

Anastassios G. Pittas, MD MS
Dr. Gerald J. and Dorothy R. Friedman Fellow in Diabetes & Metabolism
2000 - 2002



Education

Dr. Pittas received his B.S. from the Massachusetts Institute of Technology in Cambridge, MA and his M.D. from the Cornell University Medical College. He completed his Internal Medicine Residency at the New-York Presbyterian Hospital in New York City, NY and his Fellowship in Endocrinology, Diabetes and Metabolism as the 1st Friedman Fellow at Tufts Medical Center. Dr. Pittas earned his M.S. degree in Clinical Research from Sackler School of Biomedical Sciences at Tufts University. He is Diplomate of the American Board of Internal Medicine Subspecialty Board in Endocrinology and Metabolism.

Former and Current Position(s) and Academic Interests

After completing his fellowship in Endocrinology, Dr. Pittas joined the staff in the Division of Endocrinology at Tufts Medical Center where he has been active in all three areas of academic medicine (clinical care, research and teaching) as they relate to the prevention and management of diabetes mellitus and cardiometabolic disease. Dr. Pittas is currently a Professor of Medicine at Tufts University School of Medicine, an Adjunct Associate Professor of Nutrition at the Friedman School of Nutrition, Science and Policy at Tufts University and a Center Scientist at the Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University. He served as the Director of the Tufts Medical Center Clinical and Translational Research Center during 2011-2012.

Dr. Pittas is the co-Director of the Dr. Gerald J. and Dorothy R. Friedman New York Foundation for Medical Research Diabetes Self-Education Program at Tufts Medical Center and the Associate Director of the Endocrinology Fellowship Program at Tufts Medical Center. He served as the Director of the Endocrine Pathophysiology course at Tufts University School of Medicine from 2000 to 2008.

Dr. Pittas' was the recipient of a National Institutes of Health K23 Career Development Award in 2002. His work on the role of vitamin D and calcium in cardiometabolic disease has been

supported by the R01 and R21 mechanisms of the National Institutes of Health (NIDDK and ODS) and the American Diabetes Association.

In 2011, Dr. Pittas was awarded a U34 Planning Grant from NIDDK to plan a large multi-center trial to study the effects of vitamin D supplementation in patients with pre-diabetes. In 2013, in a follow-up to the U34 grant, he received a U01 Multi-Center Clinical Study Cooperative Agreement grant, one of the most prestigious NIH awards, to conduct the Vitamin D and Type 2 Diabetes (D2d) clinical trial, the first of its kind study to test the safety and efficacy of vitamin D supplementation for prevention of type 2 diabetes. This U01 grant is one of the largest ever in the history of Tufts Medical Center.

His additional interest is in Comparative Effectiveness Research (CER) as it relates to the care of patients with diabetes. He has co-authored over 60 publications including peer-reviewed journals, books, book chapters and evidence-based reports. Dr. Pittas has served as a member or Chair of multiple NIH study sections and also for other international research foundations, including *the Canadian Institutes of Health Research*, *UK Diabetes*, *Children's Medical Research Foundation (Australia)* and *Health Research Council of New Zealand*. He has also been a peer reviewer for major medical journals including *Annals of Internal Medicine*, *Archives of Internal Medicine*, *Lancet* and *the Canadian Medical Association Journal*. He is a member of various professional societies.

Dr. Pittas has served as Mentor for other Friedman Fellows (Hariharan, Ceglia, Amori, Lubowsky).

Honors & Awards

- 1977 – 1987 Recipient of an academic 10-year full scholarship, Athens College, Greece
- 1987 – 1991 Scholarship, Massachusetts Institute of Technology, Cambridge, MA
- Sigma Xi Scientific Society, Massachusetts Institute of Technology, Cambridge, MA
- 1991 – 1995 Scholarship, Cornell University Medical College, New York NY
- 1992 & 1993m Teagle Scholar, Cornell University Medical College, New York NY
- Medical Scholarship Award, Hellenic Medical Society of New York, New York NY
- Papanicolaou Fellow in Clinical Anatomy, Cornell U. Medical College, New York, NY
- Oliver Smith Award, Tufts Medical Center, Boston MA *
- * Oliver Smith Award is given in recognition of excellence, compassion and extraordinary and thoughtful care and service to patients. Tufts Medical Center, Boston, MA
- 2000 – 2002 The Dr. Gerald J. and Dorothy R. Friedman Foundation Scholar, Tufts Medical Center
- 2001 – 2004 Diabetes Physician Recognition Award, American Diabetes Association (ADA) and National Committee for Quality Assurance (NCQA)
- Membership, Diabetes Care Link, Bridges to Excellence
- 2004 - Fellow, American College of Endocrinology
- Letter of Commendation for exceptional quality of reviews, *Archives of Internal Medicine*
- 2005 – 2007 Annual Letter of Commendation for exceptionally fine quality of reviews (top 10% reviewers), *Annals of Internal Medicine*

- Nominated for the 2005-6 Milton O. M'30 and Natalie V. Zucker Clinical Teaching Prize for Innovation at Tufts U. School of Medicine
- Letter of Commendation for exceptionally fine quality of reviews *Canadian Medical Association Journal (CMAJ)*
- Oliver Smith Award Tufts Medical Center, Boston, MA
- Nephrology and Transplantation Update 2009, Hilton Head, South Carolina. The Blaise Widmer Distinguished Lectureship in Nephrology: "The Role of Vitamin D in Cardiometabolic Disease"
- 2011.Sept Chair (*Ad Hoc*), *NIH Special Emphasis Panel – GRADE study collaborating sites*
- 2011 - 2015 Member (*Standing*), *NIH Study Section - Clinical & Integrative Diabetes and Obesity*
- 2014-2015 Chair *NIH Study Section - Clinical & Integrative Diabetes and Obesity*

Bibliography (total of more than 80 peer-reviewed publications, book chapters and periodicals)

Selected publications prior to 2011

1. **Pittas AG**, Adler M, Fazzari M, Tickoo S, Rosai SM, Larson SM and Robbins RJ. Bone Metastases from thyroid carcinoma: clinical characteristics and prognostic variables in one hundred forty-six patients. *Thyroid* 2000;10 (3): 261-268
2. Ordoas J, **Pittas AG** and Greenberg AS. Might the diabetic environment in utero lead to type 2 diabetes? *Lancet* 2003;361(9372): 1839-40 [PMID: 12788565]
3. Schurgin S, Weinstein B and **Pittas AG**. Tuberculous Abscess of the Thyroid Gland. *Endocr Pract* July/August 2003: 9 (4): 330
4. **Pittas AG**, Joseph N and Greenberg AS. HOT TOPIC: Adipocytokines and insulin resistance. *J Clin Endocrinol Metab* 2004;89(2): 447-452 [PMID: 14764746]
5. **Pittas AG**, Siegel RD and Lau J. Insulin therapy for critically ill hospitalized patients. A meta-analysis of randomized controlled trials. *Arch Intern Med* 2004;164: 2005-11 [PMID: 15177435]
6. **Pittas AG**, Dawson-Hughes B, Li T, Willett WC, Van Dam RV, Manson JE and Hu FB. Vitamin D and Calcium Intake in Relation to type 2 Diabetes. *Diabetes Care* 2006;29(3): 650-6.
7. Ceglia L, Lau J and **Pittas AG**. Efficacy and safety of inhaled insulin therapy in adults with diabetes mellitus. A systematic review. *Ann Intern Med* 2006;145:665-675. [PMID: 17088580]
8. **Pittas AG**, Roberts SB, Das SK, Gilhooly CH, Golden J, Saltzman E, Stark PC and Greenberg AS. The effects of the dietary glycemic load on type 2 diabetes risk factors during weight loss. *Obesity* 2006: 14(12): 2200-2209. [PMID: 17189547]
9. **Pittas AG**, Harris S, Stark P and Dawson-Hughes B. The Effects of Calcium and Vitamin D Supplementation on Blood Glucose and Markers of Inflammation in Non-diabetic Adults. *Diabetes Care* 2007;30(4):980-986 [PMID: 17277040]
10. **Pittas AG**, Lau J, Hu F and Dawson-Hughes B. "The Role of Vitamin D and Calcium in type 2 diabetes. A Systematic Review and Meta-Analysis", *J Clin Endocrinol Metab* 2007;92:2017-2029.
11. **Pittas AG** and Dawson-Hughes B. The Effects of Calcium and Vitamin D Supplementation on Blood Glucose and Markers of Inflammation in Non-diabetic Adults. *Diabetes Care* 2007;30(7):e81; Author reply e82.

12. Amori R, Lau J and **Pittas AG**. Incretin Therapy in Type 2 Diabetes. A meta-analysis of randomized trials [JAMA](#) 2007;298(2):194-206 [PMID: 17622601]

⇒ Top 10 Most Read Internal Medicine Articles of 2007, as rated by the McMaster Online Rating of Evidence.

13. Balk ME, Tatsioni A, Lichtenstein AH, Lau J and **Pittas AG**. Effect of Chromium Supplementation on Glucose Metabolism and Lipids: A Systematic Review of Randomized Controlled Trials [Diabetes Care](#) 2007;30(8):2154-2163 [PMID: 17519436]
14. Lubowsky ND, Siegel R and **Pittas AG**. Management of Glycemia in Patients with Diabetes Mellitus and CKD [Am J Kidney Dis](#) 2007; 50 (5):865-879 [PMID: 17954300]
15. Peechakara SV and **Pittas AG**. Vitamin D as a potential modifier of diabetes risk. [Nature CPEM](#) 2008;4(4):182-183
16. Das SK, Gilhooly CH, Golden JK, **Pittas AG**, Fuss PJ, Dallal GE, McCrory MA, Saltzman E and Roberts SB. Long-term effects of energy-restricted diets differing in glycemic load on metabolic adaptation and body composition. [The Open Nutr J](#) 2008 (2) 76-85.
17. Amori RE, **Pittas AG**, Siegel RD, Kumar S, Chen JS, Karnam S, MS-2, Golden SH and Salem DN. Inpatient medical errors involving glucose lowering medications and their impact on patients. [Endocr Pract](#) 2008 (14) 535-542 [PMID 18753094]
18. Mitri J, Castillo J, and **Pittas AG**. Diabetes mellitus and risk of non-Hodgkin's lymphoma: A meta-analysis of observational studies. [Diabetes Care](#) 2008;31(12) 2391-7 [PMID 19033419]
19. Liu E, Meigs JB, **Pittas AG**, McKeown NM, Economos CD, Booth SL, Jacques PF. Plasma 25-hydroxyvitamin D is associated with markers of the insulin resistance phenotype in non-diabetic adults. [J. Nutr](#) 2009;139(2):329-34 [PMID: 19106328]
20. **Pittas AG**, Harris SS, Eliades M, Stark P and Dawson-Hughes B. Association between serum osteocalcin and markers of metabolic phenotype. [J Clin Endocrinol Metab](#) 2009;94(3):827-832 [PMID 19088165]
21. **Pittas AG**, Chung M, Trikalinos TA, Mitri J, Brendel M, Patel K, Lichtenstein AH, Lau J and Balk E. Vitamin D and Cardiometabolic Outcomes: A Systematic Review. [Ann Intern Med](#) 2010;152:307-314
22. **Pittas AG**, Qi S, Manson JE, Dawson-Hughes B and Hu FB. Plasma 25-hydroxyvitamin D concentration and risk of incident type 2 diabetes in women. [Diabetes Care](#) 2010;33(9):2021-3 [PMC2928356 / Available on 2011/9/1] [Free Article]
23. Mitri J, Muraru MD and **Pittas AG**. Vitamin D and type 2 diabetes. A systematic review. [EJCN](#) 2011 (in press)
24. Mitri J, Dawson-Hughes B and **Pittas AG**. The effects of vitamin D and calcium supplementation on pancreatic beta cell function, insulin sensitivity and glycemia in adults at high risk for diabetes. The CaDDM randomized controlled trial [Am J Clin Nutr](#) 94(2): 486-494. 2011
25. CALERIE Study Group. Design and Conduct of the CALERIE Study: Comprehensive Assessment of the Long-term Effects of Reducing Intake of Energy [J Gerontol A Biol Sci Med Sci](#) 2011;66(1):97-108

All publications in 2012-2013

26. Liu, E., N. M. McKeown, **Pittas AG**, Meigs JB, Economos CD, Booth and Jacques PF. Predicted 25-hydroxyvitamin D score and change in fasting plasma glucose in the Framingham offspring study. [EJCN](#) 2012;66(1):139-41 [PMC Pending][PMID: 22009071]

27. Harris SS, **Pittas AG** and Palermo NJ. A randomized, placebo-controlled trial of vitamin D supplementation to improve glycaemia in overweight and obese African Americans. [Diabetes, Obesity and Metabolism](#) 2012;14(9):789-94 [PMC Pending][PMID: 22486948]
 28. **Pittas AG**, Nelson J, Mitri J, Hillmann W, Garganta C, Nathan DM, Hu FB and Dawson-Hughes B. Plasma 25-hydroxyvitamin D and progression to diabetes in patients at risk for diabetes: an ancillary analysis in the Diabetes Prevention Program. [Diabetes Care](#) 2012;35(3):565-573 [PMC3322702][PMID: 22323410]
- ⇒ ***Voted one of the top 16 papers out of 3,600 manuscripts on vitamin D published in 2012.***
29. Song Y, Wang L, **Pittas AG**, Del Gobbo LC, Zhang C, Manson JE, and Hu FB. Blood 25-hydroxy vitamin D levels and incident type 2 diabetes: a meta-analysis of prospective studies. [Diabetes Care](#) 2013;36(5):1422-8 [PMC3631862]
 30. Batra, P. Das, SK, Salinardi, T, Robinson, L, Saltzman, E, Scott, T, **Pittas, AG**, Roberts, SB. Eating behaviors as predictors of weight loss in a 6 month weight loss intervention. *Obesity* 2013;20 [PMC Pending][PMID: 23512619]
 31. Salinardi TC, Batra P, Roberts SB, Urban LE, Robinson LM, **Pittas AG**, Lichtenstein AH, Deckersbach T, Saltzman E, Das SK. Lifestyle intervention reduces body weight and improves cardiometabolic risk factors in worksites. [Am J Clin Nutr](#) 2013;97 (4): 667-76 [PMC Pending][PMID: 23426035]
 32. Batra PJ, Das SK, Salinardi T, Robinson L, Saltzman E, Scott T, **Pittas A** and Roberts S. Relationship of cravings with weight loss and hunger: results from a 6 month worksite weight loss intervention. *Appetite* 2013;69:1-7 [PMID 23684901]
 33. Mitri J, Nelson J, Ruthazer R, Garganta C, Nathan DM, Hu FB, Dawson-Hughes B and **Pittas AG**. Plasma 25-hydroxyvitamin D and risk of metabolic syndrome: an ancillary analysis in the Diabetes Prevention Program. [EJCN](#) 2013 (in press) [PMC Pending][PMID: PENDING]
 34. Mitri J and **Pittas AG**. Vitamin D for prevention of type 2 diabetes. [Clinics](#) 2013 (in press) [PMC Pending][PMID: PENDING]
 35. Karl JP, Cheatham RA, Das SK, Hyatt RR, Gilhooly CH, **Pittas AG**, Lieberman HR, Lerner D, Roberts SB and Saltzman E. Effect of glycemic load on eating behavior self-efficacy during weight loss. [Appetite](#) 2104 Sept;80:204-11.
 36. Vitamin D as a potential contributor in endocrine health and disease. Muscogiuri G, Mitri J, Mathieu C, Badenhop K, Tamer G, Orio F, Mezza T, Vieth R, Colao AA, **Pittas A**. [Eur J Endocrinol](#). 2014 May 28. pii: EJE-14-0158
 37. Seida JC, Mitri J, Colmers I, Majumdar SR, Davidson MB, Edwards AL, Hanley DA, **Pittas AG**, Tjosvold L, Johnson JA. Effect of Vitamin D Supplementation on Improving Glucose Homeostasis and Preventing Diabetes: A Systematic Review and Meta-Analysis. [J Clin Endocrinol Metab](#) 2014 (in press)
 38. Pittas AG, Dawson-Hughes B, Sheehan PR, Rosen CJ, Ware JH, Knowler WC, Staten MA and the D2d Research Group. Rationale and Design of the Vitamin D and Type 2 Diabetes Study: A Diabetes Prevention Trial. [Diabetes Care](#) 2014 (in press)