 14	Elizabeth Fox, MD Trauma Training Grant Fellow/Surgical Resident Division of Surgical Research Providence, RI	<i>"Barrier Function in Septic Patients"</i>
June 11	Maude Kettenmann, MD Versaci Research Scholar/ Surgical Resident Division of Surgical Research Providence, RI	<i>"Of Mice and Men: Basic and Translational Studies in Sepsis"</i>
December 17	Lunian (Kelly) Tang, MD Visiting Scholar Division of Surgical Research Shanghai E. Hospital, Shanghai, China	<i>"Active Players in the Resolution of Shock/Sepsis Induced Indirect Lung Injury: CD4+ CD25+ FoxP3+ Regulatory T Cells (TRegs) and PD-1:PD-L1 Pathway's Immunomodulatory Effects"</i>

The Division of Surgical Research Seminar Series 2012:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

All lectures are at **4:00 PM** in **RM 106**, in the **Nursing Arts Building, RI Hospital** unless otherwise indicated.

	Speaker:	Title:
January 10	Richard T. Clements, PhD Assistant Professor Cardiovascular Research Center RI Hospital	<i>"Small heat shock proteins and surgically-induced myocardial stunning"</i>
February 14	Havovi Chichger, PhD Postdoctoral Fellow Dept. of Medicine, Vascular Lab VAMC/Brown University	<i>"Regulation of renal and small intestinal glucose transport across the epithelium in response to metabolic dysregulation"</i>
March 13	Dragan Golijanin, MD Associate Professor, Dept of Urology Brown University	<i>"Intraoperative near infrared fluorescence imaging in various urologic malignancies"</i>
May 15	Sean Ciullo, M.D. NIH-Trauma-Training Resident Fellow RI Hospital/Brown Univ, Providence, RI	<i>"Unlocking the Liver's Potential for Repair: Neutrophil Activation of Intrinsic Matrix Metalloproteinase 8"</i>
June 5	Nicholas Elisseou, M.D. Versaci Resident Fellow RI Hospital/Brown Univ, Providence, RI	<i>"The Effects of Mechanosensing on Inflammatory Cell Function"</i>
August 23	Craig Lefort, PhD Postdoctoral Fellow La Jolla Institute for Allergy & Immunology La Jolla, CA	<i>"Dissecting the Mechanisms of LFA-1 Activation in Neutrophils"</i>
October 23	Maude Kettenmann, MD Versaci Resident Fellow RI Hospital	<i>"Evaluating the Role of HVEM in Sepsis"</i>
November 20	Courtney Johnson Pathobiology Graduate Student (2015) Brown University	<i>"Integrin Cross-Talk Regulation of Human Neutrophils Adhered to Fibronectin and Beta-glucan"</i>

For questions concerning seminars, schedule or location changes contact Courtney Coto at 444-5157 or ccoto@lifespan.org

***NOTE:** This seminar is a co-sponsored presentation between the Division of Surgical Research and the Graduate Pathobiology Program from 4:00-5:00pm on Thursdays at 70 Ship Street, 1st Floor conference room.

The Division of Surgical Research Seminar Series 2011:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

All lectures are at **4:00 PM** in **RM 106**, in the **Nursing Arts Building, RI Hospital** unless otherwise indicated.

	Speaker:	Title:
January 11	Shougang Zhuang, M.D. <i>Assistant Professor of Medicine, Renal Division RI Hospital/Brown University</i>	“Mechanisms of the Deleterious Cross-talk Between Renal Epithelial Cells and Fibroblasts after acute Injury.”
February 24*	Ping Wang, M.D. <i>Prof & Vice-Chair Res/ Surgery North Shore University Hosp & LIJ Med Center, Feinstein Inst Med Res, Manhasset, NY</i>	“Sepsis and Regulation of Inflammation”
March 15	Daithi Heffernan, M.D. <i>Assistant Professor of Surgery RI Hospital/Brown University</i>	“Regulation of Phagocyte Function in Shock: the Role of the invariant NKT-cell.”
April 19	Cesario Bianchi, M.D. <i>Assistant Professor of Surgery RI Hospital/Brown University</i>	“Effects of Diet on Experimental Myocardial Ischemia-Reperfusion Injury”
May 17	Zachary Gregg, MD <i>NIH-Trauma-Training Resident Fellow RI Hospital/Brown University</i>	“Cellular Senescence: Good or Evil?”
June 7	Sean F. Monaghan, M.D. <i>Versaci Resident Fellow RI Hospital/Brown University</i>	“Program Cell Death Receptor (PD)-1 and its Ligands in Indirect Acute Lung Injury”
September 13	Xian O’Brien, PhD <i>Post-Doctoral Fellow, Div of Surgical Research RI Hospital, Brown University</i>	“CR3 is a signaling receptor for soluble beta-glucan.”
October 11	Ruhul Abid, M.D., Ph.D. <i>Assistant Professor, Cardiovascular Research Ctr Dept of Surgery, Brown University</i>	“How does vascular endothelium 'sense' its oxidant levels?”
November 8	Debra J. Stearns-Kurosawa, Ph.D. <i>Associate Professor, Dept. of Pathol. & Lab Med. Boston University School of Medicine</i>	“STEC and Toxins: Why spinach can kill you.”
December 6	Paul Y. Liu, MD <i>Post-Doctoral Fellow – Dept. of Med;Vasc. Lab. VAMC/Brown University</i>	“Regulation of renal and small intestinal glucose transport across the epithelium in response to metabolic dysregulation”

The Division of Surgical Research Seminar Series 2010:
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 104, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 12	Diane Hoffman-Kim, Ph.D. <i>Assoc. Prof./Dept. Mol. Pharm. Physiol. & Biotech. Brown Univ., Providence, RI</i>	“Axon Guidance in Complex Environments”
February 4*	Shinichiro Kurosawa, MD, PhD <i>Assoc Prof, Pathol & Lab Med, Boston Univ Med Ctr, Boston, MA</i>	“Development of a non-human primate model of Anthrax: Our findings and the case reports from the year 2001”
February 11*	Alfred Ayala, PhD <i>Prof. Surgery / Div Surg Res RI Hosp/Brown Univ, Providence, RI</i>	“An Innately Different Perspective of PD-1’s role in Sepsis.”
February 25*	Elizabeth Kovacs, Ph.D. <i>Prof & Vice Chair Res, Dept Surgery Stritch Sch Med/ Loyola Univ Med Ctr, Maywood, IL</i>	“Pulmonary consequences of alcohol exposure and burn injury.”
March 16	Thomas J. Webster, PhD <i>Assoc Prof, Div Engineer & Ortho Surg, Brown Univ., Providence, RI</i>	“The Past, Present, and Future of Nanotechnology in Regenerative Medicine.”
April 6	Samah Abdel-Baki, MS, MD <i>Res Assist Prof/ Dept Physiol & Pharm SUNY Downstate Med Ctr, Brooklyn, NY</i>	"Traumatic Brain Injury: mechanisms and therapeutics"
April 20	Edward R. Sherwood, MD <i>Prof/ Depts Anesthesiol & Micro-Immunol Univ Tx Med Branch, Galveston, TX</i>	“The Roles of NK and T Cells in the Pathogenesis of Septic Shock.”
April 27	Steven C. Katz, MD <i>Assist Prof, Surgery/ Boston Univ Roger Williams Med Ctr, Providence, RI</i>	"Liver Immunology."
May 11	Silvia M. Uriarte, PhD <i>Instr Med/ Div Nephrol Univ Louisville, Louisville, KY</i>	"Granule exocytosis contributes to TNF-alpha, but not PAF-induced priming in human neutrophils"
May 27	Wendy Walker, PhD <i>Associate Research Scientist Internal Medicine Yale University, New Haven, CT</i>	“IRF3 Cooperates with TLR9 to Induce a Systemic Inflammatory Response to DNA”
June 3	Yiorgos Apidianakis, PhD <i>Instructor, Dept. of Surgery Massachusetts General Hospital Boston, MA</i>	"Drosophila Models of Human Infections and Carcinogenesis"
September 21	Martin Schwacha, Ph.D. <i>Professor of Surgery Univ. of Texas Health Ctr, San Antonio, TX</i>	“Trauma Research: of Mice to Men (a basic scientist in the ICU)”
October 19	Arthur R. Salomon, Ph.D. <i>Assistant Prof; Mol Cell & Biochem/Chem. Brown University, Providence, RI</i>	“Quantitative Phosphoproteomic Analysis of Immune Cell Signaling by Mass Spectrometry Reveals Novel pathways”
November 16	Katie Grinnell, Ph.D. <i>Post-Doc Fellow/ Dept Medicine, VA Med Center-Vascular Lab, Providence, RI</i>	“Evaluating the Role of PKCdelta in the Pathology of Sepsis-Induced Acute Lung Injury.”
December 14	Rebecca Page, Ph.D. <i>Assistant Prof; Mol Cell & Biochem. Brown University, Providence, RI</i>	“MasQueRade: A Novel Toxin:Antitoxin System in E. coli Important for Persistence and Antibiotic Resistance”

For questions concerning seminars, schedule or location changes contact Courtney Coto at 444-5157 or ccoto@lifespan.org

***NOTE: This seminar is a co-sponsored presentation between the Div. Surg. Res./Grad. Pathobiol. Program from 4:00-5:00pm on Thursdays at 70 Ship Street, 1st Floor conference room.**

The Division of Surgical Research Seminar Series (2009):
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 104, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 27	Jay X. Tang, PhD <i>Assistant Professor/ Dept. Physics, Brown University</i>	“From in vitro actin assembly to neutrophil migration”
February 5*	James Lederer, PhD <i>Associate Professor/ Dept Surgery Brigham & Women’s Hosp., Harvard Univ. Sch. Med., Boston, MA</i>	“Damage Control - Regulating the Immune Response to Injury”
March 10	Frank Selke, MD <i>Chief of Cardiothoracic Surgery Rhode Island Hospital Brown University</i>	“Myocardial Ischemia Reperfusion Injury: Recent Advances”
April 9*	Sanna Goyert, PhD <i>Prof. & Chair., Micro & Immunol. Dept., CUNY, New York, NY</i>	“CD14 and other LPS Receptors in Severe Infection”
May 12	Adam Chodowski, PhD <i>Assoc. Professor/ Dept. Emerg. Med., Rhode Island Hosp., Brown University</i>	“Traumatic brain injury and inflammation.”
July 7	G. Wayne Zhou, PhD <i>Principal Scientist Hypromatrix Inc, Worcester, MA</i>	“Protein expression and subcellular localization profiling of cancer cells by Dissociable Antibody MicroArray (DAMA) staining technology”
July 14	Christopher C. Fraser, PhD <i>Team Leader Inflammation Combinatorx Inc., Cambridge, MA</i>	“Super-suppression of macrophage activation: interaction of multiple signaling pathways induces a hypersensitive response to glucocorticoids.”
July 21	Javier E. Irazoqui, PhD <i>Post-Doc Fellow/ Dept of Genetics, MGH/Harvard Medical School Boston, MA</i>	“Gut Feelings: Dissecting the <u>C. elegans</u> Host Response to <u>S. aureus</u> Infection.”
September 8	Frank W. Sellke, MD <i>Chief Cardiothoracic Surgery RI Hospital, Brown University Providence, RI</i>	“Regenerative therapies for the treatment of heart disease: Why are they not ready for prime time?”
October 6	Jason Aliotta, MD <i>Assistant Professor /Dept Medicine RI Hosp/ Brown Univ, Providence, RI</i>	“The lung and bone marrow: Micro vesicles and their role in cellular communication”
November 3	John Sedivy, PhD <i>Prof Biol. & Med. Sci. / Dept Mol. Cell & Biochem. (MCB) Brown Univ., Providence, RI</i>	“Replicative cellular senescence in the context of organismal aging”
December 8	James R. Klinger, M.D. <i>Assistant Professor /Dept Medicine RI Hosp/ Brown Univ, Providence, RI</i>	"Natriuretic Peptides in Pulmonary Endothelial Barrier Function".

For questions concerning seminars, schedule or location changes contact Courtney Coto at 444-5157 or ccoto@lifespan.org

*NOTE: This seminar is a co-sponsored presentation between the Div. Surg. Res./Grad. Pathobiol. Program
from 4:00-5:00pm on Thursdays at 70 Ship St.

The Division of Surgical Research Seminar Series (2008):
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 104, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 15	Alan Thomay, MD <i>NRSA Fellow/ Dept. Surgery, Rhode Island Hosp., Brown University</i>	“The Role of IL-1R in Wound Healing and Cutaneous Fibrosis.”
February 7*	Carl Hauser, MD <i>Visiting Professor-Dept. Surgery Beth Israel-Deaconess/ Harvard Med. Sch., Boston, MA</i>	“Lysolipids, Cholesterol and Calcium Channels in Trauma: Building a Better Raft.”
February 25	Wen-Hai Chou, Ph.D. <i>Assist. Adj. Prof., Dept. Neurology, Univ. California, San Francisco, CA</i>	“Protein Kinase C in Stroke-Reperfusion Injury”
February 27	Matthew R. Jones, Ph.D. <i>Res. Assoc., Dept. Environ. Hlth., Harvard Sch. Pub. Hlth., Boston, MA</i>	“Zcchc11 directs microRNA-dependent cytokine expression.”
March 3	Jeffery Singer, Ph.D. <i>Assist. Prof./ Dept. Mol. Biol., Cell Biol. & Biochem., Brown University</i>	“Regulation of proliferation by ubiquitin signaling”
March 5	Katherine Conant, M.D. <i>Assoc. Prof., Dept. Neurology, Johns Hopkins Univ., Baltimore, MD</i>	“Matrix metalloproteinases as mediators of synaptic injury in CNS inflammation”
May 1*	Wolfgang Junger, PhD <i>Visiting Professor-Dept. Surgery Beth Israel-Deaconess/ Harvard Med. Sch., Boston, MA</i>	“Guidance of Neutrophil Chemotaxis by Purinergic Receptors”.
October 7	Zhenglong Yuan, MD, MS <i>Instructor/ Dept. Surgery, Rhode Island Hosp., Brown University</i>	“Oncogenic function of MUC1 is regulated by cleavage and intracellular trafficking”
November 11	Yow-Pin, Lim, MD, PhD <i>Assistant Professor/ Dept. Medicine, Rhode Island Hosp., Brown University</i>	“Inter-alpha inhibitors in Systemic Inflammation: from Bench to Bedside”
December 9	Fabienne Venet, PhD, PharmD <i>Pos-doc Fellow/ Dept. Surgery, Rhode Island Hosp., Brown University</i>	“Plasmacytoid dendritic cells control lung inflammation and macrophage recruitment in indirect acute lung injury in mice”

For questions concerning seminars, schedule or location changes contact either:
 444-5157 /E-mail: ccoto@lifespan.org (Ms. Courtney Coto)

***NOTE: This seminar is a conjoined presentation between the Div. Surg. Res./Grad. Pathobiol. Program & starts at 4PM on Thursday at Ship St. Bldg.**

The Division of Surgical Research Seminar Series (2007)
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 104, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 9, 2007	George Yap, Ph.D. Assistant Professor-Dept. Molecular Microbiol. & Immunol./Brown Univ. Sch. Med	“Eating the Enemy: Autophagy in Immunity and Host Defense”
February 6, 2007	Ling Cao, Ph.D. Res. Assoc./Postdoc-Fellow Department of Anesthesiology Dartmouth-Hitchcock Med. Ctr.	“CD4 ⁺ T lymphocytes in neuropathic pain”
March 6, 2007	Chun-Shiang Chung, Ph.D. Assistant Professor-Dept. Surgery R.I. Hosp./Brown Univ. Sch. Med.	“The Evolving Role of SOCS-1/-3 Proteins in the Immune Cell response to Hemorrhagic Shock”
April 23, 2007 (10:00am)	Joseph S. Solomkin, M.D. Professor/Dept. Surgery Univ. Cincinnati, Cincinnati, OH	“How Neutrophils use Membrane Rafts in Priming and Activation”
April 24, 2007 (10:00am)	Daniel Remick, M.D. Chair-Prof./Dept. Pathology Boston Univ. Sch. Med., Boston, MA	“Biomarkers Predicting Sepsis Lethality”
June 19, 2007	Sarah Spinette, PhD Assistant Professor Department of Biology Rhode Island College	“Differential Expression of Novel Isoforms of Ufd2a During Development, Differentiation and Regeneration of Vertebrate Striated Muscle”
June 25, 2007 (10:00am)	Evelyn Kurt-Jones, PhD Professor, Department of Medicine UMass Medical School	“Innate Anti-Viral Immunity and Toll-Like Receptors”
July 2, 2007	Yoram Vodovotz, PhD Associate Professor Department of Surgery University of Pittsburgh	“Translational Systems Biology of Inflammation”
September 11, 2007	Ting Cun Zhao, MD Assistant Professor/ Dept. Pediatrics, Woman & Infants Hosp., Brown University	“Perspective of Stem Cells in Infarcted Heart”
September 25, 2007	Kiyoshi Itagaki, PhD Instructor/Jr. Invest.-Dept. Surgery Beth Israel-Deaconess Hosp./ Harvard Med. Sch., Boston, MA	“Dual Roles of Sphingosine 1-phosphate an Regulation of Endothelial Permeability”
October 9, 2007	Rachel A. Altura, MD, Assistant Professor/ Dept. Pediatrics, Div. Hem.-Oncol., Brown University	“Diverse Functional Roles for Survivin in Cancer and Normal Development”
November 6, 2007	Joanne L. Lomas-Neira, PhD Res. Associate/ Dept. Surgery, Rhode Island Hosp., Brown University	“TNF- α Priming for the Development of Shock Induced Acute Lung Injury (ALI): Mediation by Local Tissue Not Circulating Cells”
December 11, 2007	Gaurav Choudhary, MD <i>Assistant Professor/ Dept. Medicine, V.A. Med. Ctr. / Brown University</i>	“Role of C-type Natriuretic Peptides in Endothelial Cell Function.”

The Division of Surgical Research Seminar Series (2006)
Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 104, in the **Nursing Arts Building, R.I. Hospital** unless otherwise indicated.

Date:	Speaker:	Title:
January 31, 2006	Mario Perl, M.D. Post-doc. Fellow/ Dept. Surgery R.I. Hosp./Brown Medical School	“Apoptotic/ non-apoptotic roles of Fas signaling in the pathology of acute lung injury following shock and sepsis.”
February 21, 2006	Mark Harty, Ph.D. Instructor-Dept. Surgery R.I. Hosp./Brown Medical School	“Cellular and Molecular Regulation of Matrix Metalloproteinase Activity in Liver Repair”
March 9, 2006	Richard S. Hotchkiss, M.D. Professor-Dept. Anesthesiology Washington Univ. Sch. Med St. Louis, MO	“Apoptosis as a pathogenic mechanism in sepsis and multiple organ failure”
April 11, 2006	Piero Biancani, Ph.D. Professor-Dept. Medicine Brown Medical School	“Signal transduction in esophagitis”
May 2, 2006	Chi-Ming Hai , Ph.D., M.S. Professor-Dept. Mol. Pharm. Physiol. & Biotech., Brown Medical School	“Cholinergic Receptor and Cyclic Stretch-Stimulated Contractile and Inflammatory Gene Expression in Airway Smooth Muscle.”
June 13, 2006	Jean S. Daley, M.D. Assistant Professor-Dept. Surgery R.I. Hospital/Brown Medical School	“Heterogeneity of wound macrophages”
August 22, 2006	Qing Lu, M.D., Ph.D. Assistant Professor-Dept. Medicine Vet. Med. Ctr./Brown Univ. Sch. Med	“Signaling Mechanisms Involved in TGF-beta1-Induced Endothelial Barrier Dysfunction”
September 11, 2006*	Peter H. Lapchak, Ph.D. Instructor/Jr. Invest.-Dept. Surgery Brigham & Women’s Hospital/ Harvard Med. Sch., Boston, MA	“Platelets: A Forgotten Immune-Mediator in the Host Response to Injury.”
October 10, 2006	Fabienne Venet, Ph.D., Pharm. D. Fellow/RI Hospital/Brown Univ Previously: Univ. Claude Bernard, Lyon, France	“Immune dysfunction after septic shock: a study of T lymphocyte reprogramming”
November 7, 2006	Chun-Shiang Chung, Ph.D. Assistant Professor-Dept. Surgery R.I. Hosp./Brown Univ. Sch. Med.	“ <i>Tentative title:</i> The Evolving Role of SOCS-1/-3 Proteins in the Immune Cell response to Hemorrhagic Shock”
December 5, 2006	Hyeon-Soo Lee, M.D. Visiting Professor-Dept. Pediatrics Woman & Infant’s Hospital/ Brown Univ. Sch. Med	“Effect of different stretch protocols on fetal type II epithelial cells”

The Division of Surgical Research Seminar Series (2005):

Monthly seminar series on topics in: Inflammation and injury in critical illness.

Date:	Speaker:	Title:
January 18, 2005	Monique E. De Paepe, M.D. Assistant Professor-Dept. Pathology W& I Hosp./Brown Univ. Sch. Med.	“Hyperoxia-Induced Apoptosis and Fas/FasL Expression in Lung Epithelial Cells”
February 8, 2005	Leslie P. Cousins, Ph.D. Assistant Professor-Dept. Medicine Brown Univ. Sch. Med./R.I. Hosp.	“Novel Mechanisms of IFN-alpha Induced Suppression of FasL-Induced Apoptosis”
March 8, 2005	Jeffery D. Singer, Ph.D. Assistant Professor-Dept. Biology Brown Univ. Sch. Med.	“Culling Substrates: The Role Of Cul3 In Mammalian Cell Cycle Progression”
April 26, 2005	Joseph Bliss, M.D., Ph.D. Assistant Professor-Dept. Pediatrics Brown Univ. Sch. Med./W& I Hosp.	“The Role of Antibody in Host Defense Against <i>Candida albicans</i> ”
May 10, 2005	Sean Humprey, Ph.D. Post-Doc-candidate/Dept Biol Sci, Purdue Univ., Lafayette, ID	“Induction of BATF gene expression by STAT3: role in differentiation of a myeloid leukemia cell line”
May 16, 2005	Sunil K. Shaw, Ph.D. Assistant Professor-Dept. Pediatrics W& I Hosp./Brown Univ. Sch. Med.	“Molecular Imaging of Neutrophil Transmigration and Endothelial Cytoskeletal Remodeling During Inflammation”
June 14, 2005	Minsoo Kim, Ph.D. Assistant Professor-Dept. Surgery R.I. Hosp./Brown Univ. Sch. Med.	“Integrin Mediated Leukocyte Migrations During Inflammation and Anti-Adhesion Therapy”
August 23, 2005	Carl Saab, Ph.D. Assistant Professor-Dept. Surgery R.I. Hosp./Brown Medical School	"Neutrophils Invade the Dorsal Root Ganglia Following Chronic Constriction of the Sciatic Nerve."
September 27, 2005	Chris Carman, Ph.D. Instructor/Jr. Invest.-Ctr. Blood Res. Harvard Med. Sch., Boston, MA	“New Insights into Leukocyte-Endothelial Interactions.”
October 28, 2005	Lyle L. Moldawer, Ph.D. Professor-Dept. Surgery Univ. Fla. Col. Med./Shands Hospital Gainesville, Fla	“Current Status of Sepsis Research: Why are there no Magic Bullets?”
November 15, 2005	Douglas Faunce, Ph.D. Assistant Professor-Dept. Surgery Loyola of Chicago-Strich Col. Med. Chicago, IL	“NKT cells as potential therapeutic targets of injury-induced immune suppression.”
November 17, 2005	Danuta Radzioch, Ph.D. Professor-Dept. Exp. Medicine McGill University, Montreal, Quebec, CANADA	“TLR7-signalling and its role in infectious diseases and asthma.”
December 20, 2005	Jeffery Morgan, Ph.D. Associate Professor-Dept. Med. Sci. & Engineering/Brown University	“Enhancing the Performance of Tissue Engineered Skin By Genetic Modification”

The Division of Surgical Research Seminar Series (2004):

Monthly seminar series on topics in: Inflammation and injury in critical illness.

At 4 PM in RM 223, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 6, 2004	Douglas Hale, M.D. Assist Professor-Surgery National Inst. Of Health, Bethesda, MD	“Primate Models of Immune Tolerance”
January 20, 2004	Surrenda Sharma, Ph.D. Professor-Pediatrics Brown Univ. Sch. Med./W & I Hosp	“Immunobiology of Pregnancy: IL-10, NK Cells, and Inflammation.”
February 20, 2004	Paul Gudewicz, Ph.D. Professor-Ctr. Cell Biol. & Cancer Res/ Albany Med College/Albany, NY	"Densitization of Chemokine Receptors"
March 16, 2004	Thais P. Salazar-Mather, Ph.D. Assistant Professor-Mol, Micro & Immunol- Brown Univ Sch Med	“Regulation Of Innate Antiviral Inflammatory Responses Through Cytokine/Chemokine Networks”
April 13, 2004	Jonathan Kurtis, M.D., Ph.D. Assistant Professor-Path/Immunol Brown Univ Sch Med	"Maladaptive pro-inflammatory response to falciparum malaria predicts anemia and malnutrition"
May 10, 2004	Carl Y. Saab, Ph.D. PVA-EPVA Ctr. Neurosci. & Regen. Res., Dept. Neurology, Yale Univ. Sch. Med.	"How inflammation impacts neurons"
May 25, 2004	Minsoo Kim, M.D., Ph.D. Harvard Univ.	"TBA "
May 27, 2004	Horacio Romeo, Ph.D. UCLA Med Ctr.	"TBA "
June 15, 2004	Mario Perl, M.D. Fellow-Dept. Traumatology Univ. Ulm, GERMANY	“Immune Dysfunction Following Contusion Injury: What can we Learn from the Mouse?”
September 14, 2004	Maureen Chung, M.D., F.A.C.S. Associate Professor-Dept. Surgery RI Hosp./Brown Univ. Sch. Med	"MUC1: A Target For Breast Cancer Immunotherapy."
October 12, 2004	Stephen Gregory, Ph.D. Associate Professor-Dept. Medicine R.I. Hosp./Brown Univ. Sch. Med.	“Kupffer Cells Abrogate Cholestatic Liver Injury”
November 9, 2004	Alan Rosmarin, M.D., Ph.D. Associate Professor-Dept. Medicine Miriam Hosp./Brown Univ. Sch. Med.	“GA Binding Protein (GABP) as a Regulator Of Myeloid Gene Transcription”
December 21, 2004	Alfred Ayala, Ph.D. Professor - Dept. Surgery R.I. Hosp./Brown Univ. Sch. Med	“Shock Induced Priming For Acute Lung Injury In Mice: Discerning The Role Of Apoptosis”

The Division of Surgical Research Seminar Series (2003):
Monthly seminar series on topics in Inflammation and injury in critical illness.

At 4 PM in RM 223, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 21, 2003	Laurent Brossay, Ph.D. Assistant Professor-Medicine & Pathology/ Brown Univ. Sch. Med.	“Regulatory functions of the mouse KLRG1 molecule”
February 18, 2003	Sharon Rounds, M.D. Professor-Medicine & Pathology Brown Univ. Sch. Med./V.A. Hosp.	“Carboxymethylation of Small G Proteins and Endothelial Cell Function”
March 18, 2003	Wen-Ming Chu, M.D., Ph.D. Assistant. Professor-Mol., Micro. & Immunol./ Brown Univ. Sch. Med	“DNA-PK is required for the innate immune response to CpG-DNA/ISS-DNA”
May 20, 2003	BingFan Yang, Ph.D., D.V.M. Associate Professor-Pharmacology Univ. R.I.-Kingston, RI	“Effects of polymicrobial sepsis and endotoxemia on Pregnane X receptor and CYP3A gene expression”
June 17, 2003	Melinda Morin, M.D. Assistant Professor-Surgery Brown Univ Sch Med/ Hasbro Hosp	“Regulation of Intestinal iNOS Expression in Endotoxin Tolerance”
July 17, 2003	Carl Hauser, M.D., F.A.C.S. Associate Professor-Surgery UMDNJ-Newark.	“Basic mechanisms of inflammatory calcium signaling in human PMN.”
August 1, 2003	Qian Gao, M.D., Ph.D. Dept. Pathology Yale University Sch. Med.	“Acetylation and Deacetylation Cycle Controls STAT Activity: Does STAT Need iSTAT?”
September 16, 2003	Y. Eugene Chin, M.D., Ph.D. Associate Professor-Surgery Brown Univ. Sch. Med.	“Pinning Down the Malignant Residue of PTK for Metastasis”
November 11, 2003	Ping Wang, M.D., Ph.D. Director Res., Professor of Surgery Northshore-LIJ Medical Center NY Univ. Sch. Med.	“Cardiovascular Responses in Sepsis: Mechanisms and Therapeutic Approaches”
November 25, 2003	Elaine Bearer, M.D., Ph.D. Professor-Pathol. & Lab. Med. Brown Univ. Sch. Med	“Infection and coagulation: Insights from the cytoskeleton.”
December 9, 2003	Loren Fast, Ph.D. Professor-Medicine Brown Univ. Sch. Med./R.I. Hosp.	“Genetic control of immune responses to allogeneic apoptotic cells”

The Surgical Research Seminar Series (2002):
Monthly seminar series on topics in Inflammation and injury in critical illness.

At 4 PM in RM 223, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 22, 2002	George Yap, Ph.D. Assistant Professor, Brown Univ. Sch. Med.	“A Genetic Modifier of the IL-12 Response Pathway”
February 22, 2002	Haicho Wang, Ph.D.# Assist. Prof., Dir. Basic Sci. Res. Dept. Emergency Med. North Shore-L.I.J. Hospitals Manhasset, NY	“Role of a Negative Acute Phase Protein, Fetuin, in Regulation of the Innate Inflammatory Response.”
March 12, 2002	Steven Opal, M.D. Professor, Brown Univ. Sch. Med. / Memorial Hospital	“Progress in the Development of an anti-LPS vaccine”
April 16, 2002	Martin Schwacha, Ph.D. Assistant Professor Department of Surgery University of Alabama at Birmingham	“The Cellular Basis of Thermal Injury Induced-Immune Dysfunction: Macrophages and Mediators”
May 28, 2002	Kevin Cowers, Ph.D. Dept Mol & Cell Biol: Toxicol Prog Univ. Conn.- Storrs-Mansfield, CT	“Extracellular Metallothionein Alters T Helper Response to Cognate Antigen: Possible Mechanism of Immune Regulation”
June 11, 2002	Eric Mahoney, M.D. Research Fellow-Surg. Resident Brown Univ. Sch. Med. / R.I. Hosp.	“Bacterial Colonization and the Expression of Nitric Oxide Synthase (iNOS) in Murine Wounds”
August 27, 2002	Y. Eugene Chin, M.D., Ph.D. Assistant Professor-Pathology Brown Univ. Sch. Med.	“Acetylation and Deacetylation Cycle Controls STAT Activity: Does STAT Need iSTAT?”
September 3, 2002	Ian Meng, Ph.D. Assistant Professor-Neurology Univ. Cal. – San Francisco, CA	“How the brain controls pain: bidirectional modulation from physiologically distinct cell populations in the rostral medulla.”
September 17, 2002	Jonathan Reichner, Ph.D. Associate Professor-Surgery Brown Univ. Sch. Med./R.I. Hosp.	“Glucan Clinical Trails: A Review”
October 1, 2002 <i>*1-2 PM</i>	Basilia Zingarelli, M.D., Ph.D. Assistant Professor-Pediatrics Univ Cinn Med Col/Cinn Children’s Hospital, Cincinnati, OH	“A role for poly (ADP-) ribosylation in signal transduction mechanisms during inflammation”
November 5, 2002	Grant A. Ram, Ph.D. Director, Hepatic Fibrosis Group, The Queensland Inst Med Res, Brisbane, Australia	“Hepatic Stellate Cell Activation and Liver Fibrosis.”

The Surgical Research Seminar Series (Fall 2001):
Monthly seminar series on topics in Inflammation and injury in critical illness.

At 4 PM in RM 223, in the Nursing Arts Building, R.I. Hospital unless otherwise indicated.

Date:	Speaker:	Title:
January 23, 2001	Patricia S. Grutkoski, Ph.D. Research Associate Brown Univ. Sch. Med.	“Paracrine Regulation of Neutrophil Function and Apoptosis.”
February 13, 2001	Shinichiro Takeshita, Ph.D. Research Associate Brown Univ. Sch. Med.	“Neurobiological Studies of Sex Differences in the Processing of Temporomandibular Joint Injury.”
March 13, 2001	Lesley Doughty, M.D. Assistant Professor Brown Univ. Sch. Med.	“Viral Priming of the Innate Response to Endotoxin”
April 24, 2001	James Lederer, Ph.D. Assistant Professor Harvard Univ. Sch. Med.	“Interface of the Innate and Adaptive Host Response to Shock and Trauma”
May 22, 2001	Chun-Shiang Chung, Ph.D. Research Associate Brown Univ. Sch. Med.	“Lymphocyte Cell Death as a Pathological Process in Shock and Sepsis”
June 29, 2001	Sidney M. Morris, Jr., Ph.D. Dept. Mol. Gene. & Biochem. Univ. Pitt. Sch. Med.	“Infections, erections and inflammation: New perspectives on arginine metabolism.”
September 25, 2001	Liz Lavigne, B.S. Pathobiology Graduate Student Brown Univ. Sch. Med.	“Second Messenger Pathways Mediating the Response of Human Neutrophils to β -glucan”
October 23, 2001	Elizabeth O. Harrington, Ph.D. Assistant Professor V.A. Hosp. /Brown Univ. Sch. Med.	“Endothelial Barrier Function and Protein Kinase C”
December 18, 2001	Stephen Gregory, Ph.D. Associate Professor Brown Univ. Sch. Med./R.I. Hosp.	“Neutrophil- Kupffer Cell Interaction Facilitates Host Defenses to Systemic Infections”