

# **RABINOVICI REUVEN**

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## **EDUCATION AND APPOINTMENTS**

- 1974-80 Hebrew University Hadassah Medical School, Jerusalem -  
Medical student
- 1980 Jackson Memorial Hospital, Miami, FL - Medical student, Elective rotation  
in Surgery, Pulmonary and Cardiology Services
- 1980-81 Hadassah University Hospital, Jerusalem - Intern
- 1981 Department of Surgery, Academisch Medisch Centrum Amsterdam  
(AMCA), Holland - Intern, elective rotation
- 1982-87 Hadassah University Hospital, Jerusalem - Resident in General Surgery
- 1988 Department of Surgery, Hadassah University Hospital, Jerusalem -  
Attending Surgeon
- 1988-90 Neurobiology Research Division, Uniformed Services University of the  
Health Sciences, Bethesda, Maryland - Research Fellow
- 1989-90 Department of Surgery, Uniformed Services University of the Health  
Sciences: Walter Reed Army Medical Center and Naval Hospital,  
Bethesda - International scholar guest
- 1990-92 Department of Surgery, Jefferson Medical College, Philadelphia,  
Pennsylvania - Trauma/Surgical Critical Care Fellow
- 1992-97 Department of Surgery, Trauma Division, Jefferson Medical College,  
Philadelphia, Pennsylvania - Attending Surgeon and head of the Trauma  
Division Research Laboratory
- 1997 Department of Surgery, Yale School of Medicine, New Haven, Connecticut  
- Chief, Section of Trauma & Surgical Critical Care

## **ACADEMIC APPOINTMENTS**

- 1986            Instructor in Surgery - Hebrew University Hadassah Medical School, Jerusalem
- 1992            Assistant Professor in Surgery - Jefferson Medical College, Philadelphia
- 1993            Associate Professor in Surgery - Jefferson Medical College, Philadelphia
- 1997            Professor in Surgery - Yale School of Medicine, New Haven

## **DEGREE**

- 1982            M.D. - Hebrew University Hadassah Medical School, Jerusalem

## **CERTIFICATIONS AND LICENSES**

- 1982            License to practice medicine in Israel (no. 16483)
- 1987            Board Certification in General Surgery (Israel)
- 1990            Foreign Medical Graduate Examination in the Medical Sciences (FMGEMS)
- 1990            Advanced Trauma Life Support (ATLS) Core Course
- 1991            Advanced Trauma Life Support (ATLS) Instructor Course
- 1991            Federation Licensing Examination (FLEX)
- 1992            Pennsylvania Medical License (MD 046686 L)
- 1997            Connecticut Medical License (036337)
- 1997            Advanced Trauma Life Support (ATLS) Course Director

## **MEMBERSHIP**

American College of Surgeons

Society of University Surgeons  
 Association for Academic Surgery  
 American Association for the Surgery of Trauma  
 Eastern Association for the Surgery of Trauma  
 Society of Critical Care Medicine  
 Shock Society  
 Intentional Cytokine Society  
 American Medical Association  
 American Trauma Society  
 Pennsylvania Medical Society  
 Philadelphia Medical Society  
 Yale Surgical Society

**RESEARCH GRANTS**

1990	<b>Office of Naval Research N00014-90-C-0268 (co-PI):</b> “Development of liposome encapsulated hemoglobin”	<b>\$223,000</b>
1991	<b>DORP (PI):</b> “sCR1: A potential mediator of sepsis”	<b>\$ 10,000</b>
1992	<b>Naval Research Laboratory N00014-92-J-2010 (PI):</b> “Biological applications of liposome encapsulated hemoglobin”	<b>\$157,000</b>
1995	<b>SmithKline Beecham (PI):</b> “Potential involvement of sCR1 in the pathogenesis of ARDS”	<b>\$ 32,000</b>
1995	<b>SmithKline Beecham (PI):</b> “The role of sCR1 in the development of microvascular lung injury”	<b>\$ 56,000</b>
1995	<b>Naval Research Laboratory N00014-95-C-2208 (PI):</b> “Liposome encapsulated hemoglobin (LEH) toxicity: Interactions with monocytes and macrophages”	<b>\$529,000</b>

1995	<b>American Heart Association #95008900 (co-PI):</b> "Interleukin-2-induced lung injury, the role of TNF $\alpha$ "	<b>\$131,340</b>
1995	<b>Vestar Inc. (PI):</b> "Biological responses to exchange transfusion with liposome encapsulated hemoglobin"	<b>\$ 68,000</b>
1997	<b>NHLBI RO1 HL57969-01 (PI):</b> " <i>mob-1</i> , a novel C-X-C chemokine: Pathogenic role in ARDS"	<b>\$671,607</b>
1999	<b>NRL/SmithKline Beecham (PI):</b> Evaluation of safety and efficacy of liposome encapsulated hemoglobin"	<b>\$225,000</b>
1999	<b>DARPA N66001-99-C-8640 (PI):</b> " <i>In vitro</i> Characterization of pulmonary RNA editing response to bacterial and viral agents: A potential tool for early detection of exposure to biological warfare agents"	<b>\$154,000</b>
2000	<b>NIH (co-PI):</b> "The mechanism and function of A-to-I RNA editing"	<b>\$1,402,000</b>
2001	<b>DARPA N66001-01-C-8020 (PI):</b> "Characterization of the inflammatory response to biological warfare agents in ADAR1 over-expressing alveolar macrophages <i>in vitro</i> and ADAR1-knockout mice <i>in vivo</i> : A potential tool for early detection of threat"	<b>\$771,588</b>
2004	<b>NHLBI RO1 (PI):</b> "ADAR1 Modulates Lung Inflammation in ARDS"	<b>pending</b>

## **PRECEPTOR**

1. Michael Sofronski 1990-91 (medical student)
2. Dr. Andreas Spirig 1992-93 (research fellow)
3. Dr. Mark Whiteford 1994-95 (research fellow)
4. Fizan Abdullah 1994-1996 (MD-PhD student, successfully defended his thesis entitled: "mob-1: A novel mediator of ARDS.")
5. Phil Ovidia 1995-97 (medical student)
6. Dennis-Philip Roger 1992-96 (medical student)
7. Dr. Gunther Mathiak 1995-97 (research fellow)

8. Dr. Damian Szewczyk 1996 (research fellow)
9. Mei-Hong Chen 1998-99 (research post-doc)
10. Dexin Zheng 1998-99 (research post-doc)
11. Xian-xiang Luo 1998-99 (research post-doc)
12. Koroush Kabir 1998-99 (medical student)
13. Yingjun Su 1999-present (research post-doc)
14. Li Nie 2001-present (research post-doc)
15. Fangming Zhang 2002 (research post-doc)
16. Hai Li Su 2002 (research post-doc)
17. Ding Li 2003 (research associate)

### **AWARDS**

1. 1990 - Outstanding Performance Citation, USUHS
2. 1996 - Jefferson's Alumni Thesis Award for my graduate student Dr. Fizan Abdullah
3. 2002 –George Posener Endowment for training in trauma and surgical critical care (\$100,000)

### **EDITORIAL BOARD**

1. Shock
2. J Trauma
3. Crit Care Med (ad hoc)
4. Life Sci (ad hoc)
5. Surgery (ad hoc)
6. J Surg Res (ad hoc)

7. Nature Medicine (ad hoc)
8. Pharmacol Communication (ad hoc)
9. Am J Resp Crit Care Med (ad hoc).

### **HOSPITAL COMMITTEES**

1. Jefferson Medical College - Student Promotion Committee
2. Jefferson Medical College - Animal Care and Use Committee
3. Jefferson Medical College – Institutional Review Board (IRB)
4. Yale University School of Medicine – Surgical Education Committee
5. Yale University School of Medicine – Surgical Executive Committee
6. Yale University School of Medicine – Adult Trauma QI Committee
7. Yale University School of Medicine – Pediatric Trauma QI Committee
8. Yale University School of Medicine – Multidisciplinary Trauma Committee
9. Yale University School of Medicine – SICU QI Committee
10. General Advisory Committee (GAC) of Yale General Clinical Committee Center (GCRC)

### **PROFESSIONAL COMMITTEES**

1. EAST Committee on Bylaws
2. EAST Publications Committee
3. EAST Program Committee
4. EAST Future of Trauma Committee
5. AAST Trauma Webnet Task Force Committee

6. ACS Connecticut Chapter: Executive Committee on Trauma
7. Connecticut EMS Advisor Board

## **MILITARY SERVICE**

1970-1974 Israeli Defense Forces

## **PUBLICATIONS**

1. Koppolevic J, Rivkind A, Rabinovici R, Klin B, Eyal Z: Amputation neuroma of the common bile duct with obstructive jaundice. **Appl Pathol** 2:292, 1984.
2. Rabinovici R, Rivkind A, Lebenshart P, Berlatzky Y: Ultrasonic diagnosis of vesical leakage in a renal transplant patient. **Urologic Radiology** 8:112, 1986.
3. Rabinovici R, Fields S, Berlatzky Y, Shifrin E, Romanoff H: CT-guided needle aspiration diagnosing infected aortic graft. **J Cardiovas Surg** 29:318, 1988.
4. Rabinovici R, Reissman P, Eid A, Berlatzky Y, Krausz M: A new sump-suction appliance for drainage of enterocutaneous fistulas. **Br J Surg** 75:415, 1988.
5. Rabinovici R, Krausz M: Use of a nylon sleeve for safe reservoir down pulling during ileoanal anastomosis. **Dis Colon Rectum** 31:821, 1988.
6. Rivkind A, Sherman Y, Rabinovici R: Cystic duct carcinoma mimicking gallbladder empyema. **Am Surg** 55:314, 1989.
7. Rabinovici R, Gross D, Krausz M: Infusion of small volume of 7.5 per cent sodium chloride in 6.0 per cent dextran 70 for the treatment of uncontrolled hemorrhagic shock. **Surg Gyn Obstet** 169:137, 1989.
8. Rabinovici R, Heyman A, Kluger Y, Shinar E: Convulsions induced by aminocaproic acid infusion. **DICP - Ann Pharmacother** 23:780, 1989.
9. Rabinovici R, Rudolph AS, Feuerstein G: Characterization of cardiovascular, hematologic and biochemical responses to administration of liposome encapsulated hemoglobin in the conscious freely moving rat. **Circ Shock** 29:115, 1989.

10. Klin B, Rivkind A, Krausz Y, Rabinovici R, Chisin R, Eyal Z: Nonoperative management of blunt splenic trauma in adults. **Int Surg** 75:50, 1990.
11. Rabinovici R, Katz E, Goldin E, Ayalon A: The danger of high compliance balloons for esophageal dilatation. **Endoscopy** 22:63, 1990.
12. Rabinovici R, Rudolph AS, Yue, TL, Feuerstein G: Improved biological responses of synthetic distearoyl phosphatidyl choline-based liposome in the conscious rat. **Circ Shock** 30:207, 1990.
13. Feuerstein G, Hallenbeck JM, Vanatta B, Rabinovici R, Perera PY, Vogel SN: Effect of gram negative endotoxin on levels of serum corticosterone,  $TNF_{\alpha}$ , circulating blood cells and the survival of rats. **Circ Shock** 30:265, 1990.
14. Rabinovici R, Rudolph AS, Yue TL, Feuerstein G: Biological responses to liposome encapsulated hemoglobin (LEH) are improved by a PAF antagonist. **Circ Shock** 31:431, 1990.
15. Yue TL, Rabinovici R, Farhat M, Feuerstein G: Pharmacologic profile of BN 50739, a new PAF antagonist in vitro and in vivo. **Prostaglandins** 39:469, 1990.
16. Katz E, Rabinovici R, Kluger Y, Stein H, Gimon Z: Acute surgical diseases in schizophrenic patients. **Isr J Med Sci** 26:275, 1990.
17. Rabinovici R, Simanzki D, Mavor E, Kaplan O, Manny J: Cecal volvulus. **Dis Colon Rectum** 33:765, 1990.
18. Rabinovici R, Rudolph AS, Ligler F, Yue TL, Feuerstein G: Liposome encapsulated hemoglobin (LEH): an oxygen carrying fluid. **Circ Shock** 32:1, 1990.
19. Yue TL, Farhat M, Rabinovici R, Feuerstein G: Protective effect of BN 50739, a new PAF antagonist, on endotoxin treated rabbits. **J Pharmacol Exp Ther** 254:976, 1990.
20. Rabinovici R, Yue TL, Farhat M, Smith III EF, Esser KM, Slivjak M, Feuerstein G: Platelet activating factor and tumor necrosis factor interactions in endotoxic shock: studies with BN 50739, a new PAF antagonist. **J Pharmacol Exp Ther** 255:256, 1990.
21. Rabinovici R, Krausz MM, Feuerstein G: Control of bleeding is essential for a successful treatment of hemorrhagic shock with 7.5% NaCl solution. **Surg Gynecol Obstet** 173:98, 1991.

22. Rabinovici R, Manny J: Perforated duodenal ulcer in the elderly. **Eur J Surg** 157:121, 1991.
23. Rabinovici R, Esser KM, Lysko PG, Yue T-L, Griswold DE, Hillegass LM, Bugelski PJ, Feuerstein G: Priming by PAF of endotoxin-induced lung injury and cardiovascular shock. **Circ Res** 69:12, 1991.
24. Yue TL, Rabinovici R, Farhat M, Feuerstein G: Inhibitory effect of BN 50739, a new PAF antagonist on PAF-induced rabbit platelet aggregation in vitro and ex vivo. **J Lipid Mediators** 3:13, 1991.
25. Krausz MM, Kablan M, Rabinovici R, Klin B, Sherman Y, Gross D: Effect of injured vessel size on bleeding following hypertonic saline infusion in "uncontrolled" hemorrhagic shock in anesthetized rats. **Circ Shock** 35:9, 1991.
26. Rudolph AS, Rabinovici R., Feurstien G, Ligler FS, Goins B, Cliff R, Klipper R, and Phillips WT: Liposome Encapsulated Bovine Hemoglobin; Circulation Persistence, Biodistribution, Hemodynamics and Long-Term Storage, **Biomat Art Cells and Immob Biotech** 19:478, 1991.
27. Yue TL, Rabinovici R, Feuerstein G: Platelet activating factor - a putative mediator in inflammatory tissue injury. **Adv Exp Med Biol** 314:223, 1991.
28. Rabinovici R, Yue TL, Feuerstein G: Platelet activating factor (PAF) in cardiovascular stress situations. **Lipids** 26:1257, 1991.
29. Rabinovici R, Yue TL, Vernick J, Feuerstein G: PAF and TNF $\alpha$  interactions in the pathophysiology of septic shock. **Adv Exp Med Biol** 314:193, 1991.
30. Rabinovici R, Sofronski MD, Rendz JF, Hillegas LM, Esser KM, Vernick J, Feuerstein G: Platelet activating factor mediates interleukin-2-induced lung injury. **J Clin Invest** 89:1669, 1992.
31. Rabinovici R, Rudolph AS, Ligler F, Yue TL, Smith III EF, Feuerstein G: Biological responses to exchange transfusion with liposome encapsulated hemoglobin (LEH). **Circ Shock** 37:124, 1992.
32. Yue TL, Smith EF, Rabinovici R, Ohlstein E, Egan J, Slivjak M, Feuerstein G: Differential effects of G-619 on thromboxane A<sub>2</sub> receptors in platelets and blood vessels. **Thromb Hemost** 66:331, 1992.
33. Krausz M, Bar Ziv M, Rabinovici R, Gross D: "Scoop and run" or stabilize hemorrhagic shock with normal saline or small-volume hypertonic saline?. **J Trauma** 33:6, 1992.

34. Rabinovici R, Krausz MM, Yue TL, Sellers TS, Mackell Lynch K, Feuerstein G: Hemodynamic, hematologic and eicosanoid-mediated mechanisms in 7.5% NaCl treatment of uncontrolled hemorrhagic shock. **Surg Gynecol Obstet** 175:341, 1992.
35. Rabinovici R, Sung C-P, Rudolph AS, Feuerstein G: Effect of liposome encapsulated hemoglobin (LEH) on adhesiveness of human umbilical vein endothelial cells for monocytic U937 cells. **Pharmacol Commun** 1:195, 1992.
36. Rabinovici R, Yue G, Hillegas LM, Griswold DE, DiMartino MJ, Vernick J, Fong K-LL, Feuerstein G: The role of complement in endotoxin/PAF-induced lung injury. **J Immunol** 149:1744, 1992.
37. Feuerstein G, Rabinovici R: Advances in the pharmacology of spinal cord injury. **Trauma Q** 9:53, 1993.
38. Rabinovici R, Bugelski PJ, Esser KM, Hillegas LM, Vernick J, Feuerstein G: ARDS-like lung injury produced by endotoxin in platelet activating factor-primed rats. **J Appl Physiol** 74:1791, 1993.
39. Spirig A, Rabinovici R: Liposome encapsulated hemoglobin: A potential artificial blood substitute. **Drugs of the Future** 18:249, 1993.
40. Rabinovici R, Rudolph AS, Feuerstein G: A new salutary resuscitative fluid: Liposome encapsulated hemoglobin (LEH)-hypertonic saline solution. **J Trauma** 35:121, 1993.
41. Rabinovici R, Renz J, Esser MK, Vernick J, Feuerstein G: Serum TNF $\alpha$  profile in trauma patients. **J Trauma** 35:698, 1993.
42. Rabinovici R, Esser KM, Lysko PG, Yue T-L, Griswold DE, Hillegass LM, Bugelski PJ, Vernick J, Feuerstein G: Tumor necrosis factor- $\alpha$  mediates endotoxin-induced lung injury in platelet activating factor-primed rats. **J Pharmacol Exp Ther** 267:1550, 1993.
43. Rabinovici R, Rudolph AS, Feuerstein G: Lyophilized liposome encapsulated hemoglobin: Evaluation of hemodynamic, biochemical and hematological responses. **Crit Care Med** 22:480, 1994.
44. Rabinovici R, Sofronski MD, Borboroglu P, Spirig AM, Hillegas LM, Levine J, Vernick J, Feuerstein N, Feuerstein G: Interleukin-2-induced lung injury: The role of complement. **Circ Res** 74:329, 1994.

45. Rabinovici R, Feuerstein G, Neville L: Cytokine gene and peptide regulation in lung microvascular injury: New insights on the development of the adult respiratory distress syndrome (ARDS). **Ann NY Acad Sci** 725: 346, 1994.
46. Feuerstein G, Rabinovici R: Importance of IL-8 and chemokines in organ injury and Shock. **Crit Care Med** 22:550, 1994.
47. Rabinovici R, Feuerstein G: Cooperation of PAF, TNF $\alpha$  and complement in septic microvascular lung injury. **J Lipid Mediators** 10:99, 1994.
48. Tran NV, Vernick J, Cotler JM, Rabinovici R: Lateral tracheostomy for patients undergoing anterior cervical fusion. **Br J Surg** 82:412, 1995.
49. Rabinovici R, Rudolph AS, Neville LF, Feuerstein G: Hemoglobin-based oxygen-carrying resuscitation fluids. **Crit Care Med** 23: 801, 1995.
50. Feuerstein G, Neville L, Rabinovici R: Pulmonary TNF $\alpha$  is a critical mediator in adult respiratory distress syndrome. **J Endotoxin Res** 2:189-193, 1995.
51. Rabinovici R, Neville L, Abdullah F, Philips D, Vernick J, Hillegass L, Fong K-L, Feuerstein G: Aspiration-induced lung injury: The role of complement. **Crit Care Med** 23:1405, 1995.
52. Rabinovici R, Neville L, Feuerstein G: Current understanding of sepsis: Criticism and a proposal. **J Endotoxin Res** 2:163, 1995.
53. Whiteford MH, Abdullah F, Vernick J, Rabinovici R: Thoracic duct injury in penetrating neck trauma. **Am Surg** 61:1072, 1995.
54. Neville L, Abdullah F, McDonnell PM, Young PR, Feuerstein G, Rabinovici R: mob-1 expression in IL-2-induced ARDS: Regulation by TNF $\alpha$ . **Am J Physiol** 269: L884, 1995.
55. Rabinovici R, Vernick J, Hillegas LM, Neville L: Hypertonic saline treatment of acid aspiration-induced lung injury. **J Surg Res** 60:176, 1996.
56. Rabinovici R, Feuerstein G, Abdullah F, Whiteford M, Borboroglu, Sheik E, Phillip D-R, Ovdia P, Bobroski L, Bagasra O, Neville L: Locally-produced TNF $\alpha$  mediates IL-2-induced lung injury. **Circ Res** 78:329, 1996.

57. Neville LF, Abdullah F, Whiteford M, Ovadia P, Feuerstein G, Rabinovici R: Application of differential display in interleukin-2-induced adult respiratory distress syndrome. **Ann NY Acad Sci** 796:257, 1996.
58. Rudolph AS, Cliff R, Kwasiborski V, Neville L, Abdullah F, Rabinovici R: LEH modulation of LPS-induced TNF $\alpha$  production from mouse splenic macrophages and RAW 264.7 cells. **Crit Care Med** 25: 460, 1997.
59. Feuerstein G, Rabinovici R, Leor J, Winkler JD, Vonhof S: Platelet activating factor (PAF) and cardiac diseases: Therapeutic potential for PAF inhibitors. **J Lipid Mediators** 15: 255, 1997.
60. Rabinovici R, Szewczyk D, Ovadia P, Greenspan J, Sivalingam J: Candida pericarditis: Clinical profile and treatment. **Ann Thorac Surg** 63: 1200, 1997.
61. Abdullah F, Whiteford M, Ovadia P, Neville LF, Rudolph A, Grillo S, Rabinovici R: Effect of liposome encapsulated hemoglobin on serum triglyceride, total cholesterol, LDL and HDL cholesterol measurements. **Lipids** 32: 377, 1997.
62. Mathiak G, Szewczyk D, Abdullah F, Ovadia P, Rabinovici R: Platelet activating factor in experimental and clinical sepsis. **Shock** 7: 391, 1997.
63. Abdullah F, Neville L, Ovadia P, Feuerstein G, Rabinovici R: The novel chemokine *mob-1*: involvement in ARDS. **Surgery** 122: 303, 1997.
64. Rabinovici R: Hemoglobin-based blood substitutes. **Trauma Q** 13: 315, 1997.
65. Ovadia P, Szewczyk D, Rabinovici R: Bilateral cervical rib fracture secondary to blunt trauma. **J Trauma** 43: 157, 1997.
66. Damian Szewczyk, MD, Philip Ovadia, Fizan Abdullah, Rabinovici R: Pressure-induced rhabdomyolysis and acute renal failure. **J Trauma** 44: 384, 1998.
67. Whiteford M, Spirig A, Rudolph AS, Neville L, Abdullah F, Feuerstein G, Rabinovici R: Effect of LEH on the development of endotoxin-induced shock in the rat. **Shock** 9: 428, 1998.
68. Rabinovici R, Ovadia P, Mathiak G, Abdullah F: Abdominal injuries associated with lumbar spine fractures in blunt trauma. **Injury** 30: 471, 1999.
69. Pan D, Moore III HG, Angood P, Rabinovici R: Aortic injury resulting from attempted subclavian central venous catheter placement. **J Trauma** 47: 403, 1999.

70. Ovadia P, Szewczyk D, Walker K, Abdullah F, Rabinovici R: Admission patterns in an urban Level I trauma center. **Am J Med Quality** 15: 9, 2000
71. Rabinovici R, Spirig A, Abdullah F, Phillip D-R, Ovadia P, Rudolph A: Liposome-encapsulated hemoglobin does not exacerbate endotoxin-induced lung injury. **Crit Care Med** 28: 1924, 2000.
72. Mathiak G, Szewczyk D, Abdullah F, Ovadia P, Feuerstein G, Rabinovici R: An improved clinically-relevant sepsis model in the conscious rat. **Crit Care Med** 28: 1947, 2000.
73. Mitropoulos F, Angood P, Rabinovici R: Trovafloxacin-associated leukopenia. **Ann Pharmacotherapy** 35: 41, 2001.
74. Bell RL, Ovadia P, Abdullah F, Spector S, Rabinovici R: Discontinuation of chest tubes: End-inspiration or end-expiration? **J Trauma** 50: 674, 2001.
75. Rabinovici R, K. Kabir, M. Chen, D, Zhang D, Luo X, Yang J.-H: A-to-I RNA Editing is Involved in the Development of Microvascular lung Injury. **Circ Res** 88: 1072, 2001.
76. Rabinovici R: The status of hemoglobin-based red cell substitutes. **Israel Med Association Journal** 3: 691, 2001.
77. Anderson J, Rabinovici R, Frankel H. Percutaneous dilational tracheostomy vs open tracheostomy. **Chest** 120: 1423, 2001.
78. Kabir K, Gelinas JP, Chen M, Zhang D, Luo X, Yang J-H, Rabinovici R: Characterization of endotoxin-induced murine model of acute lung injury. **Shock** 17: 300, 2002.
79. Kepros J, Angood P, Rabinovici R: Aortic intimal injuries from blunt trauma: Resolution profile in non-operative management. **J Trauma** 52: 475, 2002.
80. Yoon LS, Haims AH, Brink JA, Rabinovici R, Forman HP: Evaluation of an emergency radiology quality assurance program at a Level I Trauma Center and clinical consequences of radiologic "errors. **Radiology** 224: 42, 2002.
81. Rabinovici R, Zhang D, Su Y, Luo X, Yang J-H: *mob-1* and TNF $\alpha$  interact to induce microvascular lung injury. **Shock** 18:261, 2002.
82. Rabinovici R: Myocardial contusion (Editorial Comment). **J Trauma** 52: 484, 2002.

83. Rabinovici R: Rapid body cooling by cold fluid infusion prolongs survival time during uncontrolled hemorrhagic shock in pigs (Editorial Comment). **J Trauma** 52: 1061, 2002.
84. Tran D, Frankel H, Rabinovici R: The profile of the trauma director in Level I Trauma Centers. **J Trauma** 52:835, 2002.
85. Hashim R, Frankel HL, Tandon M, Rabinovici R: Fluid resuscitation-induced cardiac tamponade. **J Trauma** 53:1183, 2002.
86. Abdullah F, Neuberger A, Rabinovici R: Self-inflicted abdominal stab wounds. **Injury** 34: 35, 2003.
87. Yang J-H, Luo X, Nie Y, Su Y, Zhao Q, Kabir K, Zhang D, Rabinovici R: Widespread Inosine-containing mRNA in Lymphocytes Regulated by ADAR1 in Response to Inflammation. **Immunology** 109: 15, 2003
88. Rabinovici R: Platelet activating factor (PAF) in sepsis: The end? (Editorial comment) **Crit Care Med** 31: 1861, 2003.
89. Yang JH, Nie Y, Zhao Q, Su Y, Pypaert M, Su H, Rabinovici R: Intracellular Localization of Differentially Regulated ADAR1 Isoforms in Inflammation. **J Biol Chem** 278: 45833, 2003.
90. Zendeherouh P, Tandon M, Frankel H, Rabinovici R: Hyoid bone fracture from a gunshot wound. **J Trauma** 55: 1003, 2003.
91. Portereiko J, Frankel H, Rabinovici R: Active bleeding from a lacerated appendicular artery in a blunt trauma patient. **J Trauma** 56: 1171, 2004.
92. Bank MA, Frankel HL, Tandon M, Rabinovici R: Use of FAST to prioritize evaluation and treatment of concomitant penetrating head, chest and torso wounds. **Am J Emergency Med** (in press).
93. Degutis LC, Rabinovici R, Sabbaj A, Mascia R, D'Onofrio G: The Saliva Strip Test is an Accurate Method to Determine Blood Alcohol Concentration in Trauma Patients. **Aced Em Med** (In press).
94. Portereiko JV, Perez MM, Hojman H, Frankel H, Rabinovici R: Acute Upper Airway Obstruction by an Over-Inflated Combitube Esophageal Obturator Balloon. **J Trauma** (in press).

## **BOOK CHAPTERS**

1. Rabinovici R, Yue TL, Feuerstein G: PAF and TNF relationship in septic shock. In Ramwell P (ed): "**PAF antagonists: new developments for clinical applications.**" Portfolio Publishing Co., The Woodlands, TX, 1990, p215.
2. Yue TL, Frerichs K, Lindsberg PJ, Braquet P, Lysko P, Edwards RM, Rabinovici R, Feuerstein G: Platelet activating factor (PAF) as a mediator in pathophysiology of central nervous system. In Ramwell P (ed): "**PAF antagonists: new developments for clinical applications.**" Portfolio Publishing Co., The Woodlands, TX, 1990, p83.
3. Rabinovici R, Feuerstein G: Catecholamines in septic shock: A meta-analysis evaluation. In Neugebauer E, Holaday J (eds): "**Handbook of Mediators in Septic Shock.**" CRC Press Inc, FL, pp 141, 1993.
4. Rabinovici R, Neville L, Feuerstein G, Rudolph AS: Liposome-encapsulated hemoglobin: Interactions with the mononuclear phagocytic system. In Shek PN (ed): "**Liposomes in Biomedical Applications.**" Hardwood Academic Publishers, pp 227, 1995.
5. Rabinovici R, Nevill LF, Feuerstein G: New concepts in septic ARDS: Initiation by synergism between nontoxic doses of lipopolysaccharide and platelet-activating factor. In Faist E, Baue AE, Schildberg FW (eds): "**The Immune consequences of trauma, shock and sepsis: Mechanisms and therapeutic approaches.**" PABST, Berlin, pp 386, 1996.
6. Rabinovici R, Neville L, Spirig AS, Rudolph A, Feuerstein G: LEH interactions with the mononuclear phagocytic system. In Faist E, Baue AE, Schildberg FW (eds): "**The Immune consequences of trauma, shock and sepsis: Mechanisms and therapeutic approaches.**" PABST, Berlin, pp 802, 1996.
7. Feuerstein G, Neville L, Vernick J, Rabinovici R: Role of complement in adult respiratory distress syndrome. In Faist E, Baue AE, Schildberg FW (eds): "**The Immune consequences of trauma, shock and sepsis: Mechanisms and therapeutic approaches.**" PABST, Berlin, pp 1234, 1996.
8. Rabinovici R, Phillips B, Feuerstein G, Rudolph A: Encapsulation of hemoglobin in liposomes. In Rabinovici R, Feuerstein G, Rudolph A (eds): "**Fundamental Principles and Clinical Applications of Blood Substitutes.**" Marcel Dekker, New York, NY, pp 263, 1998.
9. Rabinovici R, Abdullah F, Mathiak G, Feuerstein G: Platelet activating factor in sepsis: An update. In Brade H, Morrison DC, Opal SM, Vogel SN (eds):

**"Endotoxin in Health and Disease."** Marcel Dekker, New York, NY pp 561, 1999.

10. Rabinovici R, Abdullah F: Role of platelet activating factor (PAF) in sepsis. In Pandalai SG (ed): **"Recent Research Developments in Lipid Research."** Trans World Research Network 4:435, 2000.
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4. Yue TL, Farhat M, Rabinovici R, Feuerstein G: Protective effect of BN 50739, a new PAF antagonist, on endotoxin treated rabbits. In Rogers MC, Parillo JE (eds): **Year Book of Crit Care Med** (Mosby, St Louis), 1992, p. 62.

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### **ABSTRACTS AND PRESENTATIONS**

(\* , Invited speaker/Session Chairman)

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6. Rabinovici R, Rudolph AS, Feuerstein G: Evaluation of liposome encapsulated hemoglobin (LEH) as artificial blood in the conscious rat. Presented at the Twelfth Annual Conference on Shock, Marco Island, Florida, 1989. **Circ Shock** 27:355, 1989.

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18. Rabinovici R, Klaus M Esser, Paul G Lysko, Tian-Li Yue, Don E. Griswold, Leonard M. Hillegass, Peter J Bugelski, and Giora Feuerstein: A new model of adult respiratory distress syndrome (ARDS): Priming by platelet activating factor of endotoxin-induced lung injury. Presented at the 75th Annual Meeting of the Federation of American Societies for Experimental Biology (FASEB), Atlanta, GA, 1991. **FASEB J** 4:A346, 1991.
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  77. Rabinovici R\*: ARDS: New insights. Presented at the Yale Surgical Grand Rounds series, New Haven, CT, 1997.
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81. Rabinovici R\*: New insights into the pathogenesis of ARDS. Presented at the 3<sup>rd</sup> New England Regional Trauma Conference, Burlington, MA, 1998.
82. Rabinovici R\*: ARDS: Clinical and experimental perspectives. Presented at the Connecticut State Chest Conference, New Haven, CT, 1998.
83. Rabinovici R\*: Blood substitutes: Treatment of hemorrhagic shock. Presented at the 28 Educational and Scientific Symposium of the Society of Critical Care Medicine, San Francisco, 1999.
84. Rabinovici R\*: Novel strategies to combat ARDS. Presented at the Grand Round Lecture of the Academic Medical center Amsterdam, Amsterdam, Holland, 1999.
85. Rabinovici R\*: Clinical and experimental aspects of ARDS. Presented at the 21<sup>st</sup> Annual Meeting of the Israeli Surgical Society, Haifa, Israel, 1999.
86. Rabinovici R\*: End-points of resuscitation. Presented at the NIH/FDA Sponsored Meeting on Criteria for Safety and Efficacy Evaluation of Oxygen Therapeutics as Red Cell Substitutes. Bethesda, MD, 1999.
87. Rabinovici R\*: Hypertonic saline resuscitation in hemorrhagic shock. Presented at the Conference on ICU anemia. Phoenix, AZ, 1999.
88. Rabinovici R: RNA editing and microvascular lung injury. Presented at the Grand Rounds Lecture, Hadassah Medical Center, Jerusalem Israel, 1999.
89. Rabinovici R\*: Missed Diaphragmatic injuries in penetrating chest trauma.. Presented at the 4th New England Regional Trauma Conference, Burlington, MA, 1999.
90. Rabinovici R\*: ARDS and RNA editing. Presented at the 5th International Conference on The Immune Consequences of Trauma, Shock and sepsis, Munich, Germany, 2000.
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93. Rabinovici R\*: Bacterial-induced RNA editing: A potential tool for early detection of biological warfare agents. Presented at the DARPA meeting on Controlled Biological and Biomimetic Systems (CBBS) and Tissue Based Biosensors (TBB), San Antonio, TX, 2000.
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105. Rabinovici R\*: Critical situations in trauma resuscitation. Presented at the Yale Surgical Grand Rounds series, New Haven, CT, 2001.
106. Bank M, Frankel H, Andersen J, Vosswinkel J, Modak R, Tandon M and Rabinovici R: Elucidation of a score to determine the need for screening postoperative troponin (Tnl) evaluation. Presented at the 32nd Educational and Scientific Symposium of the Society of Critical Care Medicine, San Diego, 2002.
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108. Rabinovici R\*: Novel approaches to current problems in critically ill patients. Presented at the 25<sup>th</sup> Annual Conference on Shock, Big Sky, Montana, 2002.
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121. Frankel H, Rabinovici R: The use of corporate six sigma performance improvement strategies to reduce the incidence of catheter-related bloodstream infections in a surgical intensive unit of a tertiary referral university hospital. To be presented at the 33<sup>rd</sup> Scientific Symposium of the Society of Critical Care Medicine, Orlando, FL, 2004.
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