

I. PERSONAL

Name: Ariel Zisman, M.D.
Main Office Address: The Endocrine Center of Aventura
2627 NE 203rd Street, Suite 209, Aventura, FL 33180-1946
Coral Gables Office Address: 2307 Douglas Road, Suite 203, Miami, FL 33145

II. HIGHER EDUCATION

Institutional:

Liceo “Moral y Luces Herzl-Bialik”, Caracas, Venezuela, B.S.; 1985

Univ. Central de Venezuela, Luis Razetti School of Medicine, Caracas, Venezuela, M.D.; 1993

Univ. of Texas Southwestern Medical School, Dallas, TX, Intern, Internal Medicine; 1994-1995

Univ. of Texas Southwestern Medical School, Dallas, TX, Resident, Internal Medicine; 1995-1997

Harvard Medical School, Joslin Diabetes Center/Beth Israel Deaconess Medical Center, Boston, MA; 1997-2000

Certification, licensures:

Advanced Ultrasound of the Endocrine Neck, American Association of Clinical Endocrinologists (AACE), February 2006

Thyroid Ultrasound and Ultrasound-guided Fine Needle Aspiration Biopsy, American Association of Clinical Endocrinologists (AACE), March 2000

State of Florida Medical License, 2000-present

Diplomate, Subspecialty Board of Endocrinology, Diabetes, and Metabolism, 1999

DEA Registration, 1997-present

Commonwealth of Massachusetts Medical License, 1997-2006

Diplomate, American Board of Internal Medicine, 1997

III. EXPERIENCE

Academic:

1984-1984 Research Assistant, “Bessie F. Lawrence” Summer Science Institute, Department of Biophysics, Weizmann Institute of Science, Rehovot, Israel
Advisor: Nathan Sharon, M.D.
Project: “Studies of T-cell Surface Glycoconjugates”

1985-1986 Assistant, Department of Biophysics and Biochemistry, Laboratory of Experimental

Thrombosis, Venezuelan Institute for Scientific Research (IVIC), Altos de Pipe, Venezuela
Advisor: Rafael Apitz-Castro, M.D.
Project: "Effects of a garlic-derived compound (Ajoene) on platelet aggregation"

- 1991-1991 Research Assistant, Centers for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, Dallas, Texas
Mentor: Charles Y.C. Pak, M.D.
Project: "Metabolic bone diseases and postmenopausal osteoporosis"
- 1990-1993 Research Assistant, Dept. of Tropical Medicine, Universidad Central de Venezuela, Caracas, Venezuela
Mentor: Jaime R. Torres, M.D.
Project: "Immunopathogenesis of malarial infection in highly-endemic Amerindian communities in Venezuela"
- 1998-2000 Research Fellow, Dept. of Molecular Physiology, Joslin Diabetes Center, Harvard Medical School, Boston, Massachusetts
- 2000-2007 Assistant Professor of Medicine, University of Miami School of Medicine/Jackson Memorial Hospital, Miami, Florida
- 2000-2007 Research Investigator, Dept. of Medicine, Vascular Biology Institute and Diabetes Research Institute, University of Miami School of Medicine, Miami, Florida
- 2007-pres. Voluntary Assistant Professor of Medicine, Dept. of Medicine, Division of Endocrinology, Diabetes and Metabolism, University of Miami School of Medicine, Miami, Florida

Non-academic:

2007-pres. Medical Director, The Endocrine Center of Aventura, Aventura, Florida

IV. PUBLICATIONS

Book Chapters and monographs:

1. Delaney M.F., **Zisman A.** and Kettyle W.M.: Diabetic Ketoacidosis and the Hyperosmolar Syndrome. *Endocrinol Metab Clin North Am* 29, 683-705 (2000).
2. Kulkarni R.N., **Zisman A.** Lessons for Human Diabetes from Experimental Mouse Models. *Current Diabetes Reports* 3, 168-175 (2003).
3. Meneghini L.F., **Zisman A.** Practical Tools for Glycemic Control in Type 2 Diabetes: Introducing Basal/Bolus Insulin Therapy (monograph). CME Activity supported by the University of Miami School of Medicine, 2004.

Juried or refereed journal articles or exhibitions:

1. Sakhaee K., **Zisman A.**, Poindexter J.R., Zerwekh J.E. and Pak C.Y.C.: Metabolic effects of thiazide and 1,25-(OH)₂ vitamin D in postmenopausal osteoporosis. *Osteoporosis Int*; 4: 209-

214, 1993.

2. **Zisman A.**, Peroni O.D., Abel E.D., Michael M.D., Mauvais-Jarvis F., Lowell B.B., Wojtaszewski J.F.P., Hirshman M.F., Virkamaki A., Goodyear L.J., Kahn C.R. and Kahn B.B.: Targeted disruption of the GLUT4 glucose transporter selectively in muscle causes insulin resistance and glucose intolerance. *Nature Med*; 6: 924-928, 2000.
3. Mauvais-Jarvis F., Virkamaki A., Michael M.D., Winnay J.N., **Zisman A.**, Kulkarni R.N. and Kahn C.R.: A model to explore the interaction between muscle insulin resistance and β -cell dysfunction in the development of type 2 diabetes. *Diabetes*; 49: 2126-2134, 2000.
4. Kim J.K., **Zisman A.**, Fillmore J.J., Peroni O.D., Kotani K., Perret P., Zong H., Dong J., Kahn C.R., Kahn B.B. and Shulman G.I.: Glucose toxicity and the development of diabetes in mice with muscle-specific inactivation of GLUT4. *J. Clin. Invest*; 108: 153-160, 2001.
5. Zheng F., Plati A.R., Potier M., Schulman Y., Berho M., Banerjee A., Leclercq B., **Zisman A.**, Striker L.J. and Striker G.E.: Resistance to glomerulosclerosis in B6 mice disappears after menopause. *Am. J. Pathol*; 162: 1339-1348, 2003.
6. Zheng F., Cornacchia F., Schulman I., Banerjee A., Cheng Q.L., Potier M., Plati A.R., Berho M., Elliot S.J., Li J., Fornoni A., Zang Y.J., **Zisman A.**, Striker L.J., Striker G.E.: Development of albuminuria and glomerular lesions in normoglycemic B6 recipients of db/db mice bone marrow: the role of mesangial cell progenitors. *Diabetes*; 53: 2420-2427, 2004.
7. Kim Y.B., Peroni O.D., Minokoshi Y., Aschenbach W.G., **Zisman A.**, Goodyear L.J. and Kahn B.B.: Muscle-Specific Deletion of the Glut4 Glucose Transporter Alters Multiple Regulatory Steps in Glycogen Metabolism. *Mol. Cell. Biol.*; 25: 9713-23, 2005.
- 8.

Other works, publications and abstracts:

1. Torres J.R., **Zisman A.**, DiJohn D. and Sulzer A.J.: Immune response to plasmodial antigens and splenomegaly in a highly endemic Amerindian community of Venezuela (Abstract). *Am J Trop Med Hyg*, 45 (suppl), 141-142 (1991). Presented at the Annual Meeting of the American Society of Tropical Medicine and Hygiene, 1991.
2. **Zisman A.**, Peroni O.D., Abel E.D., Michael M.D., Ilany J., Lowell B.B., Kahn C.R. and Kahn B.B.: Muscle-specific knock out of GLUT4 results in glucose intolerance and insulin resistance. (Abstract 0043). *Diabetes*, 48 (suppl 1), A10-A11 (1999). Oral presentation at the 1999 Annual Meeting of the American Diabetes Association, June 1999.
3. Kahn B.B., Peroni O.D., **Zisman A.**, Michael M.D., Lowell B.B., Kahn C.R. and Abel E.D.: Tissue-specific knock out of the GLUT4 glucose transporter using cre-loxP gene targeting. Presented at the Annual Meeting of the Japan Diabetes Society, May 1999.
4. Kim J.K., **Zisman A.**, Peroni O.D., Kahn B.B., Kahn C.R. and Shulman G.I.: Transgenic mice lacking GLUT4 in muscle are severely insulin resistant due to decreased insulin-stimulated glucose transport in skeletal muscle. (Abstract 418). Proceedings of the meeting Diabetes mellitus: Molecular mechanisms, genetics and prospects for new therapy (Keystone Symposia), February 2000.
5. Peroni O.D., **Zisman A.**, Wojtaszewski J.F.P., Hirshman M.F., Abel E.D., Goodyear L.J. and Kahn B.B.: Exercise capacity is impaired in mice with muscle-specific GLUT4 knock out but is normal with cardiac-specific GLUT4 knock out. (Abstract 48-OR). *Diabetes*, 49 (suppl 1), A12 (2000). Oral presentation at the 2000 Annual Meeting of the American Diabetes Association,

June 2000.

6. Kim Y-B., Peroni O.D., **Zisman A.**, Kim J.K. and Kahn B.B.: Muscle-specific knock out of GLUT4 down-regulates insulin signaling. (Abstract 1003-P). *Diabetes*, 49 (suppl 1), A242 (2000). Oral presentation at the 2000 Annual Meeting of the American Diabetes Association, June 2000
7. Schulman I., Zheng F., Plati A.R., **Zisman A.**, Potier M., Elliot S.J., Leclercq B., Striker G.E., Striker L.J.: The C57BL/6J db/db mouse as a model of diabetic glomerulosclerosis in normotensive, obese type 2 diabetic subjects. (Abstract SU-P0335). *J Am Soc Nephrol*, 13, 536A (2002). Presented at the 35th Annual Meeting of the American Society of Nephrology, Philadelphia, 2002.
8. Schulman I., Zheng F., Plati A.R., Fornoni, A., Potier M., **Zisman A.**, Leclercq B., Striker L.J., Striker G.E.: Diabetic glomerulosclerosis is transmitted by bone marrow-derived mesangial cell progenitors from diabetic to non-diabetic mice. (Abstract SU-FC218). *J Am Soc Nephrol*, 13, 45A, 2002. Presented at the 35th Annual Meeting of the American Society of Nephrology, Philadelphia, 2002.
9. Kim Y.B., Peroni O.D., Minokoshi Y., Aschenbach W.G., **Zisman A.**, Goodyear L.J. and Kahn B.B.: Paradoxically increased glycogen content in muscle-specific GLUT4 knock out mice may be due to increased levels of glycogen-targeting subunits. (Abstract 1291-P). *Diabetes*, 51 (suppl 2), A316 (2002). Presented at the 2002 Annual Meeting of the American Diabetes Association, June 2002.
10. **Zisman A.**, Pons M., Striker L.J., Striker G.E.: Relationship between the Rate of Glucose Uptake by Mesangial Cells and the Susceptibility to Diabetic Nephropathy. Presented at the American Diabetes Association's 63rd Scientific Sessions, New Orleans, Louisiana, June, 2003.
11. Tanenberg R., **Zisman A.**, Stewart J.: Glycemia Optimization Treatment (GOT): Glycemic Control and Rate of Severe Hypoglycemia For 5 Different Dosing Algorithms of Insulin Glargine in Patients with Type 2 Diabetes Mellitus. Presented at the American Diabetes Association's 65th Scientific Sessions, Washington, D.C., June 2006.
12. **Zisman A.**, Tanenberg R., Stewart J.: Glycemia Optimization Treatment (GOT): Glycemic Control and Rate of Severe Hypoglycemia For 5 Different Dosing Algorithms of Insulin Glargine in Patients with Type 2 Diabetes Mellitus. Presented at the 42nd Annual Meeting of the European Association for the Study of Diabetes (EASD), Copenhagen, Denmark, September 2006.
13. **Zisman A.**, Vlajnic A., Zhou R.: The BeAM factor: An easy-to-determine, objective, clinical indicator for deciding when to add prandial insulin to basal insulin in type 2 diabetes. Presented at the 47th Annual Meeting of the European Association for the Study of Diabetes (EASD), Lisbon, Portugal, September 2011.
14. Kress S., Siegmund T., Pfohl M., Forst T., Borck A., Seufert A., Brath H., Wascher T., **Zisman A.**: BeAM: a practical indicator for initiation and intensification of prandial therapy. Presented at the 50th Annual Meeting of the European Association for the Study of Diabetes (EASD), Vienna, Austria, September 2014.
15. Kress S., Borck A., **Zisman A.**, Siegmund T.: The difference between bedtime and pre-breakfast blood glucose (BeAM) indicates the need for initiation and intensification of prandial therapy. Accepted for presentation at the American Diabetes Association's 75th Scientific Sessions, Boston, MA, June 2015.

16. Kress S., Borck A., **Zisman A.**, Siegmund T.: Patient and Treatment Related Characteristics of Patients with a Lower Bedtime Compared with Higher Prebreakfast Blood Glucose Levels—The Impact of a Negative BeAM Value in Patients on A Basal Insulin Supported Oral Therapy. Accepted for presentation at the American Diabetes Association's 75th Scientific Sessions, Boston, MA, June 2015.
17. Siegmund T., Kress S., Borck A., **Zisman A.**: The difference between bedtime and pre-breakfast blood glucose (BeAM) indicates the need for initiation and intensification of prandial therapy in patients receiving basal-supported oral therapy. Accepted for presentation at the 51st Annual Meeting of the European Association for the Study of Diabetes (EASD), Stockholm, Sweden, September 2015.

Other works submitted for publication:

1. **Zisman A.**, Morales F., Stewart J., Stuhr A., Vljajnic A., Zhou R.: The BeAM value: an indicator for the need to target postprandial glucose excursions in patients with type 2 diabetes using basal insulin. Submitted for publication to *Clinical Diabetes* on April 15, 2015.

V. PROFESSIONAL

22. Funded Research Performed:

Sanofi-Aventis Pharmaceuticals Research Grant; **PI: Ariel Zisman**

Investigator-Initiated Study Protocol

35% funded effort

\$117,703 (direct); \$28,751 (indirect); \$146,454 (total)

11/15/05 – 11/15/06

Title: Comparative Trial Between Insulin Glargine Plus Supplemental Glulisine (Apidra®) Versus Sliding Scale Regular Insulin In Hospitalized Patients With Type 2 Diabetes

American Heart Association; **PI: Ariel Zisman**

14% funded effort

\$109,092 (direct); \$10,908 (indirect); \$120,000 (total)

07/01/02-06/30/04

Title: Glucose Uptake by Mesangial Cells and Susceptibility to Diabetic Nephropathy

University of Miami, Physician-Scientist Development Grant; **PI: Ariel Zisman**

75% funded effort

\$433,482 (direct); no indirect; \$433,482 (total)

07/01/02-06/30/05

Title: Glucose Uptake by Mesangial Cells and Susceptibility to Diabetic Nephropathy

23. Editorial responsibilities

2000-pres. Ad hoc Reviewer, Diabetes, Journal of the American Diabetes Association

2001-pres. Ad hoc Reviewer, Diabetes Research and Clinical Practice, Journal of the International Diabetes Federation

2005-2010 Ad hoc Reviewer, Endocrine Practice, Journal of the American College of Endocrinology

2006-2009 Ad hoc Reviewer, American Journal of the Medical Sciences

24. Professional and Honorary Organizations

American Diabetes Association, Member 2001.

American Association of Clinical Endocrinologists, Member, 2000.

Endocrine Society, Associate Member, 1999.

American College of Physicians / American Society of Internal Medicine (ACP/ASIM). Member, 2000. Associate Member, 1997.

25. Honors and Awards

Best Doctors in America, 2005-2014 Editions.

Physician-Scientist Development Grant Award, University of Miami School of Medicine, Department of Medicine, Miami, Florida, 2002.

American Diabetes Association Travel Award, 59th Annual Meeting of the American Diabetes Association, San Diego, California 1999.

“John S. Miller” Award for outstanding performance as a House Officer. University of Texas Southwestern Medical School, Dallas, Texas, June 1997

Magna Cum Laude. Graduated at the top 1% of class (ranked 2nd of 236).
Universidad Central de Venezuela, Caracas, Venezuela, June 1993.

“Dr. Jose Izquierdo” Award for excellence in anatomy courses.
Universidad Central de Venezuela, Caracas, Venezuela, 1990.

Scholarship Award, “Bessie F. Lawrence” Summer Science Institute,
Weizmann Institute of Science, Rehovot, Israel, 1984.

26. Post-Doctoral Fellowships

1997-2000 Clinical and Research Fellow, Longwood Area Combined Endocrinology, Diabetes & Metabolism Training Program (Joslin Diabetes Center, Beth Israel Deaconess Medical Center, Brigham and Women’s Hospital and Children’s Hospital).
Department of Medicine, Harvard Medical School, Boston, Massachusetts

27. Other Professional Activities

Invited Lectures:

2011-2015 Update in process

Plenary Lecture on “The Rabbit 2 Study: Implications in Management of Diabetes in Hospitalized Patients”. Hotel Sheraton Convention Center, San Juan, Puerto Rico. May 5, 2011

Medical Grand Rounds, UDH, Centro Medico. “Inpatient Management of Diabetes Mellitus”, San Juan, Puerto Rico. May 4, 2011

American Diabetes Association 16th Annual Conference on Diabetes Mellitus “*Diabetes Management*

in a Primary Care Setting". "Inpatient Management of Diabetes", Hyatt/James Knight Center, Miami FL. March 16, 2007.

South Broward Dental Society. "Diabetes and Periodontal Disease", Hollywood, FL. February 21, 2007.

"Endocrinology Section" – ACP Preparation for Recertification in Internal Medicine. Sheraton World Resort, Orlando, FL. February 15, 2007.

University of Miami School of Medicine, Department of Medicine, "*Advances in Medicine 2007*" Postgraduate Course. "*Inpatient Management of Diabetes*", Wyndham Grand Bay Hotel, Miami, FL. January 24, 2007.

Keck School of Medicine, University of Southern California, VIII Intensive Course on Diabetes, Endocrinology and Metabolic Diseases. "Strategies for Advancing Therapies in Type 2 Diabetes"; "Diabetes Management in the Hospital Setting"; "Screening and Early Treatment of Diabetic Nephropathy". J.W. Marriott Hotel, Miami, FL. December 6-8, 2006.

"Update on Type 2 Diabetes". University of Miami School of Medicine, Dept. of Family Medicine Grand Rounds Series. Miami, FL. December 6, 2006.

"Management of Diabetic Ketoacidosis". Hospitalists Group, Hollywood Memorial Hospital, Hollywood, FL. November 17, 2006.

"Basal Bolus Insulin Approach in the Inpatient and Outpatient Settings". 1er Simposio Cardio-Diabetes. Dominican Society of Cardiology. La Romana, Dominican Republic. October 28, 2006.

"Endocrinology Section" – ACP Preparation for Recertification in Internal Medicine. Sheraton World Resort, Orlando, FL. February 10, 2006.

The Foundation for Better Health Care. Ft. Lauderdale Regional North American Women's Healthcare Forum: "Advancing Therapies to Reach Targets in Type 2 Diabetes". Ft. Lauderdale, FL. November 18, 2005.

The Cleveland Clinic Florida. Internal Medicine Residency Conference. "Basal-Bolus Insulin Therapy". Weston, FL. November 11, 2005.

Venezuelan Society of Endocrinology & the Jose M. Vargas Hospital of Caracas. Symposium on Internal Medicine: "Treatment Goals for Patients with Diabetes Mellitus" and "Early Insulinization in Patients with Type 2 Diabetes. Why? When? and How?". Caracas, Venezuela. October 28, 2005.

University of Miami School of Medicine. Division of Endocrinology, Diabetes and Metabolism. Summer Seminar Series: "Diabetic Ketoacidosis and Hyperosmolar Syndrome". Miami, FL. August, 18, 2005.

University of Miami Department of Family Medicine Residents Lecture – "Update on Type 2 Diabetes". Highland Professional Building, Miami, FL. August 17, 2005.

6th Annual Symposia on Diabetes and Cardiovascular Diseases. Venezuelan Society of the

Endothelium. “Strategies to Intensify Treatment of Type 2 Diabetes”. Caracas, Venezuela. April 1, 2005.

Florida Academy of Family Physicians 93rd Family Medicine Weekend – “Practical Tools for Glycemic Control in Type 2 Diabetes: Introducing Basal/Bolus Insulin Therapy”. Coral Springs Marriott, Coral Springs, FL. February 18, 2005.

“Endocrinology Section” – ACP Preparation for Recertification in Internal Medicine. Renaissance Orlando Resort, Orlando, FL. February 10, 2005.

University of Miami School of Medicine, Department of Medicine 40th Annual Postgraduate Course, “*Internal Medicine Update 2005*”. “Prevention of Cardiovascular Disease in Diabetes”. Miami Beach, FL. January 31, 2005.

XXIII Congreso Nacional de Medicina Interna, sponsored by the Guatemalan Association of Internal Medicine. Lectures: “Early Insulin Use and Preservation of the Beta Cell”; “New Frontiers in the Treatment of Type 2 Diabetes”. Hotel Real InterContinental, Guatemala City, Guatemala. January 26-28, 2005.

VI Intensive Course on Diabetes, Endocrinology and Metabolic Diseases. Lectures: “Metabolic Syndrome”; “Treatment of Dyslipidemias in Diabetes”; “Screening and Early Treatment of Diabetic Nephropathy”. Invited by the Office of Continuing Medical Education, Keck School of Medicine, University of Southern California. J.W. Marriott Hotel, Miami, FL. December 9-12, 2004.

VI Postgraduate Course on Diabetes Mellitus. Lectures: “Treatment of the Young Type 1 Diabetic Patient”; “Dyslipidemia in Diabetes”; “Islet Transplantation vs. Implantable Insulin Infusion Pumps”. Invited by the Centro Medico Docente La Trinidad and the Joslin Diabetes Center. Caracas, Venezuela. October 15-16, 2004.

Excel Continuing Education CME Lecture. “Update on Type 2 Diabetes Treatment”. Colonnade Hotel, Coral Gables, FL. September 14, 2004.

Satellite Symposium to the American Diabetes Association Southern Regional Conference. “Basal/Bolus Insulin Therapy”. Hyatt Regency Atlanta, Atlanta, GA. May 15, 2004.

“Update on Diabetes and Thyroid Diseases”. Florida Keys AHEC. Key West, FL. May 13, 2004.

“Diabetes in the Latino Population”. Semi-Annual Meeting of the GMADE (Greater Miami Association of Diabetes Educators). Diabetes Research Institute, Miami. March 14, 2004.

“Inpatient Management of Diabetes”. University of Miami School of Medicine/Jackson Memorial Hospital, Nursing Staff In-Service, Miami, FL. February 26, 2004.

“Overcoming Barriers to Insulin Therapy in Type 2 Diabetes: Cardiovascular Implications”. Keynote Speaker. Plenary Session at the 3rd Annual Cardiovascular Symposium of the Ana G. Mendez University System. San Juan, Puerto Rico, February 21, 2004.

“Cardiovascular Impact of Insulin Therapy in Type 2 Diabetes”. Invited by the Puerto Rican Society of Endocrinology and Diabetes (SPED). San Juan, Puerto Rico, February 19, 2004.

“Endocrinology Section” – ACP/ASIM Preparation for Recertification in Internal Medicine. Sheraton World Resort, Orlando, FL. February 12, 2004.

“Defining Treatment Goals and Selecting Patients for Insulin Therapy”. Cleveland Clinic of Weston, FL. February 6, 2004.

University of Miami School of Medicine, Department of Medicine 39th Annual Postgraduate Course, “*Internal Medicine Update 2004*”. “Defining Treatment Goals and Selecting Patients for Insulin Therapy”. Miami Beach, FL. January 28, 2004.

“Diabetic Nephropathy”. Invited to give lecture for the “Meet-the-Professor” sessions of the Endocrine Society Meetings in Philadelphia, June 19-22, 2003.

“Treatment of Acute Diabetic Emergencies”. Cedars Medical Center Sixth Annual Diabetes Symposium, Miami, Florida, May 15, 2003

“Basal-Bolus Approach in the Management of Type 2 Diabetes”. Department of Medicine, University of Miami, March 2003

“Diabetic Ketoacidosis: Pathophysiology, Management and Controversies”. Department of Medicine, University of Miami, May 2002

“Therapeutic Alternatives in the Management of Patients with Type 2 Diabetes”. Participant in the “Master Your Diabetes (Domine La Diabetes)” Hispanic patient education program. Diabetes Research Institute, University of Miami, April 2002

“Glucose Uptake by Mesangial Cells and Susceptibility to Diabetic Nephropathy”. Endocrinology Research Seminars, Department of Medicine, University of Miami, March 2002

“Muscle-specific GLUT4 Knockout Mice Emphasize the Critical Role of GLUT4 in Normal Glucose Homeostasis and Muscle Metabolism”. Joslin Diabetes Center Research Seminar, February 2000

“Muscle Glucose Uptake in the Pathogenesis of Type 2 Diabetes. Lessons From a Tissue-Specific Knock Out Mouse”. Diabetes Research Institute, University of Miami, July 1999

Seminars and Postgraduate Courses:

General Coordinator, Endocrinology and Reproductive Systems Course for Sophomores. University of Miami Miller School of Medicine, 2005-2006.

General Coordinator, Endocrinology and Reproductive Systems Course for Sophomores. University of Miami Miller School of Medicine, 2004-2005.

Seminar Instructor, Mechanisms of Disease Course in Endocrinology, Diabetes & Metabolism,

University of Miami School of Medicine

Seminar Instructor, Endocrine Module, University of Miami School of Medicine

Teaching Attending for students, residents and fellows during their rotation on the Endocrinology & Diabetes Consult Service, University of Miami School of Medicine

Attending, Divisional Endocrine Fellows Conference, University of Miami School of Medicine

Seminar Instructor, “Integrated Human Physiology – Endocrinology Section”,
Harvard Medical School, February 2000

Seminar Instructor, “Introduction to Clinical Medicine - Diabetes Special Rounds”, Harvard Medical School, 1999 - 2000

“Extracellular Calcium-Sensing Receptors”. Resident Grand Rounds,
University of Texas Southwestern Medical School, February 1997

“New Frontiers in Vaccine Development”. Resident Grand Rounds,
University of Texas Southwestern Medical School, September 1995

Other Activities:

Rural Physician, Ministry of Health Rural Outpatient Center. Miranda, Venezuela,
June 1993 - June 1994

Co-Founder and Vice-President of the Scientific Society of Medical Students of the Central University of Venezuela (SoCIEM-UCV), Caracas, Venezuela, 1991-1992

Co-Founder, Venezuelan Scientific Society of Medical Students (SoCIVEM), 1991

Subinternship Coordinator, Emergency Department. University Hospital, Universidad Central de Venezuela, Caracas, Venezuela. 1991-1992. (Position won by contest)

VI. TEACHING

28. Teaching Awards Received:

- Student’s Teaching Award for Excellence in Teaching in Medicine, January 2007.

29. Teaching Specialization and Funding

- ❖ Coordinator, 2005-2006 Endocrine Core Curriculum for Internal Medicine Residents. UM School of Medicine, Jackson Medical Center, VA Medical Center.
- ❖ General Coordinator, 2005-2006 Endocrinology and Reproductive System Section for sophomores. UM School of Medicine.

- ❖ General Coordinator, 2004-2005 Endocrinology and Reproductive System Section for sophomores. UM School of Medicine.

INVESTIGATORS NAME:Luigi Meneghini, M.D. and Ariel Zisman, M.D.

AGENCY: Southeastern Florida Regional Diabetes Program

ROLE ON PROJECT: Co-Primary Investigator

GRANT: 91260

TITLE: University of Miami/Southeastern Florida Regional Diabetes Program

AWARD DATES: 07/01/03 – 06/30/04

CURRENT STATUS: Inactive

PROJECT: Practical Tools for Glycemic Control in Type 2 Diabetes: Basal/Bolus Insulin Therapy (CME Programs)

AIM: To educate and update primary care providers in Florida on the use of new insulin therapies and strategies. Assess the impact of the educational intervention through baseline and follow-up participant surveys.

Funded by: Novo Nordisk Pharmaceuticals

2003 Accomplishments: This course was delivered in Miami-Dade County, Broward County, Palm Beach, Ft. Myers, Tampa, Orlando and Pensacola. There were approximately 180 participants.

30. Thesis and Dissertation Advising/Post-doctoral student supervision

2002-2004. Mentor to Postdoctoral Fellow: Marianne Pons, Ph.D.

VII. SERVICE

31. University Committee and Administrative Responsibilities

2002 Organization of the Divisional Weekly Case Presentations in Endocrinology, Diabetes and Metabolism and the Endocrinology Fellow Lecture Series

2002-2004. Vascular Biology Institute Representative to the Professional Development for Junior Faculty Steering Committee