

FIRST ANNUAL GERALD J. FRIEDMAN FELLOWS SYMPOSIUM

Nutrition, Diabetes and Human Health

**Gerald J. Friedman Diabetes Institute
Division of Endocrinology and Metabolism**

Beth Israel Medical Center, Albert Einstein College of Medicine, New York, NY

Division of Endocrinology, Diabetes and Metabolism

Tufts Medical Center, Boston, Massachusetts

Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy

Tufts University, Boston, Massachusetts



Gerald J. and Dorothy R.
Friedman School of
Nutrition Science and Policy

DATE: November 14, 2008 – World Diabetes Day

TIME: 8:00 a.m. – 6:00 p.m.

LOCATION: Tribeca Grand Hotel
2 Avenue of the Americas
New York City, NY 10013

CONFERENCE CO-CHAIRS

Gerald Bernstein, M.D.

Director, Diabetes Management Program
Gerald J. Friedman Diabetes Institute
Beth Israel Medical Center
Associate Clinical Professor of Medicine
Albert Einstein College of Medicine

Eileen T. Kennedy, D.Sc., R.D.

Dean, Gerald J. and Dorothy R. Friedman
School of Nutrition Science and Policy
Tufts University

Ronald Lechan, M.D., Ph.D.

Chief, Division of Endocrinology, Diabetes
and Metabolism
Professor of Medicine
Director, The Dr. Gerald J. and Dorothy R. Friedman
Program in Diabetes and Metabolism
Tufts Medical Center

Leonid Poretsky, M.D.

Chief, Division of Endocrinology and Metabolism
Director, Gerald J. Friedman Diabetes Institute
Gerald J. Friedman Chair in Endocrinology
Beth Israel Medical Center
Professor of Medicine
Albert Einstein College of Medicine

Jerome Tolbert, M.D., Ph.D.

Medical Director, Outreach Program
Gerald J. Friedman Diabetes Institute
Beth Israel Medical Center

PROGRAM

Time	Topic	Presented by
8:00 – 9:00 a.m.	Fellows and Mentors breakfast	
9:00 – 9:15 a.m.	Introductory remarks	Leonid Poretsky and Ronald Lechan
9:15 – 10:00 a.m.	Plenary Lecture <i>Lessons from 10 years in research</i>	Anastassios Pittas
10:00 – 1:00 p.m.	Abstract Presentations	
10:00	<i>Molecular mechanisms that link type 2 diabetes and breast cancer progression</i>	Ruslan Novosyadlyy
10:20	<i>Focused ultrasound (FUS) mediated reversible modulation of region specific brain function in animal model</i>	Seung-Schik Yoo presenting for Fellow Jong-Hwan Lee
10:40 – 11:00 a.m.	Break	
11:00	<i>Thiazolidinediones inhibit aromatase activity in human granulosa cells by interfering with androgen binding to aromatase</i>	Takako Araki
11:20	<i>Vitamin D insufficiency</i>	Lisa Ceglia
11:40	<i>Why WAIT-A multidisciplinary approach in treatment of obesity in patients with diabetes</i>	Nuha El Sayed
12:00	<i>Treatment of type 2 diabetes mellitus in patients with chronic kidney disease</i>	Noah Lubowsky
12:20	<i>Vitamin D Receptor (VDR) is expressed in human ovarian cells, likely mediating the effects of Vitamin D on steroidogenesis</i>	Grishma Parikh
12:40	<i>New insights into metabolism from IGFBP-3 knockout mice</i>	Paulette Yamada
1:00 – 1:50 p.m.	Lunch	
1:50 – 2:00 p.m.	Remarks	Eileen T. Kennedy
2:00 - 5:40 p.m.	Abstract Presentations	
2:00	<i>Novel biological roles for Vitamin K</i>	Ala Al Rajabi
2:20	<i>Does women's empowerment really improve child nutrition in Bangladesh?</i>	Lucy Bassett
2:40	<i>The economics of the thrifty food plan</i>	Joseph Llobrera
3:00	<i>Translational research—From the bench to the bedside, a case study of gene/nutrient interaction</i>	Denish Moorthy
3:20	<i>Pregnant Native Americans and diabetes</i>	Merle Muller
3:40 – 4:00 p.m.	Break	
4:00	<i>How much hope and how much hype? Estimating the benefit of drought tolerant transgenic crops for Ghana</i>	Ashok Ashwin Mysore
4:20	<i>Dietary interventions for insulin resistance and the metabolic syndrome</i>	Lisa Neff
4:40	<i>Urban vegetable production: Determining polycyclic aromatic hydrocarbon (PAH) concentrations in vegetable crops based on distance from roadways</i>	Jennifer Obadia
5:00	Acute malnutrition in non-emergency settings: Integrating best practices and determining costs	Chloe Puett
5:20	Collaborative outreach, educational and clinical services to fight obesity and diabetes in South East Florida	Florence Solages
5:40 – 6:00 p.m.	Concluding Remarks	
7:30 p.m.	Friedman Foundation Dinner for Fellows and Mentors – Invitation Only	

PARTICIPANTS

FELLOWS

Ala Al Rajabi, M.S.	Ph.D. Candidate – Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Takako Araki, M.D.	Research Fellow – Gerald J. Friedman Diabetes Institute Division of Endocrinology and Metabolism Endocrine Research Laboratory, Beth Israel Medical Center, New York, NY
Lucy Bassett, M.A., M.S.	Ph.D. Candidate, Food Policy and Applied Nutrition Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Lisa Ceglia, M.D.	Postdoctoral Fellow in Nutrition - Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University Friedman Fellow in Diabetes and Metabolism (2004-2007) Tufts Medical Center, Boston, MA Endocrinology Attending, Tufts Medical Center, Boston, MA
Nuha El Sayed, M.D.	Friedman Fellow in Diabetes and Metabolism (2007-2010) Tufts Medical Center, Boston, MA
Joseph T. Llobrera, M.A.	Ph.D. Candidate, Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Noah Lubowsky, M.D.	Friedman Fellow in Diabetes and Metabolism (2006-2008) Tufts Medical Center, Boston, MA
Denish Moorthy, M.S.	Post-Doctoral Research Fellow Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University, Boston, MA
Merle Henry Muller, M.D.	Associate Director, Family Practice Residency Program Siouxland Medical Education Foundation Sioux City, Iowa
Lisa Neff, M.D., M.A.	Clinical Scholar – Instructor of Clinical Investigation Associate Attending Physician-Rockefeller University, New York, NY Friedman Fellow in Diabetes and Metabolism, (2003-2006) Tufts Medical Center, Boston, MA
Ashwin Mysore A., MSc	Ph.D. Candidate – Agriculture, Food and Environment Program Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Ruslan Novosyadlyy, MD, PhD.	Postdoctoral Fellow – Division of Endocrinology, Diabetes and Bone Diseases Department of Medicine, Mount Sinai School of Medicine, New York, NY
Jennifer Obadia, MS	Ph.D. Candidate – Agriculture, Food and Environment Program, Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Grishma Parikh, MD	Endocrine Fellow – Division of Endocrinology and Metabolism Friedman Research Fellow (2007-2008) Friedman Diabetes Institute, Beth Israel Medical Center, New York, NY

Anastassios G. Pittas, MD, MS	Associate Professor of Medicine Associate Director, Fellowship Program in Endocrinology, Diabetes and Metabolism Co-Director, Diabetes Center Friedman Fellow in Diabetes and Metabolism (2000-2002) Tufts Medical Center, Boston, MA
Chloë A. Puett, M.A.	Ph.D. Candidate, Food Policy and Applied Nutrition, Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Florence L. Solages, MD, MSc, MPH	Private Practice, Plantation, Florida Fellow in Clinical Care Research and Friedman Fellow in Diabetes and Metabolism (2000-2004) Tufts Medical Center, Boston, MA
Paulette M. Yamada, Ph.D.	Postdoctoral Fellow, University of California, Pediatric Endocrinology Gerald J. and Dorothy R. Friedman Foundation Fellowship recipient 2008 Los Angeles, CA

UNABLE TO ATTEND

Jong-Hwan Lee, Ph.D.	Instructor in Radiology Brigham and Women's Hospital Harvard Medical School, Boston, MA
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ATTENDING BUT NOT PRESENTING

Wen-Yee Tsai, M.D.	Fellow in Endocrinology Tufts Medical Center, Boston, MA
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FACULTY/MENTORS

Gerald Bernstein, M.D.	Director, Diabetes Management Program Gerald J. Friedman Diabetes Institute, Beth Israel Medical Center Associate Clinical Professor of Medicine, Albert Einstein College of Medicine New York, NY
Sarah L. Booth, Ph.D.	Chair, Department of Nutrition Sciences Friedman School of Nutrition Science and Policy Scientist I, Vitamin K Research Laboratory Jean Mayer USDA Human Nutrition Research Center on Aging Tufts University, Boston, MA
Alexander Bystritsky, M.D.	Professor of Psychiatry, UCLA Los Angeles, CA
Pinchas Cohen, M.D.	Professor of Pediatric Endocrinology Ronald Reagan UCLA Medical Center Santa Monica-UCLA Medical Center and Orthopaedic Hospital Los Angeles, California
Ronald Lechan, M.D., Ph.D.	Chief, Division of Endocrinology, Diabetes and Metabolism Professor of Medicine Director, The Dr. Gerald J. and Dorothy R. Friedman Program in Diabetes and Metabolism Tufts Medical Center, Boston, MA

Kuk-Wha Lee, M.D., Ph.D., FAAP	Assistant Professor, Pediatric Endocrinology Mattel Children's Hospital at UCLA David Geffen School of Medicine, UCLA, Los Angeles, CA
Derek Le Roith, M.D., PhD	Director of the Metabolism Institute Chief of the Division of Endocrinology, Diabetes & Bone Diseases Professor of Medicine, Mount Sinai School of Medicine, New York, NY
Eileen T. Kennedy, D.Sc., RD	Dean, Friedman School of Nutrition Science and Policy Tufts University, Boston, MA
Kathleen Merrigan, Ph.D.	Assistant Professor, Friedman School of Nutrition Science and Policy Director, Agriculture, Food and Environment Program and the Center for Agriculture, Food and Environment Adjunct Faculty, Tisch College of Citizenship and Public Service Tufts University, Boston, MA
Leonid Poretsky, M.D.	Chief, Division of Endocrinology and Metabolism Director, Gerald J. Friedman Diabetes Institute Gerald J. Friedman Chair in Endocrinology Beth Israel Medical Center Professor of Medicine, Albert Einstein College of Medicine New York, N.Y.
Aron Troen, Ph.D.	Scientist III, Vitamin Metabolism Laboratory Nutrition and Neurocognition Laboratory Jean Mayer USDA Human Nutrition Research Center on Aging Tufts University, Boston, MA
Jerome Tolbert, M.D., Ph.D.	Medical Director, Outreach Program, Gerald J. Friedman Diabetes Institute, Beth Israel Medical Center, New York, NY
Donna Seto-Young, Ph.D.	Director, Endocrine Research Laboratory, Beth Israel Medical Center Associate Professor of Medicine Albert Einstein College of Medicine, New York, NY
Seung-Schik Yoo, Ph.D., MBA	Associate Professor of Radiology Brigham and Women's Hospital, Harvard Medical School, Boston, MA

*Sponsored by The Gerald J. and Dorothy R. Friedman Foundation
marking the first anniversary of
The Gerald J. Friedman Diabetes Institute Beth Israel Medical Center New York City.*