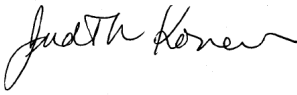


JUDITH KORNER, M.D., Ph.D.



February 13, 2024

WORK EXPERIENCE

Academic:

07/1996 - 06/1997	Instructor (Chief Resident) in Clinical Medicine, Columbia University
12/1999 - 11/2010	Assistant Professor of Clinical Medicine, Columbia University College of Physicians & Surgeons
11/2010 - 03/2015	Associate Professor of Medicine at Columbia University Medical Center
03/2015 - present	Professor of Medicine at Columbia University Medical Center

Hospital:

07/1996 - 06/1997	Attending Physician (Chief Resident), Columbia Presbyterian Medical Center
12/1999 - present	Attending Physician, New York Presbyterian/Columbia University Medical Center
07/2006 - present	Director, Metabolic and Weight Control Center, Columbia University Medical Center; Ranked among top 15 Medical Weight Loss Centers in US by Health Magazine (2014)

POSTDOCTORAL TRAINING

07/1997 - 11/1999	Post-Doctoral Clinical Fellow, Endocrinology, Columbia Presbyterian Medical Center
07/1996 - 06/1997	Chief Resident and Clinical Assistant Physician, Internal Medicine, Columbia Presbyterian Medical Center
07/1993 - 06/1996	Resident, Internal Medicine, Columbia Presbyterian Medical Center

EDUCATION

1993	M.D., College of Physicians & Surgeons, Columbia University
1992	Ph.D., Biochemistry and Molecular Biophysics, Columbia University Thesis Title: Prohormone Processing: Characterization of the Cleavage Signals and Cleavage Enzymes. University Microfilms International, Ann Arbor, MI Sponsor: Richard Axel, M.D.
1979	B.A., Barnard College, Columbia University

LICENSURE and BOARD CERTIFICATION

11/30/2023	New York State License 204016-1
1996	Diplomate of American Board of Internal Medicine
1999, 2011	Diplomate of American Board of Endocrinology
2014	Diplomate of American Board of Obesity Medicine

HONORS AND AWARDS

1979	Magna Cum Laude, Barnard College, Columbia University
1979	Phi Beta Kappa, Barnard College, Columbia University
1979	Dean's Prize, Barnard College, Columbia University
1990	Dean's Day Medical Student Research Award, College of Physicians & Surgeons, Columbia University
1993	Upjohn Research Award
1998	Endocrine Fellows Foundation Grant
1998 - 2000	NIH Feasibility Award, New York Obesity Research Center
2002 - 2005	Florence Irving Assistant Professor; Irving Scholar Award
2010 - 2011	Diabetes and Endocrinology Research Center (DERC) Pilot and Feasibility Award
2010 - 2012	Herbert Pardes Fellow Award

PROFESSIONAL ORGANIZATIONS, SOCIETIES and SERVICE

Memberships:

2009 - 2010	Committee Member, Certification of Obesity Medicine examination
Present	Member: Endocrine Society, American Diabetes Association
Present	Fellow: The Obesity Society
Present	Senior Scholar: Healthcare Innovation Technology Lab, Columbia University Medical Center
10/2014 – 12/2016	Board of Directors: American Board of Obesity Medicine (ABOM)
01/2017 – 12/2021	Vice Chair: ABOM Board of Directors
2019 – present	Chair: Journal Article Review Recertification Pathway, ABOM
01/2022 – present	Chair: ABOM Board of Directors

Consultative:

2010 - 2012	Scientific Advisory Board: Nutrisystem
2011	Scientific Advisory Board: Johnson & Johnson/ Ethicon
2011	Consultant: Unigene
2012, 2021	Consultant: Federal Trade Commission; Office of Professional Misconduct
2016 – 2020	Consultant: Digma Medical
2019, 2023	Expert Witness: Servier Labs
2019 – 2020	Consultant: Applied Biosystems
2019 – present	Scientific Advisory Board: GI Dynamics
2019 – present	Chief Medical Advisor: Found Health
2021 – present	Scientific Advisory Board: GilaTherapeutics
2022	External Advisory Board: U54 (REVEAL: Research Evaluating Vagal Excitation and Anatomical Linkages or VESPA)

Editorial:

Ad Hoc Reviewer	Amer J Clin Nutrition; Amer J Physiology; Clin Endocrinology; Diabetes; Diabetes, Obesity, Metab; Endocrinology; Int J Obesity; J Clin Endo Metab; J Clin Investigation; Metabolism; Obesity; Nutrition; SOARD
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NIH Study Sections:

10/05; 2/08; 6/09	Ad Hoc Reviewer: Clinical and Integrative Diabetes and Obesity
04/2008	Bariatric Surgery Ancillary Studies
02/2009	Metabolic Endocrinology
02/2010	Special Emphasis Panel, RFA-DK-09-012, Pilot Studies in T2DM, CV Risk Factors or in Cardiovascular, Lung, or Sleep Diseases after Bariatric Surgery
07/2011	Special Emphasis Panel, EMNR K 80: Translational Research in Diabetes, Obesity and Endocrinology
04/2012	Special Emphasis Panel, PAR-11-21: Collaborative Interdisciplinary Team Science in NIDDK Research Areas
04/2013	EMNR K80 Member Conflict applications
07/2013	NIH EMNR K80 Translational Research in Diabetes, Obesity and Endocrinology
06/2014 - 2018	Member, Clinical and Integrative Diabetes and Obesity study section
04/2021	DP1Catalyst Award, NIDDK
08/2023	Reviewer: Diabetes in America Compendium: Obesity Management for the Treatment of Type 2 Diabetes Chapter

DEPARTMENT and UNIVERSITY COMMITTEES

1996 - 2008	Internal Medicine Residency Selection Committee
2007 - 2010	Scientific Advisory Committee, Center for Translational Research
2008 - present	Clinical Trials Advisory Committee
2012 - present	Clinical/Epidemiological Research Committee
2012 - present	DSMB – FDA study on teriparatide for idiopathic osteoporosis (PI: Shane)
2015 - present	Director, Pilot & Feasibility Award Program, NY Nutrition Obesity Research Center
2015 - present	Promotions Committee, Dept of Medicine
2018 - 2019	Endocrinology, Diabetes and Metabolism Faculty Search Committee
2023 - present	DSMB - Central Mediation of GH Effects in Humans (PI: Freda)
2023 - present	DSMB – Doxazosin and Insulin Sensitivity (PI: Cook)
present	Member: NY Obesity Nutrition Research Center
present	Member: Diabetes and Endocrinology Research Center
present	Training Grants: Endocrinology; Pediatric Endocrinology; Obesity; Gastroenterology

FELLOWSHIP and GRANT SUPPORT

Past

1998	Leptin and the Melanocortin System in Rodent Models Role: Principal Investigator Endocrine Fellows Foundation Grant; Endocrine Society
08/1998 - 07/2000	Analysis of the Roles of POMC and AGRP in Obesity Role: Principal Investigator New York Obesity Research Center
2002	Effectiveness of Cabergoline, a New Long-Acting Dopamine Receptor Agonist, in Weight Loss: A Randomized Double-Blind Placebo Controlled Pilot Study

	Role: Principal Investigator Office of Clinical Trials Pilot Study Award, Columbia University Medical Center
7/2002 - 6/2005	Florence and Herbert Irving Clinical Research Career Award Study of the melanocortin and dopamine pathways in obese humans. Effects of bariatric surgery on gastrointestinal peptides involved in energy homeostasis. Role: Principal Investigator Florence and Herbert Irving Scholarship
04/2001 - 03/2006	K08 DK59316 Leptin and Neuroendocrine Gene Regulation in Obesity Role: Principal Investigator NIH/NIDDK
04/2004 - 03/2006	RO3 DK67433 Leptin and Neuroendocrine Gene Regulation in Obesity Role: Principal Investigator NIH/NIDDK
09/2007 - 08/2009	R21 DK074503 The Development of an Eating Laboratory for Overweight Adolescents Role: Co-Investigator PI: Timothy Walsh (NYS Psychiatric Institute) NIH/NIDDK
01/20/10 - 12/31/10	RO1 DK072011-05S1 Metabolic Effects of Bariatric Surgery and Gastric Stimulation Role: Principal Investigator NIH/NIDDK
04/2008 - 03/2011	R21 DK081050 Effects of Leptin on Body Weight and Neuroendocrine Axes after Gastric Bypass Role: Principal Investigator NIH/NIDDK
12/2009 - 12/2011	Analysis of Peptides and Metabolites after Weight Loss in Humans with and without Type 2 Diabetes Role: Principal Investigator Sponsor: NGM Biopharmaceuticals
02/2010 - 01/2012	Diabetes and Endocrinology Research Center (DERC) Pilot and Feasibility Award (P30 DK063608-08; Accili, Lead PI) Role: Principal Investigator Sponsor: NIH
07/2011 - 06/2013	R21 CA155973 Feasibility of a weight loss intervention among female cancer survivors in SWOG

	Role: Co-Investigator PI: Greenlee Sponsor: NIH/NCI
06/2008 -11/2013	The Quantification of Ingestive Behavior Role: Advisor PI: Leibel Sponsor: AstraZeneca
02/2014 - 01/2015	Prevention and treatment of obesity and diabetes using injectable brown adipose microtissues Role: Co-Principal Investigator Sponsor: Coulter-Columbia Translational Research Partnership
6/2008 - 12/2017	Diabetes Surgery Study: Effectiveness and Mechanism Trial of Roux-en-Y Gastric Bypass Surgery vs Intensive Medical Management for Type 2 Diabetes Role: Principal Investigator Sponsor: Covidien/Medtronic
4/2015 – 3/2020	RO1 Role of dopamine in metabolic surgery for T2DM Role: Co-Investigator PI: Harris Sponsor: NIH/NIDDK
9/2011 - 7/2020	RO1 DK093920 CSF Neuropeptide, Hormonal and Metabolomic Analysis in Human Energy Balance Role: Co-Investigator PI: Wardlaw Sponsor: NIH/NIDDK

Present

3/2-2023 – 12/2027	RO1 DK132527 Association of Genetic Variation Near the Dopamine D2 Receptor Gene and Other Polymorphisms that Modulate Dopaminergic and Opioid Signaling on the Weight Loss Response to Naltrexone/Bupropion. Role: PI Sponsor: NIH/NIDDK
8/2020 – 8/2025	RO1 DK124465 CSF Biomarkers of Weight Loss after Bariatric Surgery Role: Co-PI NIH/NIDDK
9/2005 - 6/2024	RO1 DK072011 Metabolic and Endocrine Effects of Bariatric Surgery Role: Principal Investigator NIH/NIDDK

4//2016 – 3/2026 P30 DK026687-36
 NY Obesity Nutrition Research Program
 Role: Core PI, Pilot and Feasibility Program
 PI: Rudolph Leibel
 NIH/NIDDK

TEACHING EXPERIENCE and RESPONSIBILITIES

Specific Courses:

2009 – 2023 Annual Update and Intensive Review of Internal Medicine, Obesity Update; Columbia University
 2012 - 2023 Graduate Course in Physiology, Obesity Therapies and the Effect of Weight Loss; Columbia University

General Teaching Activities:

1996, 2000 - 12 Ward Attending, Internal Medicine
 2000 - present Ward Attending, Endocrinology Consult Service
 2003;2006;2013-23 Third Year Medicine Clerkship Preceptor

Master's Theses Trainees:

09/2007 - 07/2008 Nailah Adams, Institute of Human Nutrition
 09/2008 - 07/2009 Ellen McCormick, Institute of Human Nutrition
 11/2009 - 07/2010 Genevieve Hayek, Institute of Human Nutrition
 11/2009 - 07/2010 Kyla Marie Lara, Institute of Human Nutrition
 11/2010 - 08/2011 Raza Ashraf, Institute of Human Nutrition
 11/2010 - 08/2011 Raashi Mamtani, Institute of Human Nutrition
 11/2012 - 07/2013 Alina Tsouristakis, Institute of Human Nutrition
 11/2013 - 09/2014 Mary Shen, Mia Syn, Amanda Winn, Institute of Human Nutrition
 11/2016 – 09/2017 Lilli Mohebbi, Institute of Human Nutrition
 11/2022 – 09/2023 Ilana Moffet, Institute of Human Nutrition
 11/2023 - Dominic Aillaf, Institute of Human Nutrition

Ph.D. Advisory and Defense Committees:

09/2010 Thesis Defense Committee: Chutima Talchai (Accili lab)
 2012 - 09/2014 Thesis Advisory and Defense Committee: Joshua Cook (Accili lab)

Other Trainee Advisory Roles:

2002 - present Medical Students: Jacqueline Lonier, Rosemary Ku
 Master of Nursing Student: Lorraine Olivera-Rivera
 Medicine Residents: Janet Lo, Rocio Salas, Yair Lev, Suneel Kamath
 09/2005 - 06/2007 Elizabeth Kunreuther, M.D., Endocrinology Fellow
 09/2008 - 06/2011 Rushika Conroy, M.D., Pediatric Endocrinology Fellow
 07/2009 - 06/2010 Roxanne Dutia, TRANSFORM T32, Clinical and Translational Research
 09/2009 - 06/2012 Clifton Jackness, M.D., Endocrinology Fellow
 09/2010 – 06/2013 Maria Catilo, M.D., Endocrinology Fellow
 11/2011 - 06/2012 Saachi Sachdev, Medical Student Senior Scholars Project
 10/2013 - 05/2014 Michael T. Caton, Medical Student Senior Scholars Project
 11/2011 - 06/2014 Kim Nguyen, M.D., Endocrinology Fellow
 06/2014 - 08/2014 Elizabeth Hoover, Medical Student, NIDDK Summer Research Program
 11/2014 - 05/2015 Annette Georgia, Medical Student, NIH T35 Pre-Doctoral Trainee

09/2014 – 10/2016	Jamie Mullally, M.D., Endocrinology Fellow
06/2015 – 08/2015	Keesandra Agenor, Dennis Guo, Medical Student, NIDDK Summer Research Program
08/2016 – 6/2018	Beverly Tchang, M.D., Endocrinology Fellow
06/2018 – 08/2018	Sheba Ebhote, Medical Student, NIDDK Summer Research Program
07/2017 – 06/2020	Rachel Arakawa, M.D., Endocrinology Fellow
2017 – 2022	Sean Heffron, M.D., NIH K23 Co-mentor
2021 – 2023	Ariesta Sideri Gugger, M.D., NIH T32
2022 – 2024	Chino Aneke, M.D., Ph.D. Gastroenterology Fellow, NIH T32

PUBLICATIONS

Original, Peer Reviewed Articles:

1. **Korner, J.**, Chun, J., Harter, D., and Axel, R. Isolation and functional expression of a mammalian prohormone processing enzyme, murine prohormone convertase 1. Proc. Natl. Acad. Sci. USA, 1991, 88:6834-6838
2. **Korner, J.**, Chun, J., O'Bryan, L., and Axel, R. Prohormone processing in Xenopus oocytes: Characterization of cleavage signals and cleavage enzymes. Proc. Natl. Acad. Sci. USA, 1991, 88:11393-11397
3. Chun, J., **Korner, J.**, Kreiner, T., Scheller, R., and Axel, R. The function and differential sorting of a family of Aplysia prohormone processing enzymes. Neuron, 1994, 12:831-844
4. **Korner, J.**, Chua Jr., S.C., Williams, J.A., Leibel, R.L., Wardlaw, S.L. Regulation of hypothalamic proopiomelanocortin by leptin in lean and obese rats. Neuroendocrinology, 1999, 70:377-383
5. **Korner, J.**, Wardlaw, S.L., Liu, S.-M., Conwell, I.M., Leibel, R.L., Chua Jr., S.C. Effects of leptin receptor mutation on AgRP gene expression in fed and fasted lean and obese (LA/N-fa) rats. Endocrinology, 2000, 141:2465-2471
6. **Korner, J.**, Savontaus, E., Chua Jr., S.C., Leibel, R.L., and Wardlaw, S.L. Differential regulation of AgRP and Npy mRNA in the rat hypothalamus. J. of Neuroendocrinology, 2001, 13:959-966
7. **Korner, J.**, Lo, J., Freda, P.U., and Wardlaw, S.L. Weight loss in patients with hyperprolactinemia treated with cabergoline. Obesity Research, 2003, 11:311-312
8. **Korner, J.**, Wissig, S., Kim, A., Conwell, I.M., and Wardlaw, S.L. Effects of Agouti-Related Protein on metabolism and hypothalamic neuropeptide gene expression. J. of Neuroendocrinology, 2003, 15:1116-1121
9. **Korner, J.**, Bessler, M., Cirilo, L.J., Conwell, I.M., Daud, A., Restuccia, N.L., and Wardlaw, S.L. Effects of Roux-en-Y gastric bypass surgery on fasting and postprandial concentrations of plasma ghrelin, peptide YY and insulin. J. of Clin. End. and Met., 2005, 90:359-365 This paper was accompanied by an editorial written by le Roux, C.W., and Bloom, S.R., Why do patients lose weight after Roux-en-Y gastric bypass? 90:591-592

10. **Korner, J.**, Inabnet, I., Conwell, I.M., Taveras, C., Daud, A., Olivero-Rivera, L., Restuccia, N.L., and Bessler, M., Differential effects of gastric bypass and banding on plasma PYY, ghrelin and insulin levels, *Obesity*, 2006, 14:1553-1561
11. **Korner, J.**, Bessler, M., Inabnet, W., Taveras, C., and Holst, J. Postprandial hyperinsulinemia, exaggerated GLP-1 and blunted GIP secretion are associated with gastric bypass but not gastric banding. *Surg. Obes. Relat. Dis.*, 2007, 3:597-601
12. Wang, G-J., Tomasi, D., Backus, W., Wang, R., Telang, F., Geliebter, A., **Korner, J.**, Bauman, A., Fowler, J., Thano, P., and Volkow, N.D. Gastric distension activates satiety circuitry in the human brain. *NeuroImage*, 2008, 39:1824-31
13. **Korner, J.**, Punyanitya, M., Taveras, C., McMahon, D.J., Kim, H.J., Inabnet, W., Bessler, M., and Gallagher, D. Sex differences in visceral adipose tissue post-bariatric surgery compared to matched non-surgical controls. *Int. J. of Body Composition Res.*, 2008, 6:93-99
14. Inabnet, W.B., Milone, L., **Korner, J.**, Durak, E., Ahmed, L., Pomrantz, J., Harris, P.E., and Bessler, M. A rodent model of metabolic surgery for the study of type 2 diabetes and PET scanning of beta cell mass. *Surg. Obes. Relat. Dis.*, 2009, 5:212-217
15. **Korner, J.**, Inabnet, W., Febres, G., Conwell, I.M., McMahon, D.J., Salas, R., Taveras, R., Schrope, B., and Bessler, M. Prospective study of gut hormone and metabolic changes after adjustable gastric banding and Roux-en-Y gastric bypass. *Int. J. Obes*, 2009, 33:786-795 PMID: PMC2710396
16. Inabnet, W., Milone, L., Harris, P., Durak, E., Freeby, M.J. Ahmed, L., Lifante, J.-C., Bessler, M., and **Korner, J.** The utility of [11C] dihydrotetrabenazine (DTBZ) PET scanning in assessing β -cell performance after sleeve gastrectomy and duodenal-jejunal bypass. *Surgery*, 2010, 147:303-309
17. **Korner, J.**, Nandi, A., Wright, S., Waitman, J., McMahon, D.J., Bessler, M., Aronne, L.J. Implantable gastric stimulator does not prevent the increase in plasma ghrelin levels that occurs with weight loss. *Obesity*, 2011, 19:1935-1939 PMID: PMC4041394; NIHMS581796
18. Plum, L., Febres, G., Kunreuther, E., Taveras, C., Ahmed, L., Bessler, M., Inabnet, W., and **Korner, J.** Comparison of glucostatic parameters after hypocaloric diet or bariatric surgery and equivalent weight loss. *Obesity*, 2011, 19:2149-2157 PMID: PMC3670603; NIHMSID: NIHMS464707
19. Conroy, R., Girotra, M., Shane, E., McMahon, D.J., Pavlovich, K., Leibel, R.L., Rosenbaum, M., and **Korner, J.** Leptin administration does not prevent the bone mineral metabolism changes induced by weight loss. *Metabolism*, 2011, 60:1222-1226 PMID: 21489573 PMID: PMC3139754
20. Gibson, C., Karmally, W., McMahon, D.J., Wardlaw, S.L., and **Korner, J.** Randomized pilot study of cabergoline, a dopamine receptor agonist: Effects on body weight and glucose tolerance in obese adults. *Diabetes, Obesity and Metabolism*, 2012, 14:335-340 PMID: 22074059, PMID: 3290696

21. Page-Wilson, G., Wardlaw, S.L., Khandji, A.G., and **Korner, J.**, Hypothalamic obesity in patients with craniopharyngioma: Treatment approaches and the emerging role for gastric bypass surgery. *Pituitary*, 2012, 15:84-92 PMID: 3641571
22. Kopsombut, G., Shoulson, R., Milone, L., **Korner, J.**, Lifante, J-C., Sebastian, M., and Inabnet, W.B. Partial small bowel resection with sleeve gastrectomy increases adiponectin levels and improves glucose homeostasis in obese rodents with type 2 diabetes. *World J Surg.*, 2012. 36:1432-1438
23. Lifante, J.C., Milone, L., **Korner, J.**, Kopsombut, G., Sebastian, M., and Inabnet, W.B. Sleeve gastrectomy improves glucose homeostasis in Zucker diabetic fatty rats. *Obes Surg.* 2012, 22:1110-1116
24. Kartalija, M., Ovrutsky, A.R., Bryan, C.L., Pott, G.B., Fantuzzi, G., Thomas, J., Strand, J.J., Bai, Xi., Ramamoorthy, P., Rothman, M.S., Nagabhushanam, V., McDermott, M., Levin, A.R., Frazer-Abel, A., Giclas, P.C., **Korner, J.**, Iseman, M.D., Shapiro, L., Chan, E.D. Patients with non-tuberculous mycobacterial lung disease exhibit unique body and immune phenotypes. *Am J Respir Crit Care Med.*, 2013, 187:197-205 PMID: 23144328
24. **Korner, J.**, Conroy, R., Febres, G. McMahon, D.J., Conwell, I., Karmally, W., and Aronne, L.J. Randomized double-blind placebo-controlled study of leptin administration after gastric bypass. *Obesity*, 2013, 21:951-956 PMID: PMC3689870
25. Jackness, C., Karmally, W., Febres, G, Conwell, I., Ahmed, L., Bessler, M., McMahon, D.J., and **Korner, J.** Very low calorie diet mimics the early beneficial effect of Roux-en-Y bypass on insulin sensitivity and beta-cell function in Type 2 diabetic patients. *Diabetes*, 2013 62:3027-3032. PMID: 23610060 PMID: PMC3749351 This paper was accompanied by a commentary: Vella, A., 62:3017-3018
26. Ikramuddin, S., **Korner, J.**, Lee, W-J., Connett, J.E., Inabnet, W.B. III, Billington, C.J., Thomas, A.J., Leslie, D.B. Chong, K., Jeffery, R.W., Ahmed, L., Vella, A., Chuang, L-M., Bessler, M., Sarr, M.G., Swain, J.M., Laqua, P., Jensen, M.D., Bantle, J.P. Roux-en-Y gastric bypass vs intensive medical management for the control to type 2 diabetes, hypertension, and hyperlipidemia, The Diabetes Surgery Study randomized clinical trial. *JAMA*, 2013, 309:2240-2249
27. Sysko, R., Devlin, M.J., Schebendach, J., Tanofsky-Kraff, M., Zimmerli, E., **Korner, J.**, Yanovski, J.A., Zitsman, J.L., Walsh, B.T. Hormonal responses and test meal intake among obese teenagers before and after laparoscopic adjustable gastric banding. *Am J Clin Nutr*, 2013, 98:1151-1161 PMID: 23985807
28. Nagareddy, P.R., Gorman, D.J., Stirzaker, R.A., Grant, R., Hong, E.S., Smyth, S.S., Choi, S.H., **Korner, J.**, Bornfeldt, K., Fisher, E.A., Dixit, V.D., Tall, A.R., Goldberg, I.J., Murphy, A.J. Adipose tissue macrophages promote myelopoiesis and monocytosis in obesity. *Cell Metabolism*, 2014, 19:821-835, PMID: 24807222
29. Conroy, R., Febres, G., McMahon, D.J., Thorner, M.O., Gaylinn, B.D., Conwell, I., Aronne, L., **Korner, J.** Recombinant human leptin does not alter gut hormone levels after gastric bypass but may attenuate sweet cravings. *Int J Endocrinology*, 2014, DOI 10.1155/2014/120286 PMID: PMC3980779

29. Thomas, A.J., Bainbridge, H.A., Schone, J.L., Chen, S-C., Connett, J.E., Ikramuddin, S., Lee, W-J., Jensen, M.D., Leslie, D.B., **Korner, J.** Recruitment and screening for a randomized trial investigating Roux-en-Y gastric bypass versus intensive medical management for treatment of type 2 diabetes. *Obes Surg*, 2014, 24:1875-1880
30. Ikramuddin, S., Billington, C.J., Lee, W-J., Bantle, J.P., Thomas, A.J., Connett, J.E., Leslie, D.B., Inabnet, W.B., Jeffery, R.W., Chong, K., Chuang, L-M., Sarr, M.G., Jensen, M.D., Vella, A., Ahmed, L., Belani, K., Schone, J.L., Reynolds, A.E., Bainbridge, H.A., Wang, Q., **Korner, J.** Two year outcomes of Roux-en-Y gastric bypass vs intensive medical management for optimal diabetes therapy: The Diabetes Surgery Study randomized clinical trial. *Lancet Diabetes and Endocrinology* 2015, 3 (6):412-422 This paper was accompanied by a commentary Peltonen, M. 2015, 3(6):394-395
31. Nguyen, K., Billington, C., Vella, A., Wang, Q, Ahmed, L., Bantle, J., Bessler, M., Connett, J.E., Inabnet, W.B., Thomas, A., Ikramuddin, S., **Korner, J.** Preserved insulin secretory capacity and weight loss are the predominant predictors of glycemic control in patients with type 2 diabetes randomized to Roux-en-Y gastric bypass. *Diabetes*, 2015, 64:3104-3110 PMID: PMC4542441
32. Sachdev, S., Wang, Qi, Billington, C., Connett, J., Ahmed, L., Inabnet, W., Chua, S., Ikramuddin, S., **Korner, J.** FGF19 and bile acids increase following Roux-en-Y gastric bypass but not after medical management in patients with type 2 diabetes. *Obes Surg*, 2015 DOI 10.1007/s11695-015-1834-0
33. Raghavendra Rao, R., Roche, A., Febres, G., Bessler, M., Tso, P., **Korner, J.** Circulating apolipoprotein A-IV pre-surgical levels are associated with improvement in insulin sensitivity after Roux-en-Y gastric bypass surgery. *Surg Obes Relat Dis* 2016 Oct 26 pii: S1550-7289(16)30775-4. doi: 10.1016/j.soard.2016.10.019. [Epub ahead of print]
34. Page-Wilson G, Nguyen KT, Atalayer D, Meece K, Bainbridge HA, **Korner J**, Gordon RJ, Panigrahi SK, White A, Smiley R, Wardlaw SL. Evaluation of CSF and Plasma Biomarkers of Brain Melanocortin Activity in Response to Caloric Restriction in Humans. *Am J Physiol Endocrinol Metab*. 2016 Nov 15:ajpendo.00330.2016. doi: 10.1152/ajpendo.00330.2016. [Epub ahead of print] PubMed PMID: 27894065.
35. Ikramuddin S, **Korner J**, Lee WJ, Bantle JP, Thomas AJ, Connett JE, Leslie DB, Inabnet WB 3rd, Wang Q, Jeffery RW, et al. Durability of Addition of Roux-en-Y Gastric Bypass to Lifestyle Intervention and Medical Management in Achieving Primary Treatment Goals for Uncontrolled Type 2 Diabetes in Mild to Moderate Obesity: A Randomized Control Trial. *Diabetes Care*. 2016 Sep;39(9):1510-8. PubMed PMID: 27311493; PubMed Central PMCID: PMC5001141.
36. Chong K, Ikramuddin S, Lee WJ, Billington CJ, Bantle JP, Wang Q, Thomas AJ, Connett JE, Leslie DB, Inabnet WB 3rd, ... **Korner J**, Chuang L-M. National Differences in Remission of Type 2 Diabetes Mellitus After Roux-en-Y Gastric Bypass Surgery-Subgroup Analysis of 2-Year Results of the Diabetes Surgery Study Comparing Taiwanese with Americans with Mild Obesity (BMI 30-35 kg/m²). *Obes Surg*. 2017 27:1189-1195
37. Ikramuddin S, **Korner J**, Lee WJ, Thomas AJ, Connett JE, Bantle JP, Leslie DB, Wang Q, Inabnet, WB III, Jeffery RW, et al. Lifestyle intervention and medical management with vs without Roux-en-Y gastric bypass and control of hemoglobin A1c, LDL cholesterol, and systolic

blood pressure at 5 years in the Diabetes Surgery Study. JAMA. 2018, 319:266-278
[PMC5833547](#)

38. Blumenfeld NR, Kang HJ, Fenzl A, Song Z, Chung JJ, Singh R, Johnson R, Karakecili A, Feranil JB, Rossen NS, Zhang V, Jaggi S, McCarty B, Bessler S, Schwartz GJ, Grant R, **Korner J**, Kiefer FW, Gillette BM, Sia SK A direct tissue-grafting approach to increasing endogenous brown fat. Scientific Reports. 2018, 8:7957 DOI:10.1038/s41598-018-25866-y PMC 5962549
39. Greenlee H, Lew DL, Hershman DL, Newman, VA, Hansen, L, Hartman SJ, **Korner J**, et al. Phase II feasibility study of a weight loss intervention in female breast and colorectal cancer survivors (SWOG S1008). Obesity. 2018, 26:1539-1549.
40. Page-Wilson G, Peters J, Panigrahi SK, Jacobs TP, **Korner J**, Otten M, Bruce JN, Wardlaw SL. Plasma AgRP and cortisol levels in Cushing's Disease: Evidence for the regulation of AgRP by glucocorticoids in humans. JCEM. 2019 Mar 1;104(3):961-969 PMC6364508
41. Mullally, J., Febres, G., Bessler, M., **Korner, J.** Sleeve gastrectomy and Roux-en-Y gastric bypass achieve similar early improvements in beta-cell function in obese patients with Type 2 Diabetes. Scientific Reports. 2019 9(1):1880 PMC6372630
42. Georgia A., Catilo Asnis MC, Febres G, Tsang A, Bessler M, **Korner J.** Roux-en-Y gastric bypass is associated with hyperinsulinemia but not increased maximal beta-cell function J of the Endocrine Society. 2019 3(3):632-642 PMC6391719
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48. Mitrani LR, Goldentahl I, Leskowitz J, Wan EY, Dizon J, Saluja D, Creber RM, Turchioe MR, Sciacca RR, Garan H, Hickey, KT, **Korner J.** Biviano, AB. Risk factor management of atrial

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Books and Chapters:

1. **Korner, J.**, and Aronne, L.J. (2003) Integrative Approach to Disease: Obesity. In: Rakel, D. ed. Integrative Medicine. W.B. Saunders Co. 257-265

2. **Korner, J.**, Klein, S. and Aronne, L.J. (2003) Approach to the Patient with Obesity. In: Yamada, T. ed. Textbook of Gastroenterology. 4th edition. Lippincott Williams & Wilkins, New York, NY 752-759

3. Nguyen, K., and **Korner, J.** The Effect of Bariatric Surgery on Insulin Secretion. In: Metabolic Surgery and Treatment of Diabetes.

4. Reid, T.J., **Korner, J.** (2017) Medical Complications of Obesity in Adults. In: Eating Disorders and Obesity: A Comprehensive Handbook, 3rd edition, edited by Kelly D. Brownell and B. Timothy Walsh. Guilford Press, Ch. 73.

5. Reid, T.J., Korner, J. (2022) Medical and Surgical Treatment of Obesity. Nutrition in the Practice of Medicine: A Practical Approach. Medical Clinics of North America, edited by David S. Seres. Elsevier, 106:837-852

Reviews, Editorials, Consensus Statement:

1. **Korner, J.**, and Eberle, M.A. (2001) An Update on the Science and Therapy of Obesity and Its Relationship to Osteoarthritis. Current Rheumatology Reports. 3:101-106

2. **Korner, J.**, and Aronne, L.J. (2003) The Emerging Science of Body Weight Regulation and its Impact on Obesity Treatment. Journal of Clinical Investigation, 111:565-570

3. DeNino, W.F., **Korner, J.**, and Aronne, L.J. (2003) Central control of energy homeostasis. Curr Opin Endocrinol Diabetes, 10:330-333

4. **Korner, J.**, and Leibel, R.L. (2003) To eat or not to eat – how the gut talks to the brain. New England J of Med, 349:926-928

5. **Korner, J.**, and Aronne, L.J. (2004) Pharmacological approaches to weight reduction: therapeutic targets. J. of Clin. End. and Met, 89:2616-2621

6. Lee, M., and **Korner, J.** (2008) Review of Physiology, Clinical Manifestations, and Management of Hypothalamic Obesity in Humans. *Pituitary*, 12:87-95
7. **Korner, J.**, Woods, S., and Woodworth, K. (2009) Regulation of Energy Homeostasis and Health Consequences in Obesity. *Amer J of Medicine* 122:S12-S18
8. Harvey, E.J., Arroyo, K., **Korner, J.**, and Inabnet, W.B. (2010) Hormone changes affecting energy homeostasis after metabolic surgery. *Mount Sinai J of Medicine*, 77:446-465 PMID: 20960548
9. Nguyen, K.T., and **Korner, J.** (2014) The sum of many parts: Potential mechanisms for improvement in glucose homeostasis after bariatric surgery. *Current Diabetes Reports*, 14:481-485 PMID: 24705810, PMCID: PMC4059201
10. Yu, Yi-Hao, Vasselli, J.R., Zhang, Y., Mechanick, J.I., **Korner, J.**, Peterli, R. (2015). Metabolic versus hedonic obesity – A conceptual distinction and its clinical implications. *Obesity Rev.* 16(3): 234-47. PMCID: 5053237.
11. Rubino F, Nathan DM, Eckel RH, Schauer PR, Alberti KG, Zimmet PZ, Del Prato S, Ji L, Sadikot SM, Herman WH, Amiel SA, Kaplan LM, Taroncher-Oldenburg G, Cummings DE; Delegates of the 2nd Diabetes Surgery Summit. (2016). Metabolic Surgery in the Treatment Algorithm for Type 2 Diabetes: a Joint Statement by International Diabetes Organizations. *Diabetes Care* 39:861-877
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ABSTRACTS:

1. **Korner, J.**, Chun, J., Harter, D., O'Bryan, L., and Axel, R. (1991) Functional expression of a family of genes encoding prohormone processing enzymes. *J. of Cellular Biology, Supplement* 15G, p. 132
2. **Korner, J.**, Chua Jr., S.C., Williams, J.A., Leibel, R.L., Wardlaw, S.L. (1998) Regulation of hypothalamic proopiomelanocortin by leptin in lean and obese rats. 80th Annual Meeting of the Endocrine Society, New Orleans, LA June 24-27
3. **Korner, J.**, Wardlaw, S.L., Liu, S.-M., Conwell, I.M., Leibel, R.L., Chua Jr., S.C. (1999) Regulation of hypothalamic AGRP mRNA in lean and obese (*Lepr^{fa-f}*) rats. 81st Annual Meeting of the Endocrine Society, San Diego, CA June 12-15
4. Baral, R.S., Conwell, I.M., **Korner, J.**, Wardlaw, S.L. (2000) Effects of Agouti-Related Protein (AGRP) on Proopiomelanocortin and AGRP gene expression in the rat hypothalamus. 82nd Annual Meeting of the Endocrine Society, Toronto, Canada June 21-24
5. Savontaus, E., **Korner, J.**, Chua Jr., S.C., Leibel, R.L., and Wardlaw, S.L. (2000) Differential regulation of *Agrp* and *Npy* mRNA in the rat hypothalamus. Annual Meeting of the North American Association for the Study of Obesity, Long Beach, CA October 29-November 2

6. **Korner, J.**, Baral, R.S., Conwell, I.M., and Wardlaw, S.L. (2001) Effects of AGRP and pair feeding on plasma leptin and POMC gene expression in the hypothalamus. 83rd Meeting of the Endocrine Society, Denver, CO June 20-23
7. **Korner, J.**, Lo, J., Freda, P.U., and Wardlaw, S.L. (2002) Weight loss in patients with hyperprolactinemia treated with cabergoline. 84th Meeting of the Endocrine Society, San Francisco, CA June 19-22
8. **Korner, J.**, Bessler, M., Cirilo, L.J., and Wardlaw, S., L. (2004) Effects of gastric bypass Surgery on plasma PYY and ghrelin responses to a test meal. 86th Meeting of the Endocrine Society, New Orleans, LA June 16-19
9. **Korner, J.**, Cirilo, L.J., Bessler, M., Inabnet, W., Conwell, I.M., Daud, A., Restuccia, N., and Wardlaw, S. L. (2004) Differential Effects of Gastric Banding and Bypass on Gastrointestinal Hormones and Plasma Insulin and Leptin Levels. Annual Meeting of the North American Association for the Study of Obesity, Las Vegas, NV November 14-18
10. **Korner, J.**, Inabnet, W., Taveras, C., Conwell, I.M., and Bessler, M. (2006) Differential effects of gastric banding and Roux-en-Y gastric bypass on fasting and post-prandial plasma peptide YY, ghrelin, leptin and insulin concentrations. Keystone Symposium on Gut Hormones, Santa Fe, NM, March 2-7
11. **Korner, J.**, Taveras, C., Kim, H.J., Bessler, M., Punyanaitya, M., and Gallagher, D., (2006) Less visceral adipose tissue in women post-bariatric surgery. Annual Meeting of the North American Association for the Study of Obesity, Boston, MA, October 20-24
12. **Korner, J.**, Inabnet, W., Conwell, I., Febres, G., McMahon, D.J., Taveras, C., Salas, R., Schrope, B., and Bessler, M. (2008) Prospective analysis of appetitive hormones and insulin resistance before and one year after gastric banding and Roux-en-Y gastric bypass. Annual Meeting of the Obesity Society, Phoenix, AZ, October 3-7
13. Jean, A.M., **Korner, J.**, Conwell, I., Shonkwiler, R.J., Zitsman, J.L., McMahon, D.J., Conroy, R., Kiefer, K., Raker, C., Zwany, S., Oberfield, S.E., and Fennoy, I. (2009) The impact of gastric banding on ghrelin, PYY, leptin, and insulin resistance in adolescents. 91st Meeting of the Endocrine Society, Washington D.C., June 10-13
14. Devlin, M.J., Sysko, R., Schebendach, J., Bodell, L., Bush, J., Chen, B., Kotler, L., Tanofsky-Kraff, M., Yanovski, J., Zimmerli, El, **Korner, J.**, and Walsh, B.T. (2009) The development of an adolescent feeding laboratory to study changes in eating and hormonal response with bariatric surgery. Eating Disorders Research Society Meeting, New York, N.Y., September 24-26
15. Plum, L., Febres, G., Kunreuther, E., Taveras, C., Ahmed, L., Bessler, M., Inabnet, W., and **Korner, J.** (2009) Greater improvement in insulin sensitivity with equivalent weight loss after Roux-en-Y gastric bypass surgery compared to diet in T2DM patients. Annual Meeting of the Obesity Society, Washington D.C., October 24-28
16. Plum, L., Febres, G., Kunreuther, E., Taveras, C., Ahmed, L., Bessler, M., Inabnet, W., and **Korner, J.** (2010) RYGB surgery in T2DM patients is superior to low calorie diet in improving insulin sensitivity and beta-cell function despite equivalent weight loss. 92nd Meeting of the Endocrine Society, San Diego, CA June 18-22

17. Ives, R., Sliney, J., **Korner, J.**, McMahon, DJ, Bilezikian, J.P., Silverberg, S.J. Shane, E., Kovalevskaya, G., Zhang, C.A., Dworakowski, E., Cremers, S., and Rubin, M.R. (2011) Osteocalcin and glucose homeostasis in hypoparathyroidism. 93rd Meeting of the Endocrine Society, Boston, MA June 4-7
18. Burant, C., Evans, C., Soni, T., Cao, J., Febres, G., and **Korner, J.** (2011) Differences in nutrient absorption and metabolism following Roux-en-Y gastric bypass and adjustable gastric banding bariatric surgery. The Obesity Society, Orlando, FL October
19. Sysko, R., Devlin, M., Schebendach, J., Zimmerli, El, Tanofsky-Kraff, M., **Korner, J.**, Yanovski, J, Zitsman, J., and Walsh, B.T. (2012) Hormonal responses among normal-weight adolescents and obese teenagers undergoing laparoscopic adjustable gastric banding. 42nd International Society of Psychoneuroendocrinology Conference, New York, NY, Sept 11-14
20. Jackness, C., Karmally, W., Febres, G., Conwell, I., McMahon, D. and **Korner, J.** (2012) Changes in insulin sensitivity and secretion after weight loss induced by Roux-en-Y gastric bypass surgery or equivalent caloric restriction. The Obesity Society, San Antonio, TX Sept 22
21. Nguyen, K., Billington, C., Bantle, J., Ikramuddin, S., Ahmed, L., Inabnet, W., Connett, J., Thomas, A., Wang, Q., **Korner, J.** (2013) Changes in gut hormones in patients with type 2 diabetes randomized to Roux-en-Y gastric bypass or intensive lifestyle and medical management. The Obesity Society, Atlanta, GA, Nov 14
22. Sachdev, S., Billington, C., Ikramuddin, S., Inabnet, W, Ahmed, L, Wang, Q., Connett., J., Chua, St., **Korner, J.** (2013) Effect of Roux-en-Y gastric bypass on fasting and postprandial concentrations of bile acids and fibroblast growth factor-19. The Obesity Society, Atlanta, GA, Nov 14
23. Georgia, A., C Asnis, M.C., Febres, G., Bessler, M., **Korner, J.** (2015) Maximal Beta-Cell Function after Roux-en-Y Gastric Bypass is Similar to Lean and Obese Controls. The Obesity Society, Los Angeles, CA, Nov 3-6
24. Mullally, J., Febres, G., Tsang, A., McMahon, D.J., Ahmed, L., Bessler, M., Korner, J. (2017) Sleeve Gastrectomy and Roux-en-Y Gastric Bypass Achieve Similar Early Improvements in Beta-cell Function in Obese Patients with Type 2 Diabetes. Endocrine Society, April 3
25. Mullally, J., Febres, G., Bessler, M. Korner, J. Effects of Roux-en-Y Gastric Bypass and Very Low Calorie Diet on the Thermic Effect of Feeding (2018) American Society for Metabolic and Bariatric Surgery, Nashville, TN
26. Mraz, M., Marcovitch, I., Lankova, I., Kratochvilova, H., Cinkajzlova, A., Benes, M., **Korner, J.**, Vlasakova, Z., Spicak, J., Pelikanova, T., Haluzik, M. Endoscopic duodenal submucosal laser ablation for the treatment of type 2 diabetes mellitus: Results of first-in-human pilot study. American Diabetes Association, Diabetes 2019 Jun; 68(supplement 1)
<https://doi.org/10.2337/db19-1131-P>
27. Arakawa, R., Febres, G., Cheng, B., Krikhely, A., Bessler, M., **Korner, J.** Gut hormone changes after laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass. (2019) The Obesity Society Annual Meeting, Las Vegas, NV, Nov 6

28. Aneke-Nash, C., Reid, T.J., Leskowitz, J., Sagredo, J.A., Borden, S., Krikhely, A., Bessler, M., **Korner, J.** Changes in Insulin-Like Growth Factor Binding Protein-2 after Low Caloric Diet and Bariatric Surgery. (2023) The Obesity Society Annual Meeting, Dallas, TX, Oct 16

CME Accredited Education Materials:

Self-Study Module: Management of cardiovascular risk associated with visceral adiposity: role of the endocannabinoid system. (2007) Sponsored by The National Lipid Association

The obesity epidemic: strategies in reducing cardiometabolic risk. (2007) Sponsored by The American Medical Association

OBESITY WORKSHOPS:

Workshop on sex and gender differences in obesity and cardiovascular disease. Society for women's health research. Washington, D.C., November 2005

International conference on gastrointestinal surgery to treat type 2 diabetes: Clinical and research guidelines development. Rome, Italy, March 2007

Hyperinsulinemia hypoglycemia following gastric bypass: pathogenesis and treatment. Joslin Diabetes Center, Boston MA, April 2008

Effects of Diabetes Medications on Body Weight. American Diabetes Association Expo. New York, NY, September 2009

SYMPOSIUM FACULTY:

First International Conference on Gastrointestinal Surgery to Treat Type 2 Diabetes – the Diabetes Surgery Summit. (voting delegate) Rome, Italy. 2007

New Approaches in Diabetes Research Fourth Annual Symposium. New York, NY, June 2008

First World Congress on Interventional Therapies for Type 2 Diabetes. New York, NY, September 2008

Second World Congress on Interventional Therapies for Type 2 Diabetes. New York, NY, March 2011

New York Obesity Symposium: Advances in Weight Management at Weill Cornell Medical College. New York, NY, September 21, 2013

3rd World Congress on Interventional Therapies for Type 2 Diabetes; 2nd Diabetes Surgery Summit. Voting Delegate for Consensus Statement on Metabolic Surgery. London, UK, September 2015

Endocrine Society Annual Meeting. Perspectives in Obesity Management: From Personal Experience to Best Practice. Atlanta, GA, June 2022

Endocrine Society Annual Meeting. More Than Weight. Treating Obesity as Part of a Comprehensive Care Approach to Cardiometabolic Disease. Chicago, Ill June 15, 2023

SELECTED PRESENTATIONS:

Cleveland Clinic and Women's Health Association, Medical Treatment of Obesity (Symposium), Cleveland, August, 2001

Dean's Hour, Neuroendocrine Regulation of Energy Homeostasis, Weill Cornell Medical College, New York, December 2001

St. Vincent's Hospital, Medical Treatment of Obesity (Grand Rounds), Bridgeport, Connecticut, January, 2002

Albert Einstein College of Medicine, Pharmacologic Therapy of Obesity (Endocrinology Division Grand Rounds), Bronx, New York, March 2002

University of South Florida 3rd Annual Conference on Obesity, Pharmacologic Therapy of Obesity (Symposium), Clearwater, Florida, April 2002

Health and Welfare Conference, Obesity and Diabetes: Plague of the 21st Century (Symposium), Monticello, New York, September 2002

University of Baltimore, Pharmacologic Therapy of Obesity, (Endocrinology Division Grand Rounds), Maryland, January 2003

Downstate Medical Center Obesity Conference, Neuroendocrine Factors in Obesity (Symposium), Brooklyn, New York, March 2003

University of South Florida 4th Annual Conference on Obesity, Pharmacologic Treatment of Obesity (Symposium), Clearwater, Florida, April 2003

St. Vincent's Hospital, Obesity (Grand Rounds), Bridgeport, Connecticut, November 2003

Mercy Medical Center, Obesity (Grand Rounds), Rockville Centre, New York, February 2004

Allen Pavilion of Columbia University Medical Center, Obesity (Grand Rounds), New York, New York, April 2004

University of South Florida 5th Annual Conference on Obesity, Gastrointestinal Hormones and the Regulation of Body Weight: Ghrelin and PYY (Symposium), Clearwater, Florida, April 2004

American Psychiatric Association Annual Meeting, How to Shrink Obesity (Symposium), New York, New York, May 2004

Endocrine Society Annual Meeting, Effects of Roux-en-Y Gastric Bypass Surgery on PYY and Ghrelin (Research Talk), New Orleans, LA, June 2004

Endocrine Society Annual Meeting, Drug-Induced Weight Gain (Symposium), New Orleans, LA, June 2004

Society of Biomedical Research 14th Annual Meeting, Components of the Gut-Hypothalamic Axis as Potential Targets for Obesity Therapy (Symposium), Gaithersburg, MD, August 2004

Morgan Stanley Children's Hospital, Drug-Induced Weight Gain (Pediatric Grand Rounds), New York, NY, January 2005

Division of Gastroenterology (Grand Rounds), The Gut-Hypothalamic Axis and Energy Homeostasis, Columbia University, New York, NY, February 2005

National Woman's Heart Day Health Fair, Obesity, (Panel Discussion), Madison Square Garden, New York, NY, February 2005

American Association of Clinical Endocrinologists, Regulation of appetite: strategies for pharmacologic intervention (Symposium), Washington D.C., May 2005

Institute of Human Nutrition, Columbia University, Metabolic Profile Following Bariatric Surgery (Graduate Program), New York, NY June 2005

North Atlantic Association for the Study of Obesity, NAASO, Gut and Gut/Hypothalamic Targets for Obesity Pharmacotherapy (Symposium), Vancouver, Canada, October 15, 2005

New Jersey Obesity Group Conference. To Eat or Not to Eat: How the Gut Talks to the Brain, Rutgers University, New Jersey, February 10, 2006

Keystone Symposium on Gut Hormones, Differential effects of gastric banding and Roux-en-Y gastric bypass on fasting and post-prandial plasma peptide YY, ghrelin, leptin and insulin concentrations, Santa Fe, New Mexico, March 5, 2006

National/Northeast Lipid Association Annual Scientific Session. The Cardiovascular Risks of Obesity and Pharmacological Options for Reducing Weight and Intra-abdominal Adiposity. Boston, MA, April 9, 2006

Harold Rifkin Open Meeting, American Diabetes Association. Bariatric Surgery: A surgical procedure with endocrine manifestations. New York, NY, April 29, 2006

4th Annual World Congress on the Insulin Resistance Syndrome, Effects of gut surgery on satiety hormones and insulin. Las Vegas, NV, October 5-7, 2006

First International Workshop on Animal Models of Bariatric Surgery. Effects of Bariatric Surgery on Appetitive Hormones and Incretins. Massachusetts General Hospital, Boston, MA, October 18-20, 2006

North Atlantic Association for the Study of Obesity, NAASO (Satellite Symposium), New Strategies for the Management of Cardiometabolic Risk Factors. Boston, MA, October 21, 2006

The Obesity Epidemic: Strategies in Reducing Cardiometabolic Risk (AMA Educational Roundtable), Is All Obesity the Same? Bethesda, MD, December 8, 2006

Diabetes Surgery Summit: International conference on gastrointestinal surgery to treat type 2 diabetes. Effects of Bariatric Surgery on Appetitive Hormones and Incretins. Rome, Italy, March 29, 2007

Novel Research Approaches Across the Diabetes Spectrum. Third Annual Symposium: Naomi Berrie Diabetes Research Center and D-Cure, Effects of Bariatric Surgery on Incretin Secretion and Type 2 DM. New York, NY, June 27, 2007

Albert Einstein College of Medicine (Endocrine Grand Rounds), A Panoply of Hormone Changes after Bariatric Surgery. Bronx, NY, November 16, 2007

Institute of Human Nutrition, Columbia University. (Graduate course on obesity), Current and Future Pharmacotherapy of Obesity. New York, NY, May 9, 2008

New York University School of Medicine (Endocrine Grand Rounds), A Panoply of Hormone Changes after Bariatric Surgery. New York, NY, May 16, 2008

Columbia University, Young Faculty Mentoring Program Mini-Retreat, Endocrine Manifestations of Bariatric Surgery. New York, NY, June 2, 2008

Annual Meeting of the Obesity Society, (Oral Presentation), Prospective analysis of appetitive hormones and insulin resistance before and one year after gastric banding and Roux-en-Y gastric bypass. Phoenix, AZ, October 4, 2008

University of Cincinnati (Endocrine Grand Rounds), A Panoply of Gut Hormone and Metabolic Changes after Bariatric Surgery. Cincinnati, OH, November 4, 2008

University of Cincinnati Genome Research Institute (Seminar), Gut Hormone and Metabolic Changes after Bariatric Surgery. Cincinnati, OH, November 4, 2008

Mount Sinai Hospital. (Diabetes Grand Rounds), A Panoply of Gut Hormone and Metabolic Changes after Bariatric Surgery. New York, NY, March 12, 2009

Columbia University, (Department of Medicine Grand Rounds), Modulation of Appetitive Hormones and Glucose Homeostasis after Bariatric Surgery. New York, NY, April 15, 2009

American Physicians Association (CME Satellite Symposium), Obesity Management in Patients with Type 2 Diabetes. Philadelphia, PA, April 23, 2009

The Sloane Symposium: Current Issues and Controversies in Obstetrics & Gynecology. Treatment of Obesity: It's More Than Writing a Prescription. New York, NY, June 12, 2009

Society for the Study of Ingestive Behaviors. (Symposium), Modulation of Appetitive Hormones after Roux-en-Y Gastric Bypass and Gastric Banding. Portland, OR, July 31, 2009

Columbia University, Annual Update and Intensive Review of Internal Medicine, Obesity Update. New York, NY, August 13, 2009

Annual Meeting of the Obesity Society, (Oral Presentation), Greater improvement in insulin sensitivity with equivalent weight loss after Roux-en-Y gastric bypass surgery compared to diet in T2DM patients. Washington DC, October 26, 2009

Annual Meeting of the Endocrine Society, (Oral Presentation), RYGB surgery in T2DM patients is superior to low calorie diet in improving insulin sensitivity and beta-cell function despite equivalent weight loss. San Diego, CA June 19, 2010

Mount Sinai School of Medicine, Dept of Preventive Medicine, World Trade Center Monitoring and Treatment Program (Seminar), Obesity: Current and Future Treatments. New York, NY, July 30, 2010

Columbia University, Annual Update and Intensive Review of Internal Medicine, Obesity Update. New York, NY, August 12, 2010

Annual Meeting of the Obesity Society, (Symposium) Appetite and Satiety in Clinical Practice. San Diego, CA October 9, 2010

The 2nd World Congress on Interventional Therapies for Diabetes Control (Symposium) Pre-operative predictors of diabetes control. New York, NY March 28, 2011

Columbia University Medical Center, The 7th Annual John Loeb Award Lecture (Grand Rounds) Obesity treatment: one size does not fit all. New York, NY May 4, 2011

American Diabetes Association 71st Scientific Session (Symposium) Metabolic surgery – Gut hormones in glucose homeostasis – Medical/Lifestyle treatment vs surgical treatment of obesity. San Diego, CA June 24, 2011

Columbia University, Annual Update and Intensive Review of Internal Medicine, Obesity Update. New York, NY, August 2011

7th International B.E.S.T. Congress 2011: Bariatric Endoscopic Surgical Trends (Symposium) Mechanism of Action – Gut peptides and metabolic surgery. New York, NY, November 3, 2011

52nd Annual American College of Nutrition Conference (Symposium) Neuroendocrine mechanisms of weight control. New Jersey, November 17, 2011

Rotary Club (Lecture) The pandemic of obesity and treatment strategies. Scarsdale, NY, November 22, 2011

Institute of Human Nutrition, Columbia University (Lecture) Obesity Treatment: Past, Present and Future. April 11, 2013

St. Luke's Hospital, New York Obesity Research Center (Endocrine Grand Rounds) The effects of bariatric surgery on appetitive hormones and type 2 diabetes. New York, NY, April 12, 2013

Columbia University, General Medicine, (Grand Rounds) Obesity Therapy. New York, NY, May 31, 2012

Columbia University, Annual Update and Intensive Review of Internal Medicine, Obesity Update. New York, NY, June 2013

New York Obesity Symposium: Advances in Weight Management at Weill Cornell Medical College. Update on the Surgical Management of Obesity and Type 2 Diabetes. New York, NY, September 21, 2013

New York University, Division of Endocrinology, (Grand Rounds) The effects of bariatric surgery on appetitive hormones and type 2 diabetes. February 28, 2014

Columbia University, Graduate Course in Physiology, Obesity therapies and the effect of weight loss. 2014, 2015, 2016, 2017

Mount Sinai School of Medicine, Metabolic Institute, The effects of bariatric surgery on appetitive hormones and type 2 diabetes. May 15, 2014

Columbia University, Annual Update and Intensive Review of Internal Medicine, Obesity Update. New York, NY, June 2014, 2015, 2016, 2017, 2018

Lankenau Medical Center, (Grand Rounds) Obesity, Philadelphia, PA, September 19, 2014

Columbia University, Department of Medicine (Grand Rounds) New approaches to the treatment of obesity. New York, NY, February 4, 2015

3rd World Congress on Interventional Therapies for Type 2 Diabetes; 2nd Diabetes Surgery Summit. Does Very Low Calorie Diet Mimic the Effect of Roux-en-Y Gastric Bypass Surgery? London, UK, September 2015

Institute of Human Nutrition, Obesity Course, The role of gut hormones in the etiology and persistence of obesity. New York, NY, April 13, 2016

Endocrine Society. Weight Regulation after Bariatric Surgery. Orlando, FLA, April 2, 2017

University of Alabama, NYONRC. Effect of Bariatric Surgery on Gut Hormones and Glucose Homeostasis. Birmingham, May 9, 2017

Institute of Human Nutrition, Obesity Course, Regulation of Appetite. New York, NY, 2017, 2018, 2019, 2021, 2022, 2023

American Psychiatric Association Annual Meeting. Eating Disorders Course. Medical Management of Obesity. New York, NY, May 8, 2018

New York University Langone Obesity Research Summit. Weight Regulation after Bariatric Surgery New York, NY, November 1, 2018

American Society for Metabolic and Bariatric Surgery, Obesity Week, (Symposium), Biology and Predictors of Weight Regain after Bariatric Surgery. Nashville, TN, November 14, 2018

Stony Brook Medical Center, (Grand Rounds) Medical and Surgical Management of Obesity. Stony Brook, NY, April 3, 2019

4th World Congress on Interventional Therapies for Type 2 Diabetes. Gastrointestinal Hormones and Bariatric Surgery: An Update. New York, NY, April 8, 2019

Diabetes and Metabolism Seminar Series: Recent Advance in the Pathogenesis and Treatment of Obesity (Symposium). Changes in Gut Hormones and Glucose Homeostasis after Bariatric Surgery. University of Washington Annual Symposium October 8, 2020

Mount Sinai School of Medicine. Diabetes and Endocrinology Grand Rounds. Update on Obesity Treatment. New York, NY, December 9, 2021

Albert Einstein College of Medicine, Diabetes Center. Update on the Nuts and Bolts of Obesity Treatment. March 18, 2022

Boston University, Endocrinology Grand Rounds. Updates on Obesity Treatment. April 25, 2022

Obesity: Etiology, Prevention, Treatment. Columbia Institute of Human Nutrition and Weill Cornell Medicine. Gut Hormone Effects of Bariatric Surgery and What they Teach us about Weight Regulation. New York, NY May 4, 2023

29th Annual Update and Intensive Review of Internal Medicine, Columbia University. Games Changers: New Medications for Obesity Treatment. New York, NY June 15, 2023