

**LOIS JOVANOVIĆ, MD**

**Born:** Minneapolis, Minnesota

**Citizenship:** The United States of America

**Present Position:** CEO & Chief Scientific Officer  
Sansum Diabetes Research Institute

**Address:** Sansum Diabetes Research Institute  
2219 Bath Street  
Santa Barbara, California 93105

**Telephone:** (805) 682-7640 x 227  
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**Licensed:** New York State: A-123409  
California State: G-057610

**BNDD:** BJ 0518021

**Education:**

Columbia University, New York, New York, 1969, B.S., Biology  
Jewish Theological Seminary, New York, NY, B.H.L, 1968; Hebrew Literature  
Jewish Theological Seminary, New York, NY, M.H.L., 1970, Hebrew Literature  
Albert Einstein College of Medicine, Bronx, NY, M.D., 1973, Medicine

**Training:**

Intern, Internal Medicine, The New York Hospital, Cornell University Medical College, 1973-1974  
Junior Resident, Internal Medicine, The New York Hospital, Cornell University Medical College, 1974-1975  
Senior Resident, Internal Medicine, The New York Hospital, Cornell University Medical College, 1975-1976  
Fellow in Endocrinology and Metabolism, Cornell University Medical College, 1976-1978

**Awards and Honors:**

AOA  
Andrew W. Mellon Teacher Scientist Award, 1978  
Honorary Member, The Diabetes Treatment Centers of America Foundation, Advisory Board  
Outstanding Teacher of the Year, The Santa Barbara Cottage Hospital, 1990, 1991, 1992, 1994, 1995, 1997, 1998, 2001, 2005, 2008  
The Clintec Award for Excellence in Clinical Nutrition, The American College of Nutrition, 1992  
Santa Barbara Diabetes Association Tribute Dinner Awardee - 1992  
Diabetes and Pregnancy Study Group of the European Association for the Study of Diabetes, Honorary Member - 1989-Present  
Member of the Royal Academy of Medicine, Spain- 1994  
Woman of Distinction Award in the Field of Health- Soroptomist International, 1994  
Distinguished Physician Award, Santa Barbara Cottage Hospital, 1994

American Diabetes Association Outstanding Physician Clinician Award, 1995  
 Tres Condados Woman of Distinction Award in the Field of Health, 1996  
 The Alcohol and Drug Abuse Council Woman of Distinction Award, 1996  
 The Pfizer Visiting Scholar Award, Temple University School of Medicine, 1997  
 The Pfizer Visiting Scholar Award, University of Texas Health Science Center at Houston, 1998  
 Roche Diagnostics/The Zitter Group Diabetes Disease Management Leadership Award, 1998  
 The Norbert Freinkel Award for Scholarship in the Field of Diabetes and Pregnancy, The American Diabetes Association, 2001  
 The Robert and Ray Kroc Lecturer Uppsala, Sweden, 2002.  
 The Women's Economic Ventures, Business Women of the Year Awards: Professional Services, 2002  
 The March of Dimes Agnes Higgins Award to Honor Distinguished Achievement in Maternal-Fetal Nutrition, 2003  
 The Albert Einstein College of Medicine Distinguished Alumnae Award, Year 2003  
 The Robert and Ray Kroc Lectureship, Ohio State University, Columbus Ohio, 2004  
 The Santa Barbara Neighborhood Clinics Community Hero - 2005  
 2006 Josiah Kirby Lilly, Sr., Distinguished Service Award from the American Diabetes Association  
 The Jorgen Pedersen Lecturer 2007, (Lifetime Achievement Award) from the Diabetic Pregnancy Study Group of the European Association for the Study of Diabetes.  
 American Medical Association Women Physicians Congress Physician Mentor Recognition Award Program Award 2007  
 The Mount Sinai School of Medicine Second Annual Stanley Mirsky Award, 2008  
 Master of the American College of Endocrinology, ACE, 2009  
 Top 50 Women in Business – Special Recognition Science and Technology, Pacific Coast Business Times, April 2, 2009, Santa Barbara, CA

**Past Appointments:**

Instructor in Medicine, Cornell University Medical College, 1978-1979  
 Assistant Attending Physician, The New York Hospital, 1978-1985  
 Assistant Professor of Medicine, Cornell University Medical College, 1979-1985  
 Associate Clinical Professor of Medicine, Cornell University Medical College, 1985-1986  
 Assistant Professor in Obstetrics/Gynecology, Cornell University Medical College, 1979-1985  
 Associate Professor in Obstetrics/Gynecology, Cornell University Medical College, 1985 -1986  
 Guest Investigator, Rockefeller University, 1977-1978  
 Assistant Adjunct Professor, Rockefeller University, 1979-1985  
 Assistant Physician, Rockefeller University Hospital, 1977-1980  
 Associate Physician, Rockefeller University Hospital, 1980-1985  
 Associate Director, Clinical Research Center, New York Hospital - Cornell University Medical Center, 1980-1985  
 Guest Investigator, Sansum Medical Research Foundation, 1984-1985  
 Senior Scientist, Sansum Medical Research Foundation, 1985-1996  
 Associate Adjunct Professor of Medicine, University of California, Irvine, 1986-1988  
 Clinical Associate Professor of Medicine, University of Southern California - Los Angeles Medical Center, 1986-1989  
 Faculty, University of Barcelona, Spain, Sabbatical, 1994  
 Co-Director, Nutrition Support Team, Santa Barbara Cottage Hospital, 1990-1996  
 Director, The Diabetes Program, Cottage Hospital, Santa Barbara California, 1987-1996  
 Chief, Division of Endocrinology, Santa Barbara Cottage Hospital, 1992-1996  
 Vice-Chair, Department of Medicine, Santa Barbara Cottage Hospital, 1994-1997  
 Chair, Peer Review, Department of Medicine, Santa Barbara Cottage Hospital, 1994-1997

Chair, Department of Medicine, Santa Barbara Cottage Hospital,  
1996-1998

Past Chair, Department of Medicine, Santa Barbara Cottage Hospital, 1998-2000

**Present Positions:**

CEO & Chief Scientific Officer, Sansum Diabetes Research Institute, 1996- Present

Clinical Professor of Medicine, University of Southern California-Los Angeles Medical Center,  
1989-Present

Faculty in Internal Medicine, Santa Barbara Cottage Hospital, Santa Barbara, 1986-Present

Attending Physician, The Santa Barbara County Diabetes /Endocrine Clinic, 1987- Present

Adjunct Professor of Chemical Engineering and Biomolecular Science and Engineering Program,  
University of California Santa Barbara, 2001-Present

Member, California State Legislative Task Force on Diabetes and Obesity August 2007

Chair, University of California-Santa Barbara Embryonic Stem Cell Research Oversight  
Committee 2005 - present

**Santa Barbara Cottage Hospital or Medical Society Committees:**

Member, Santa Barbara Cottage Hospital Program Assessment and Development Committee,  
1992-1994

Member, Santa Barbara Cottage Hospital Medical Executive Committee, 1994-2001

Member, Santa Barbara Cottage Hospital Quality Improvement Committee, 1994-2001

Member, Santa Barbara Cottage Hospital Medical Library Committee, 1995-2001

Member, Santa Barbara Medical Society Legislative Committee, 1993-2001

Member, Santa Barbara Cottage Hospital Medical Executive Committee, 1994-2001

Member, Santa Barbara County Medical Society, Continuing Medical Education Committee,  
1996-Present

Member, Psychiatric Services Advisory Board, Santa Barbara Cottage Hospital, 1993-Present

Member, Medical Education Committee, Dept. of Medicine, Santa Barbara Cottage Hospital,  
1992-Present

**Editorial Boards:**

Associate Editor, Diabetes Care, 2001-2008

Editorial Board, Diabetes Care, 1982-1990 and 2000 -2002

Editorial Board, Journal of Diabetic Complications, 1984-1990

Editorial Board, Diabetes Educator, 1984-1991

Editorial Board, Clinical Pharmacology and Therapeutics, 1985-2001

Co-Editor of the Diabetes Professional, 1988-1991

Editorial Board, The Non-Periodical Publication Review Panel, American Diabetes Association,  
1992-1998

Editorial Advisory Board, American Diabetes Association, 1996-2000

Editorial Board, Diabetes Self-Management, 1984-Present

Editorial Board, Human Sexuality, 1984-Present

Special Editor, Endocrine Practice, Journal of the American Association of Clinical  
Endocrinology, 1994-Present

Contributing Editor, Journal of the American College of Nutrition, 1993- Present

Editorial Board, American Journal of Perinatology, 1992-Present

**Advisory or Elected Positions:**

Advisory Board: National Diabetes Research Exchange, The Juvenile Diabetes Foundation, 1984-  
present

Advisory Board: National Kidney Foundation, 1986-1990  
 Secretary-Treasurer of the Council on Diabetic Kidney Disease, National Kidney Foundation, 1989-1990  
 Board of Directors, Leake & Watts Children's Home, 1984-1986  
 Board of Directors, Diabetes Treatment Centers of America, 1984- 1988  
 Board of Directors, Santa Barbara Chapter, California Affiliate, American Diabetes Association, 1988-1996  
 President, Santa Barbara Chapter, American Diabetes Association-California Affiliate, American Diabetes Association, 1990-91  
 Board of Directors, The California Affiliate, American Diabetes Association, 1990-1997  
 Board of Directors, Western Region, American Diabetes Association, 1997-present  
 Board of Directors, National Board, American Diabetes Association, 1998-Present  
 Chair, The Patient Education Committee, California Affiliate, American Diabetes Association, 1990-1992  
 Chair, The Camp and Youth Council, California Affiliate, American Diabetes Association, 1993-1994  
 Vice-Chair of the Pregnancy and Diabetes Council of the American Diabetes Association, 1985-1986  
 Chair, Pregnancy and Diabetes Council of the American Diabetes Association, 1986-1988  
 Past President of the Pregnancy Council, American Diabetes Association, 1988-1992  
 Chair, Pregnancy Council, American College of Nutrition, 1988-Present  
 Secretary, Board of Directors, The California Affiliate, American Diabetes Association, 1992-93  
 Vice President, Board of Directors, The California Affiliate, American Diabetes Association, 1993-1994  
 President, Board of Directors, The California Affiliate, American Diabetes Association, 1994-1996  
 Immediate Past President, American Diabetes Association, California Affiliate, 1996-1997  
 Board of Directors, The American College of Endocrinology, 2002-2005  
 Board of Directors, American Association of Clinical Endocrinologists, 2001-Present  
 President, Board of Directors, Santa Barbara State Street Ballet, 2001-Present  
 The Pfizer Visiting Professor Program in Diabetes Academic Advisory Board, 2002-present  
 Board of Directors, The Society of Experimental Biology and Medicine. 2005-2008  
 Chair, The Society of Experimental Biology and Medicine Mentor Award Program 2005-2008

**Board Qualifications:**

American Board of Internal Medicine, 1976  
 Subspecialty Boards: Endocrinology and Metabolism, 1979

**Professional Societies:**

American College of Physicians, Fellow  
 American College of Nutrition, Fellow  
 American College of Endocrinology, Master  
 New York Academy of Medicine, Fellow  
 American Federation of Clinical Research, Member  
 Endocrine Society, Fellow  
 American Diabetes Association, Member  
 Council on Diabetes and Pregnancy, American Diabetes Association  
 Society for Endocrinology, Metabolism and Diabetes of South Africa, Member  
 Sigma XI, Member  
 Society for Experimental Biology and Medicine, Member and Trustee of the Board of Directors  
 National Kidney Foundation, Member

Society of Obstetric Medicine, Member  
Diabetes and Pregnancy Study Group - West, Founding Member  
European Association for the Study of Diabetes (#950035), Member  
International Advisory Council, Fundación Diabetes, Endocrinología y Metabolismo, Member  
Diabetes and Pregnancy Study Group of the EASD, Honorary Member


### **PRIMARY PUBLICATIONS**

- 1.** Jovanovič L, Siegel D.: The biblical laws of childbirth, a medical view. *J. Ancient Semitic Languages* 23:54-75, 1969.
- 2.** Jovanovič L, Landesman R, Saxena BB: Screening for twins. *Science* 198:33, 1977.
- 3.** Jovanovič L, Dawood Y, Landesman R, Saxena BB: The hormonal profile in early threatened abortion. *Am J Obstet Gynecol* 130:274-278, 1978.
- 4.** Peterson CM, Kalan G, Jovanovič L, Jovanovič R: Correlation of minor hemoglobin components in cord blood with fetal maturation. *Am J Obstet Gynecol* 135:85-88, 1979.
- 5.** Jovanovič L, Peterson CM, Saxena BB, Dawood MY, Saudek CD: Feasibility of maintaining euglycemia in insulin-dependent diabetic women. *Am J Med* 68:105-112, 1980.
- 6.** Jovanovič L, Druzin M, Peterson CM: The effect of euglycemia on the outcome of pregnancy in insulin-dependent diabetics as compared to normal controls. *Am J Med* 71:921-927, 1981.
- 7.** Inman RD, Jovanovič L, Markenson JA, Longcope C, Dawood MY, Lockshin MD: Systemic lupus erythematosus in men: genetic and endocrine features. *Arch Intern Med* 142:1813-1815, 1982.
- 8.** Mills JL, Rishl AR, Knopp RH, Ober CL, Jovanovič L, Polk BF: Malformations in infants of diabetic mothers: Problems in study design. *Preventative Medicine* 12:274-286, 1983.
- 9.** Li TCM, Reed CE, Stubenbord WT, Jr, Ettinghausen S, Peterson CM, Poffenbarger PL, Jovanovič L: Surgical cure of hypoglycemia associated with cystosarcoma phyllodes and elevated non suppressible insulin-like protein (NSILP). *Am J Med* 74:1080-1084, 1983.
- 10.** Jovanovič L, Peterson CM: Insulin and glucose requirements during the first stage of labor in insulin-dependent diabetic women. *Am J Med.* 75:607-612, 1983.
- 11.** Notterman RB, Jovanovič L, Peterson R, Solomon G, Druzin M, Peterson CM: Spontaneous hypoglycemic seizures in pregnancy: A manifestation of panhypopituitarism. *Arch Int Med* 144: 189-191, 1984.

- 12.** Peterson CM, Jovanovič L, Raskin P, Goldstein DE: A comparative evaluation of glycosylated haemoglobin assays: Feasibility of references and standards. *Diabetologia* 26:214-217, 1984.
- 13.** Jovanovič LG, Mills JL, Peterson CM: Anti-insulin titers do not influence control or insulin requirements in early pregnancy. *Diabetes Care* 7:68-71, 1984.
- 14.** Holden KP, Jovanovič L, Druzin ML, Peterson CM: Increased fetal activity with low maternal blood glucose levels in pregnancies complicated by diabetes. *Am J. Perinat* 1:161-164, 1984.
- 15.** Jones RL, Jovanovič L, Forman S, Peterson C.M: The time course of reversibility of accelerated fibrinogen disappearance in diabetes mellitus: association with intravascular volume shifts. *Blood* 63:22-30, 1984.
- 16.** Jovanovič R, Jovanovič L: Obstetric management when normoglycemia is maintained in diabetic pregnant women with vascular compromise. *Am J Obstet Gynecol* 149:617-623, 1984.
- 17.** Peterson CM, Jones RL, Drexler AJ, and Jovanovič L: A randomized comparative crossover evaluation of glucose monitoring technologies. *Diabetes Research* 1:195-199, 1984.
- 18.** Peterson CM, Jovanovič L: Evaluation of a new blood glucose monitoring system: Importance of appropriate reference system. *Diabetes Care* 6:610-611, 1984.
- 19.** Jovanovič L, Kessler A, Peterson CM: Human maternal and fetal response to graded exercise. *J Appl Physiol* 58:1719-1722, 1985.
- 20.** Chanoch L, Jovanovič L, Peterson CM: The computer as an aid to insulin delivery in Type I diabetes mellitus. *Diabetes Care* 8:172-176, 1985.
- 21.** Jovanovič L, Peterson CM: Screening for gestational diabetes: Optimal timing and criteria for retesting. *Diabetes* 34, (Suppl. 2):21-23, 1985.
- 22.** Castracane VD, Jovanovič L, Mills JL: The effect of euglycemia prior to conception on early pregnancy hormonal profiles. *Diabetes Care* 8:473-476, 1985.
- 23.** Lockshin M, Druzin M, Goei T, Quamer T, Magid M, Jovanovič L, Frenc N: Antibodies to cardiolipid predicts fetal distress or death in patients with Systemic Lupus Erythematosus. *N Eng J Med* 313:152-156, 1985.
- 24.** Landis B, Jovanovič L, Landis E, Peterson CM, Groshen S, Johnson K, Miller NE: Effect of stress reduction on daily glucose range in previously stabilized insulin-dependent diabetic patients. *Diabetes Care* 8:624-626, 1985.

- 25.** Goldweit R, Drexler A, Borer JS, Jacobstein J, Devereux R, Hochreiter C, Jovanovič L, McDermot K, Peterson CM: Glucose control and cardiac function in young diabetic patients. *Am J Cardiol* 56:642-646, 1985.
- 26.** Peterson CM, Jovanovič L, Chanoch L: A randomized trial of computer assisted insulin delivery in Type I diabetic patients beginning pump therapy. *Am J Med* 81:63-68, 1986.
- 27.** The DCCT Research Group: The Diabetes Control and Complications Trial (DCCT): Design and Methodological Considerations for the Feasibility Phase. *Diabetes* 35:530-545, 1986.
- 28.** Ostertag S, Jovanovič L, Lewis B, Auld P: Insulin infusion therapy for low birth weight infants. *Pediatrics* 78:625-630, 1986.
- 29.** Nelson M, Jovanovič L: The challenge for a diabetic pregnant woman who keeps kosher. *Journal of the American Dietetic Association* 87:1054-1057, 1987.
- 30.** Jovanovič L, Singh M, Saxena BB, Mills JL, Tulchinsky D, Lewis L, Simpson JL, Metzger BE, Labarbera A, Aarons J H, Van Allen M, and the NICHD-DIEP Study Group : Verification of Early Pregnancy Tests in a Multicenter Trial. *Proc Soc Exper Biol Med* 184,201-205, 1987.
- 31.** Jovanovič L, Peterson CM: Towards Normoglycemia: Studies in Computer Assisted Insulin Delivery. *The Diabetes Educator* 13:302-305, 1987.
- 32.** The DCCT Research Group: Diabetes Control and Complications Trial (DCCT): Results of Feasibility Study. *Diabetes Care* 10:1-19, 1987.
- 33.** Formby B, Schmid-Formby F, Jovanovič L, Peterson CM: The Offspring of the Female Diabetic "Non-obese Diabetic" (NOD) Mouse Are Large for Gestational Age and Have Elevated Pancreatic Insulin Content: A New Animal Model of Human Diabetic Pregnancy. *Pro Soc Exper Biol Med* 184, 291-294, 1987.
- 34.** Levin PA, Jovanovič L, Chalew SA, Martin L, Pitarra DK, Kim F, Kowarski A: Linugliride Fumarate, Representing a new class of oral hypoglycemic agent for diabetes. *Clinical Pharmacology and Therapeutics* 42:498-503, 1987.
- 35.** The DCCT Research Group: Effects of age, duration and treatment of insulin-dependent diabetes mellitus on residual beta cell function: observations during eligibility testing for diabetes control and complications trial (DCCT). *J Clin Endocrinol Metab* 65:30-36, 1987.
- 36.** Simpson JL, Mills JL, Holmes LB, Ober C, Aarons JH, Jovanovič L, Knopp RH and the DIEP: Low fetal loss rates following ultrasound-proved viability in early pregnancy. *JAMA* 18:2555-2557, 1987.

- 37.** The DCCT Research Group: Color Photography vs Fluorescein Angiography in the Detection of Diabetic Retinopathy in the Diabetes Control and Complications Trial. *Arch Ophthalmol* 105:1344-1351,1987.
- 38.** Mills JL, Knopp RH, Simpson JL, Jovanovič L, Metzger BE, Holmes LB, Aarons JH, Brown Z, Reed G, Bieber F, Van Allen M, Holtzman I, Ober C, Peterson CM, Withiam MJ, Duckles AE, Mueller-Heubach E, Polk BF, and the NICHD-DIEP: Lack of Relation Between Malformation Rates in Infants of Diabetic Mothers to Glycemic Control During Organogenesis. *N Engl J Med* 318:671-676,1988.
- 39.** Jovanovič L, Peterson CM: *DeNovo* Hypothyroidism in Pregnancies Complicated by Type I Diabetes and Proteinuria: A New Syndrome. *Am J Obstet Gynecol* 159:441-446, 1988.
- 40.** Bracero L Jovanovič L, Rochelson B, Bauman W, Farmakides G: The Significance of Umbilical and Uterine Artery Velocimetry in the Well Controlled Pregnant Diabetic Woman. *J Reproduct Med* 34:273-276, 1989.
- 41.** Braunstein GD, Mills JL, Reed GF, Jovanovič L, Holms LB, Aarons JH, Simpson JL: Comparison of Maternal Placental Protein Hormone Levels Between Diabetic and Normal Pregnancy. *Journal of Endocrinology and Metabolism* 68:3-8,1989.
- 42.** The DCCT Research Group: Factors in Development of Diabetic Neuropathy, Baseline Analysis of Neuropathy in Feasibility Phase of Diabetes Control and Complications Trial (DCCT). *Diabetes* 4: 476-481, 1988.
- 43.** The DCCT Research Group: Feasibility of Centralized Measurements of Glycated Hemoglobin in the Diabetes Control and Complications Trial: A Multicenter Study. *Clinical Chemistry* 12: 2267-2271, 1987.
- 44.** The DCCT Research Group: Are Continuing Studies of Metabolic Control and Microvascular Complications in Insulin-Dependent Diabetes Mellitus Justified? The Diabetes Control and Complications Trial. *N Engl J Med* 318: 246-250, 1988.
- 45.** Mills JL, Simpson JL, Driscoll SG, Jovanovič L, Van Allen M, Aarons JH, Metzger BE, Bieber FR, Knopp RH, Holms LB, Peterson CM, Withiam-Wilson M, Brown Z, Ober C, Harley E, Macpherson TA, Duckles AE, Mueller-Heubach E, and The National Institutes of Child Health and Human Development-Diabetes In Early Pregnancy Study: Incidence of Spontaneous Abortion Among Normal Women and Insulin Dependent Diabetic Women Whose Pregnancies were Identified Within 21 Days of Conception. *N Engl J Med* 319:1617-23, 1988.
- 46.** The DCCT Research Group: Weight Gain Associated With Intensive Therapy in the Diabetes Control and Complications Trial. *Diabetes Care* 11:567-573, 1988.
- 47.** Jovanovič L, Peterson CM, Dudley JD, Kilo C, Ellis B: Identifying Sources of Error in Self Monitoring of Blood Glucose. *Diabetes Care* 11:791-793,1988.

- 48.** Peterson CM, Jovanovič L, Formby F: Rapid Association of Acetaldehyde with Hemoglobin in Human Volunteers after Low Dose Ethanol. *Alcohol* 5:1-4, 1988.
- 49.** The DCCT Research Group: Is there a need for the continuation of the DCCT in 1988? *Diabetes, Nutrition and Metabolism, Clinical and Experimental* 1:151-159, 1988.
- 50.** The DCCT Research Group: Reliability and Validity of a Diabetes Quality of Life Measure for the Diabetes Control and Complications Trial (DCCT). *Diabetes Care* 11:725-732, 1988.
- 51.** Jovanovič L, Peterson, CM: Maternal Milk and Plasma Glucose and Insulin Levels: Studies in Normal and Diabetic Subjects. *J Am Coll Nutr* 8:125-131, 1989.
- 52.** Jovanovič L, Williams K, Brennan M, Rashbaum W, Peterson CM: Studies of Human Fetal Pancreatic Allografts in Diabetic Recipients Without Immunosuppression. *The Journal of Diabetic Complications* 3:27-34, 1989.
- 53.** Simpson JL, Mills, JL, Morey A, Metzger BE, Knopp RH, Holmes LB, Jovanovič L, Aarons JH, Brown Z, Van Allen M, Elias S, and the National Institutes of Child Health and Human Development-Diabetes in Early Pregnancy Group. Drug ingestion during pregnancy: infrequent exposure in a contemporary United States sample. *Am J Perinatol* 6:241-248,1989.
- 54.** Jovanovič L, Durak EP, Peterson CM: Randomized Trial of Diet Versus Diet Plus Cardiovascular Conditioning on Glucose Levels in Gestational Diabetes. *Am J Obstet Gynecol* 161:415-419, 1989.
- 55.** The DCCT Research Group: Implementation of a Multicomponent Process to Obtain Informed Consent in the Diabetes Control and Complications Trial. *Controlled Clinical Trials* 10:83-96,1989.
- 56.** Boone MI, Farber ME, Jovanovič L, Peterson CM: Increased retinal vascular tortuosity in gestational diabetes mellitus. *Ophthalmology* 96:251-254, 1989.
- 57.** Hayashi M, Yablonski ME, Boxrud C, Fong N, Berger C, Jovanovič L. Decreased formation of aqueous humour in insulin-dependent diabetic patients. *Br J Ophthalmol.* Aug;73(8):621-3, 1989.  Comment in: *Br J Ophthalmol.* Apr;75(4):254-5, 1990.
- 58.** Durak EP, Jovanovič L, Peterson, CM: Comparative evaluation of five aerobic machines and their effect on uterine activity during pregnancy. *Am J Obstet Gynecol* 162:754-756, 1990.
- 59.** Durak EP, Jovanovič L, Peterson CM: Randomized crossover study of the effect of resistance training on glycemic control, muscular strength, and cholesterol in type 1 diabetic men. *Diabetes Care* 10:1039-43, 1990.

- 60.** Jovanovič L, Peterson CM, Reed GF, Metzger BE, Mills JL, Knopp RH, Aarons JH: Maternal postprandial glucose levels and infant birth weight: the Diabetes in Early Pregnancy Study. The National Institute of Child Health and Human Development--Diabetes in Early Pregnancy Study. *Am J Obstet Gynecol* 164:103-111, 1991.
- 61.** Kitzmiller JL, Gavin LA, Gin GD, Jovanovič L, Main EK, Zigrang WD: Preconceptional Care of Diabetes: Glycemic Control Prevents Congenital Anomalies. *JAMA* 265: 731-736, 1991.
- 62.** Peterson CM, Scott BK, Jovanovič L: Hemoglobin Associated Acetaldehyde correlates with the Self-Administered Alcoholism Screening Test, but not Glycated Hemoglobin in Type II Diabetes Mellitus. *Alcohol* 8:183-185, 1991.
- 63.** Peterson CM, Jovanovič L: Percentage of carbohydrate and glycemia response to breakfast, lunch, and dinner in women with gestational diabetes. *Diabetes* 40 (Suppl 2):172-174, 1991.
- 64.** Jovanovič L, Peterson CM: Is exercise safe or useful for gestational diabetic women. *Diabetes* 40 (Suppl 2) 179-181, 1991.
- 65.** Peterson CM, Jovanovič L, Mills JL, Conley MR, Knopp RH, Reed GF, Aarons JH, Holms LB, Brown Z, Van Allen M, Schmeltz R, Metzger BE and The DIEP-NICHD: The Diabetes in Early Pregnancy: Changes in Cholesterol, Triglycerides, Body Weight, and Blood Pressure. *Am J Obstet Gynecol* 166:513-518, 1992.
- 66.** Brown ZA, Mills JL, Metzger BE, Knopp RH, Simpson JL, Jovanovič L, Scheer K, Van Allen MI, Aarons JH, Reed GF, and The National Institute of Child Health and Human Development- The Diabetes In Early Pregnancy Study: Early sonographic evaluation for developmental growth delay and congenital malformations in pregnancies complicated by insulin-requiring diabetes. *Diabetes Care* 15:613-619, 1992.
- 67.** Jovanovič L, Kitzmiller JL, Peterson CM: Randomized trial of human versus animal species insulin in pregnancies complicated by diabetes. *Am J Obstet Gynecol* 167:1325-1330, 1992.
- 68.** Mills JL, Holms LB, Aarons JH, Simpson JL, Brown ZA, Jovanovič L, Conley MR, Graubard BI, Knopp RH, Metzger BE: Moderate Caffeine Use and the Risk of Spontaneous Abortion and Intrauterine Growth Retardation. *JAMA* 269:593-597, 1993.
- 69.** Sparks SP, Jovanovič L, Peterson CM: Blood glucose rise following prenatal vitamins in gestational diabetes. *J Am Coll Nutr* 12:543-546, 1993.
- 70.** Jovanovič L, Sparks SP, Palmer JP, Peterson CM. Jet-injected insulin is associated with decreased antibody production and postprandial glucose variability when compared with needle-injected insulin in gestational diabetic women. *Diabetes Care* 11:1479-1484, 1993.

- 71.** Jovanovič L, Crues J, Durak E, Peterson CM. Magnetic resonance imaging in pregnancies complicated by diabetes predicts infant birthweight ratio and neonatal morbidity. *Am J Perinatol* 10:432-437,1993.
- 72.** Keller J B, Bevier WC, Jovanovič L, Formby B, Durak EP, Peterson CM.: Voluntary exercise improves glycemia in non-obese diabetic (NOD) mice. *Diabetes Research and Clinical Practice* 22:29-35, 1993.
- 73.** Bevier WC, Jovanovič L, B Formby, Peterson CM. Maternal hyperglycemia is not the only cause of macrosomia: lessons learned from the non-obese diabetic mouse. *Am J Perinatol* 11:51-56, 1994.
- 74.** Lewis JM, Jovanovič L, Ahmadizadeh I, Bevier WC, Peterson CM, Williams B. The Santa Barbara County Diabetic Screening Feasibility Study: Significance of Diabetes Duration and Systolic Blood Pressure. *Journal of Diabetes and Its Complications* 8:51-54. 1994.
- 75.** Bevier, Jovanovič L, Burns A, Peterson CM: Blood Pressure Predicts Insulin Requirement and Exogenous Insulin Is Associated With Increased Blood Pressure In Women With Gestational Diabetes Mellitus. *Am J Perinatol* 5:369-373, 1994.
- 76.** Chew EY, Mills JL, Metzger BE, Remaley NA, Jovanovič L, Knopp RH, Conley M, Rand L, Simpson JL, Holms LB, Aarons JH, and The NICHD-DIEP. Metabolic Control and Progression of Retinopathy. *Diabetes Care* 18:631-637, 1995.
- 77.** Schrader HM, Jovanovič L, Bevier WC, Peterson CM. Fasting plasma glucose and glycosylated protein at 24 to 28 weeks of gestation predict macrosomia in the general obstetric population. *Am J Perinatol* 12:247-251, 1995.
- 78.** Peterson CM, Jovanovič L; Randomized Crossover Study of 40% versus 55% Carbohydrate Weight Loss Strategies in Women with Previous Gestational Diabetes Mellitus and Non-Diabetic Women of 130-200% Ideal Body Weight. *J Am Coll Nutr* 14:369-375, 1995.
- 79.** Jovanovič L, Peterson CM. Vitamin and Mineral Deficiencies That May Predispose to Glucose Intolerance of Pregnancy. *J Am Coll Nutr* 15:14-20, 1996.
- 80** Simpson JL, Mills JL, Kim H, Holms LB, Lee J, Metzger B, Knopp RH, Jovanovič L, Aarons J, Conley M: Infectious processes: an infrequent cause of first trimester spontaneous abortions. *Human Reproduction* 11:668-672, 1996.
- 81.** Chen HM, Jovanovič L, Desai TA, Peterson C. Lessons learned from the non-obese diabetic mouse II: amelioration of pancreatic autoimmune isograft rejection during pregnancy. *Am J Perinatol* 13:249-254, 1996.

- 82.** Simpson JL, Holms LB, Carson SA, Jovanovič L, Mills JL, Knopp RH, Conley MR, Metzger B, Aarons JH. Prospective study showing that anti-sperm antibodies are not associated with pregnancy losses. *Fertility and Sterility* 66:36-42, 1996.
- 83.** Jovanovič L, Bevier W, Peterson CM. The Santa Barbara County Health Care Services Program: Birth Weight change Concomitant with Screening for and Treatment of Glucose-Intolerance of Pregnancy: A Potential Cost-Effective Intervention. *Am J Perinatol* 14: 221-228, 1997.
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### **EDITORIALS and LETTERS**

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Primary Publications: 193

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