

CURRICULUM VITAE

ELLIOT GOODMAN, M.D.

Beth Israel Medical Center
Department of Surgery

EDUCATION

- 10/83-6/86 **Queens College, Cambridge University**
Cambridge, England
Bachelor of Arts Degree, Natural Science
- 9/86-12/88 **M.B. B. Chir. – Clinical School, Cambridge University**
Cambridge, England
Medical Degree

POST-DOCTORAL TRAINING

Internship and Residencies

- 1/89-7/89 *Surgery*
Academic Unit, Addenbrookes Hospital, Cambridge, England
- 8/89-1/90 *Medical*
Barnet General Hospital, London, England
- 5/90-6/92 *Residency*
7/94-6/96 **Maimonides Medical Center, Brooklyn, New York**
- 7/92-6/94 *Research Fellowship*
Department of Surgery, College of Physicians and Surgeons
Columbia University, New York, New York
- 7/96-1/97 *Fellowship*
Trauma and Critical Care Fellow,
Coney Island Hospital, Brooklyn, New York

LICENSURE

- New Jersey Medical License No. MA63819 Expires 6/30/07
- New York Medical License No. 000510 Expires 7/31/08

CERTIFICATION

Board Certified, American Board of Surgery (September, 1997)

UNIVERSITY APPOINTMENTS

- 9/99-Present *Assistant Professor of Surgery*
Albert Einstein College of Medicine
- 7/98-8/99 *Assistant Professor of Surgery*
UMDNJ/NJ Medical School
- 1/97-6/98 *Instructor of Surgery*
UMDNJ/NJ Medical School

HOSPITAL APPOINTMENTS

- 4/06- Present *Chief of Bariatric Surgery Service*
Beth Israel Medical Center, New York, New York
- 1/04- Present *Attending Surgeon*
Beth Israel Medical Center, New York, New York
- 9/99- 1/04 *Attending Surgeon*
Montefiore Medical Center, Bronx. New York
- 1/97-8/99 *Attending Surgeon*
University Hospital, Newark, New Jersey

AWARDS AND HONORS

- 1988 Dennis Dooley Prize for Clinical Anatomy, Cambridge University
- 1990-1991 Surgical Intern of the Year, Maimonides Medical Center, New York
- 1995 Silver Medal, Murray S. Friedman Competition for Surgical Research
American College of Surgeons, Brooklyn/Long Island Chapter

- 1996 Teacher of the Year Award, Graduating Chief Residents,
Department of Surgery, Maimonides Medical Center, New York
- 1998 Short-Listed for Joseph Susman Award, Surgical Infection Society

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS

- British Medical Association
- American Medical Association
- American College of Surgeons (Associate Fellow)
- American Society of Bariatric Surgeons
- Eastern Association for the Surgery of Trauma
- Shock Society
- S.S.A.T.
- Academy for Surgical Research
- Association for Academic Surgeons
- Surgical Infection Society
- New York State Obesity Surgery Workgroup (2003-4)
- New Jersey Department of Health Bariatric Surgery Working Party (2004-5)

MAJOR RESEARCH INTERESTS

- Diabetes and obesity
- Risk of thromboembolism in obesity
- Immunology of sepsis and trauma

GRANT AND RESEARCH TRIAL HISTORY

Principal Investigator

- **Zeneca Incorporated** **Study Initiated 2/99**
The Pharmacokinetics, Safety and Pilot Efficacy of Continuous Intravenous Infusions of ZD8321 in Subjects with Acute Respiratory Distress Syndrome (ARDS) or Acute Lung Injury (ALI) Requiring Mechanical Ventilation.
- **Pfizer Incorporated** **Study Initiated 3/99**
A Randomized, Multicenter, Double-Blind Trial Assessing the Safety and Efficacy of Intravenous Alatrofloxacin Followed by Oral Ciprofloxacin plus Metronidazole for the Treatment of Complicated Intra-Abdominal Infections.

- **LifeCell Incorporated**

Study Initiated 1/06

A Randomized Control Trial Assessing Use of Alloderm Acellular Matrix to Reinforce Fascial Closure after Gastric Bypass Surgery.

- **Albert Einstein College of Medicine
(self-funded pilot study)**

Study Initiated 8/07

The Einstein Bariatric Surgery Study: The Effects of Dramatic Weight Loss Induced By Bariatric Surgery On Fertility, Bone Density, Addictive Patterns of Behavior and Biomarkers of Visceral Fat and Inflammation

(Principal Investigator for Beth Israel Site)

BIBLIOGRAPHY

ARTICLES

- **Goodman ER:** Embryogenesis of the intrinsic innervation of the hindgut and its relevance to Hirschsprung's disease. *Ped. Rev. Comm.* 3:332-44, 1990.
- Hardy MA and **Goodman ER:** Transplantation. *JAMA (Contempo)* 270:262-5, 1993
- Hardy MA and **Goodman ER:** Transplantation. *JAMA (Contempo)* 271:1716-7, 1994
- **Goodman ER,** Fiedor PS, Fein S, Hardy MA, and Athan E. Low dose Ultraviolet B pretreatment of human islets reduces graft immunogenicity through the induction of APC apoptosis, without adversely affecting insulin secretion. *Trans. Proc.* 27:1347-8, 1995.
- Fiedor PS, Sung RS, **Goodman ER,** Oluwole SF, Lienska I, Mazurek PA, Rowinski W, and Hardy MA. The influence of hemodynamic variables in organ donors on a pancreatic islet yield. *Trans. Proc.* 27:3250, 1995.
- **Goodman ER,** Fiedor PS, Fein S, Athan E, and Hardy MA. Two DNA synthesis inhibitors with potent immunosuppressive activity prolong both islet allograft and xenograft survival. *Trans. Proc.* 27:3293-4, 1995.
- Sung RS, Fiedor PS, Yaron I, Zakheim AR, Quadracci KM, **Goodman ER,** and Hardy MA. Engraftment and survival of human islet xenografts irradiated with Ultraviolet B in immunocompetent diabetic mice. *Trans. Proc.* 27:3295-6, 1995.

- **Goodman ER**, Fiedor PS, Fein S, Athan E, and Hardy MA. Fludarabine phosphate: a purine synthesis inhibitor with potent immunosuppressive activity and low clinical toxicity. *American Surgeon* 62:435-42, 1996.
- Sung RS, Fiedor PS, Yaron I, Zakheim AR, Quadracci KM, **Goodman ER** and Hardy MA. Survival of human islet xenografts irradiated with UVB in diabetic rats. *Trans. Proc.* 28:839, 1996.
- **Goodman ER**, Kleinstein E, Fusco AM, et al. Role of IL-8 in the genesis of ARDS through an effect on the neutrophil apoptosis. *Arch. Surg.* 133:1234-1239, 1998.
- Kleinstein E, **Goodman ER**, Fusco AF, et al. CXC Chemokine-modulated neutrophil apoptosis: Implications in the treatment of ARDS. *Surg. Forum.* XLIX: 111-112, 1998
- Hauser CJ, Fekete Z, Livingston DL, **Goodman ER**, Kleinstein E, et al. PMN priming by ARDS plasma is a result of integrated chemokine-induced Calcium signaling. *J. Leu. Biol. Supplement* (1):15, 1998.
- **Goodman ER**, Kleinstein E, Fusco AM et al. Neutrophil apoptosis is mediated by the CXC chemokine type II receptor: Implication in the treatment of ARDS. *Shock, Supp.* 9:65, 1998.
- Deitch EA and **Goodman ER**. Prevention of Multi-Organ Failure. *Surg. Clin. North Am.* 79:1471-88, 1999.
- Hauser CJ, Fekete Z, **Goodman ER**, Kleinstein E, Livingston DH, Deitch, EA. CXCR2 stimulation primes CXCR1 [Ca²⁺]_i responses to IL-8 in human neutrophils. *Shock* 12(6): 428-37, 1999
- **Goodman ER**, Stricker P, Velavicius M, Fonseca R, Kleinstein E, Lavery R, Deitch EA, Hauser CJ, and Simms HH. Role of granulocyte-macrophage colony-stimulating factor and its receptor in the genesis of acute respiratory distress syndrome through an effect on neutrophil apoptosis. *Arch Surg.* 134(10): 1049-54, 1999.
- Hauser CJ, Fekete Z, Livingston DH, **Goodman ER**, and Deitch EA. Integrated stimulation by CXC chemokines enhances PMN [Ca²⁺]_i signaling trauma and adult respiratory distress syndrome. *Surgery* 126(2): 208-15, 1999.
- Glinski J, Wetzler S and **Goodman ER**. The psychology of gastric bypass surgery. *Obesity Surgery* 11:581-8, 2001.
- Levi D, **Goodman ER**, Patel M and Savransky Y. Critical care of obese and bariatric surgical patients. *Crit. Care Clin.* 19:11-32, 2003.

- Bocker J, Vasile J, Zager J and **Goodman E**. Intussusception: an uncommon cause of post-operative small bowel obstruction after gastric bypass. *Obes Surg.* 14:116-9, 2004
- Latner J, Wetzler S, **Goodman ER**, Glinski J. Gastric bypass in a low-income, inner-city population: eating disturbances and weight loss. *Obes. Res.* 12:956-61, 2004.
- **Goodman ER**. OSA and Bariatric Surgery. *Advances for Managers of Respiratory Care*, 15:49-52, 2006.
- Garguilo N, Veith F, Lipsitz E, Suggs W, Okhi TA and **Goodman ER**. Experience with inferior vena cava filter placement in patients undergoing open gastric bypass procedures. *J. Vasc. Surg.* 44:1301-5, 2006.
- Leitman IM, Taylor JT, Rosser JC, Davis B and Goodman ER. Does the position of the alimentary limb in Roux-en-Y gastric bypass surgery make a difference? Accepted for publication, *J Gastrointest Surg.*, 10:1397-9, 2006.
- [Li W](#), [Tonelli J](#), [Kishore P](#), [Owen R](#), [Goodman E](#), [Scherer PE](#), [Hawkins M](#). Insulin-sensitizing effects of thiazolidinediones are not linked to adiponectin receptor expression in human fat or muscle. [Am J Physiol Endocrinol Metab.](#) 292:1301-7, 2007.
- [Stein EG](#), [Cynamon J](#), [Katzman MJ](#), [Goodman E](#), [Rozenblit A](#), [Wolf EL](#), [Jagust MB](#). Percutaneous gastrostomy of the excluded gastric segment after Roux-en-Y gastric bypass surgery. [J. Vasc. Interv. Radiol.](#) 18(7): 914-9, 2007.
- [Gargiulo NJ 3rd](#), [Veith FJ](#), [Lipsitz EC](#), [Suggs WD](#), [Ohki T](#), [Goodman E](#), [Vemulapalli P](#), [Gibbs K](#), [Teixeira J](#). The incidence of pulmonary embolism in open versus laparoscopic gastric bypass. *Ann. Vasc. Surg.* 21:556-9, 2007

• **BOOKS, MONOGRAPHS AND CHAPTERS**

- **Goodman ER** and Hardy MA: Transplantation 1992; the year in review. In: [Clinical Transplants 1992](#). PL Terasaki and Jim Cecka, (eds.), UCLA, Los Angeles, pp. 285-297, 1993.
- **Goodman ER**, Reemtsma K and Hardy MA: In Xenotransplantation in the 21st Century. In: [Intra-abdominal Transplantation 2000](#). LS Sher. And L. Makowka (eds.), R.G. Landes Co., Austin, TX. Pp. 119-133, 1994.
- Hardy MA, Athan E, **Goodman ER** and Oluwole S: In [Immunomodulation by Ultraviolet B Irradiation](#). RP Lanza and WL Chick (eds.), Pancreatic Islet Transplantation (Volume II), R.G. Landes Co., Austin, TX. pp. 111-127, 1994.

- Hardy MA and **Goodman ER**: New Techniques and Strategies of Immunosuppression. Monographs in Transplantation, C. Miller and M. Schwartz. (eds.), Churchill Communications, Inc., Clifton, New Jersey, Volume 21, Issue 1, 1994.

PRESENTATIONS

- **Goodman ER**, Athan E, Rosen S, and Hardy MA. Suppression of inducible ICAM-1 expression in human islet cells by Ultraviolet B: a possible means of immunomodulation in clinical transplantation. Presented to the 4th meeting of the International Pancreatic and Islet Transplantation Association, Amsterdam, July, 1993.
- **Goodman ER**, Fiedor PS, Fein S, Athan E, and Hardy MA. Low Dose Ultraviolet B pre-treatment of human islets reduces graft immunogenicity through the induction of APC apoptosis without adversely affecting insulin secretion. Presented to the Scientific Meeting of the New York Transplantation Society, New York, March, 1994.
- Athan E, **Goodman ER**, Oluwole S, and Hardy MA. UVB-mediated reduction in cytokine-induced surface expression of MHC and co-stimulatory molecules on accessory cells is associated with apoptosis. Presented at the Experimental Biology 194 Meeting of the Federation of American Societies of Experimental Biology. Anaheim, CA, April, 1994.
- **Goodman ER**, Mahoney CJ, Fiedor PS, Athan E, Hardy MA. Fludarabine phosphate: a purine synthesis inhibitor with potent immunosuppressive activity and low clinical toxicity. Presented at the annual American Transplantation Fellows Meeting, New Orleans, LA, April, 1994.
- Athan E, **Goodman ER**, Oluwole S and Hardy MA. Low Dose Ultraviolet B pre-treatment of human islets reduces graft immunogenicity through the induction of APC apoptosis, without adversely affecting insulin secretion. Presented at the XV World Congress of the Transplantation Society, Kyoto, Japan, September, 1994.
- **Goodman ER**, Shah A, Fein S, Athan E, Hardy MA. Lymphocyte-specific immunosuppression using competitive inhibitors of DNA synthesis: in vitro and in vivo effects. Presented at the 63rd Annual Scientific Meeting of the Southeastern Surgical Congress. New Orleans, LA, February, 1995.
- Sung RS, Fiedor S, **Goodman ER**, Yaron I, Zakheim AR, Quadracci KM, Hardy MA. The effect of hemodynamic disturbances in heart beating cadaveric organs on subsequent pancreatic islet yield. Presented at the Experimental Biology 195 Meeting of the Federation of American Societies of Experimental Biology, Atlanta, GA, April, 1995.
- Sung RS, Fiedor S, **Goodman ER**, Yaron I, Zakheim AR, Quadracci KM, Hardy MA. The effect of clinical and biochemical parameters on yields of pancreatic islets isolated from cadaveric multi-organ donors. Presented at the 5th meeting of the International Pancreatic and Islet Transplantation Association, Miami, FL, June, 1995.

- Fiedor PS, Sung, R.S., **Goodman ER**, Oluwole SF, Licinska I, Mazurek, PA, Rowinski W, Hardy MA. In vitro and in vivo effects of two dithizone preparations on staining of rat and human islet transplants. Presented at the 5th Meeting of the International Pancreatic and Islet Transplantation Association, Miami, June, 1995.
- **Goodman ER**, Fiedor PS, Fein S., Athan E, Hardy MA. Two DNA synthesis inhibitors with potent immunosuppressive activity prolong both islet allograft and xenograft survival in small animal models. Presented at the 5th Meeting of the International Pancreatic and Islet Transplantation Association, Miami, June, 1995.
- Fiedor PS, **Goodman ER**, Sung, RS, Yaron I, Zakheim, AR, Quadracci KM, Hardy MA. Identification of donor factors predictive of pancreatic islet isolation yields in a series of thirty multi-organ cadaveric donors. Presented at the 1995 meeting of the Society of Organ Sharing, Paris, France, July, 1995.
- **Goodman ER**, Fiedor PS, Fein S, Athan E, Hardy MA. Two DNA synthesis Inhibitors with potent immunosuppressive activity prolong allograft and xenograft survival in small and large animals. Presented at the International Congress of Experimental and Clinical Immunosuppression, Minneapolis, MN, August, 1995.
- **Goodman ER**, Kleinstein E, Fusco AM. et al. IL-8 mediated modulation of neutrophil apoptosis in ARDS. Presented at the 18th annual meeting of the Surgical Infection Society, New York, New York, April, 1998.
- **Goodman ER**, Kleinstein E, Fusco AM. et al. Neutrophil apoptosis is mediated by the CXC chemokine type receptor: Implications in the treatment of ARDS. Presented at the 21st annual Conference on Shock, San Antonio, Texas, June, 1998.
- Hauser CJ, Fekete Z, Livingston DL, **Goodman ER**, Kleinstein E, et al. PMN priming by ARDS plasma is result of integrated chemokine-induced calcium signaling. Presented at the 33rd annual meeting of the Society for Leukocyte Biology, San Diego, CA, August, 1998.
- Kleinstein E, **Goodman ER**, Fusco AM, et al. CXC Chemokine-modulated neutrophil apoptosis: Implications in the treatment of ARDS. Presented at the 84th annual Clinical Congress of the American College of Surgeons, Orlando, FL, October, 1998.
- Kleinstein E, **Goodman ER**, Fusco AM et al. Gro-modulated neutrophil apoptosis: Implications in the treatment of ARDS. Presented at the 10th Congress of the International Society for Burn Injuries, Jerusalem, Israel, November, 1998.
- Kleinstein E, **Goodman ER**, Fusco AM, Stricker P, Fonseca R, Lavery RL, Stein D, and Deitch EA. Differential effects of high dose CXC chemokines of neutrophil apoptosis and CXC chemokine receptor impression. Presented at

the 19th annual meeting of the Surgical Infection Society, Seattle, WA, April, 1999.

- **Goodman ER**, Kleinstein E, Stricker P, Fonseca R, Stein D, Deitch EA and Simms HH. Dysregulated neutrophil apoptosis in ARDS is mediated by the GM-CSF receptor. Presented at the 19th annual meeting of the Surgical Infection Society, Seattle, WA, April, 1999.
- **Goodman ER**, Li Y, Simmons S., et al. The gastric leak scan: a novel modality of imaging the gastric pouch after gastric bypass surgery in super-obese patients. Presented at the 18th annual meeting of the American Society for Bariatric Surgery, Washington, D.C., June, 2001.
- Li Y, Chun J, and **Goodman ER**. Evaluation of anastomotic leaks after Roux-en-Y gastric bypass surgery with novel radionuclide technique. Presented at the annual meeting of the Society for Nuclear Medicine, Toronto, Canada, June, 2001.
- **Goodman ER**, Garguilo N. Experience with prophylactic IVC filter placement during Roux-en-Y gastric bypass surgery in the super-obese. Presented at the 19th annual meeting of the American Society for Bariatric Surgery, Las Vegas, Nevada, June 2002.
- Hawkins, M Li W, Tonelli J, Ragucci E, Gabriely I, Carre A-L, Stein D, Weaver C, **Goodman E**. Increased Plasma Free Fatty Acid (FFA) Levels Induce Plasminogen Activator Inhibitor-1 (PAI-1) Gene Expression in Adipose Tissue in Humans. Presented at the 62nd annual meeting of the American Diabetes Association, 2002.
- Hawkins M, Tonelli J, Ragucci E, Kwon E, Weaver C, Li W, **Goodman E**, Reddy G, Gabriely I, Combs T, Scherer P. Increases in Acrp30/Adiponectin may contribute to the Insulin Sensitizing effects of Thiazolidinediones (TZD) in Humans with Type 2 Diabetes Mellitus (T2DM). Presented at the 62nd annual meeting of the American Diabetes Association, 2002.
- Gargiulo N, Suggs W, Lipsitz E, Veith F, Ohki T, Teixeira J, **Goodman E**. Simultaneous IVC Filter Placement and Gastric Bypass in Super-Obese Patients Prevents Pulmonary Embolism. Paper presented at the 31st Annual Symposium of the Society for Clinical Vascular Surgery, Miami, March 2003.
- Latner JD, Wetzler S and **Goodman ER**. Binge eating disorder and night eating syndrome among morbidly obese patients before and after surgery. Paper presented at the International Conference on Eating Disorders, Denver, Colorado, May 2003.
- Latner JD, Wetzler S and **Goodman ER**. Binge eating and psychological disorders before and 15 months after bariatric surgery. Paper presented at the 20th annual meeting of the American Society for Bariatric Surgery, Boston, Massachusetts, June 2003.

- Hawkins M, Shamoan H, **Goodman ER**. Acute *in vivo* effects of Pioglitazone on Adipose Tissue Gene Expression and Insulin Action in Humans with Type 2 Diabetes Mellitus (T2DM). Accepted for presentation at the 63rd annual meeting of the American Diabetes Association, 2003.
- **Goodman ER**, Lo K, Ochoa E. Qualitative assessment of ghrelin production in the stomach and its relationship to Roux-en-Y gastric bypass. Presented at the 21st annual meeting of the American Society for Bariatric Surgery, San Diego, California, June 2004.
- **Goodman, ER** Computer assisted stapler technology can reduce operative time and incidence of anastomotic complications in gastric bypass surgery. Presented at Second Annual Bariatric and Colorectal Surgery Symposium in Beaver Creek, Colorado, February 2005.
- Focacci, L, Holup, JL, **Goodman, ER**, Computer assisted stapler technology can reduce operative time and incidence of anastomotic complications in gastric bypass surgery. Presented at the 22nd annual meeting of the American Society for Bariatric Surgery, Orlando, Florida, June 2005.
- Leitman IM, Taylor JT, Rosser, JC, Davis, B and **Goodman, ER**. Does the position of the alimentary limb in Roux-en-Y gastric bypass surgery make a difference? Presented at the 47th SSAT Annual Meeting, Digestive Disease Week, Los Angeles, California, May 2006.
- **Goodman, ER**, Focacci, L, Leitman, IM, Rosser, J, Davis, BR. Incidence and characteristics of Petersen's Hernia following gastric bypass surgery. Presented at the 23rd annual meeting of the American Society for Bariatric Surgery, San Francisco, California, June 2006.