

# CURRICULUM VITAE

**GAD LAVY, M.D., F.A.C.O.G.**

**Date of Birth:** October 2, 1954

**Place of Birth:** Jerusalem, Israel

**Marital Status:** Married (Michele)

**Children:** Two (Daniel & Sarah)

**Certification:** National Board of Medical Examiners, 1983  
American Board of Obstetrics and Gynecology, 1988-2008  
American Board of Reproductive Endocrinology, 1988-2008

**Licensure:** Connecticut, 1985

**Education:**

1972-1978 Hebrew University  
Hadassah Medical School  
Jerusalem, Israel

1979 M.D. Degree  
Internship, Hadassah Medical School  
Jerusalem, Israel

1980-1981 Research Fellowship  
Hebrew University Institute of Life Science  
Department of Biochemistry  
Jerusalem, Israel

1981-1985 Resident in Obstetrics and Gynecology  
Yale University School of Medicine  
Department of Obstetrics and Gynecology  
New Haven, Connecticut

1985-1987 Fellow  
Division of Reproductive Endocrinology  
Department of Obstetrics and Gynecology  
Yale University School of Medicine  
New Haven, Connecticut

1987-1991 Assistant Professor



Division of Reproductive Endocrinology  
Yale University School of Medicine  
New Haven, Connecticut

Current Positions:

***Medical Director***

New England Fertility Institute  
1275 Summer Street  
Suite 201  
Stamford, CT 06905

9 Washington Avenue  
Hamden, CT 06518

4 Corporate Drive  
Shelton, CT 06484

***Medical Director***

Lifeline Cryogenics  
1275 Summer Street  
Suite 204  
Stamford, CT 06905

**Medical Staff Member**

Stamford Hospital  
Department of Obstetrics and Gynecology  
Stamford, CT

Consulting Physician  
Department of Obstetrics and Gynecology  
Greenwich Hospital  
Greenwich, CT

## **PROFESSIONAL ASSOCIATIONS:**

American Society of Reproductive Medicine  
Society of Reproductive Endocrinologists, Inc.  
Society of Reproductive Surgeons  
American Medical Association  
American College of Ob/Gyn  
Connecticut State Medical Association  
Fairfield County Medical Association  
Connecticut Society of the American Board of Ob/Gyn  
Gynecological Radiology Society

## **HONORS:**

Dean's List, 1976  
Meehan-Miller  
Award, Yale University Department of Obstetrics and Gynecology, June, 1985  
Finalist, 42<sup>nd</sup> Annual Meeting of the American Fertility Society, Toronto, Canada. September, 1996  
Award-winning poster presentation, 46<sup>th</sup> Annual Meeting of the American Fertility Society, Washington, D.C., 1990  
Ad hoc reviewer  
Journal of In -Vitro Fertilization and Embryo Transfer  
Fertility and Sterility

## **PREVIOUS RESEARCH EXPERIENCE:**

1980-1981  
Institute of Life Sciences, Hebrew University; Supervised by Professor A, Hochberg

1. Trophoblast tissue and cell culture;
2. Separation of cytotrophoblast and syncytiotrophoblast;
3. The effect of serum free media on placental function in organ culture;
4. Control of hCG secretion by trophoblast

## **DOCTORAL THESIS:**

“The value of CT scan in the diagnosis of hemorrhagic and ischemic strokes.”  
Completed-Jerusalem, 1979.

### **ACTIVE PROJECTS:**

Endometrial receptivity and implantation.

Endometrial progestogen induced endometrial protein (PEP) as a marker of endometrial function

Micromanipulation and genetic analysis of gametes and embryos.

Predictors of success in IVF-ET.

In Vitro Maturation and IVF

Oocyte and Ovarian Cryopreservation

Pre- Implantation Genetic Diagnosis

Endometrial activation: improving implantation in IVF

### **MEDICAL STUDENT THESIS ADVISOR**

1. Oxygen-free radicals in human endometrial secretion.
2. Assessment of endometrial receptivity following hormone replacement.

## PUBLICATIONS

Lavy G, Diamond MP, DeCherney, AH; Pregnancy Following Tubocornual Anastomosis. Fertil Steril 46:21-25, 1986.

Barnea ER, Lavy G, DeCherney AH; The Role of ACTH in Placental Steroidogenesis. Placenta 7:307, 1986.

Lavy G, DeCherney AH; Problems in Early Diagnosis of Ectopic Pregnancy. Collected Letters. International Correspondence Society of Obstetncians and Gynecologists 27:9, 1986.

Lavy G.: Nutmeg Intoxication in Pregnancy; A Case Report. J Reprod Med 32:63, 1987.

Lavy G., Graebe RA, Oelsner G, Boyers SP, DeCherney AH: Adhesion Formation to the Rat Uterine Horn of the Rat in Response to Nylon and a New Absorbable Clip. Surgery, Gynecology and Obstetrics 164:204, 1987.

Lavy C, DeCherney AH: Topics in Acute Care; Identifying Tubal Ectopic Pregnancy. Hospital Medicine pgs. 23-39, 1987.

Lavy G, Diamond MP, DeCherney All: Ectopic Pregnancy: Its Relationship to Tubal Reconstructive Surgery. Fertil Steril 47:543-556, 1987.

DeCherney AH, Diamond MP, Lavy G, Polan ML: Endometrial Ablation for Intractable Uterine Bleeding: Hysteroscopic Resection. Obstet Gynecol 70:668-670, 1987.

Boyers SP, Diamond MP, Lavy G ,Russell JB, DeCherney AH: The Effect of Polyploidy on Embryo Cleavage After In Vitro Fertilization in Humans. Fertil Steril, 48:624-627,1987.

Boyers SP, Lavy G, Russell JB, DeCherney AH: A paired analysis of in vitro fertilization and cleavage rates of first- versus last-recovered preovulatory human oocytes exposed to varying intervals of 100% CO<sub>2</sub> pneumoperitoneum and general anesthesia. Fertil Steril 48:969-974, 1987.

Boyers SP, Lavy G, Russell JB, Polan ML, DeCherney AH: Serum Prolactin Response to Embryo Transfer During Human In Vitro Fertilization and Embryo Transfer. J IVF-ET 4:269, 1987,

Cole LA, Restrepo-Candelo H, Lavy G, DeCherney A: HCG Free -Subunit An Early Marker of Outcome of In Vitro Fertilization Clinical Pregnancies. J Clin Endocrinol Metab 64:1328, 1987.

Lavy G, Barnea ER, DeCherney AH; The Effect of Insulin on Oestradiol and Progesterone Release by

Normal and Diabetic Placentae in Vitro.  
Placenta 8:443-448, 1987.

Diamond MP, Lavy G, Russell JB, Boyers SP, Nero F, DeCherney AH: Weight of Babies Conceived In Vitro.  
J IVF-ET 4:291, 1987.

Lavy G, Diamond MP, DeCherney AH, Nero F, Scharck K: Transvaginal and Transabdominal Ultrasound for Monitoring of Follicular Development in an In Vitro Fertilization and Embryo Transfer Program: Patient Response.  
J IVF-ET 4:293, 1987.

Lavy G, Diamond MP, DeCherney AH, Shapiro BS: A New Device to Facilitate Intrauterine Instillation of Dextran 70 for Hysteroscopy.  
Obstet Gynecol 70:955, 1987.

Diamond MP, Boyers SP, Lavy G, Shapiro BS, Grunfeld L, DeCherney AH: Endoscopic Use of the Potassium-Titanyl-Phosphate 532(KTP/532) Laser in Gynecologic Surgery.  
Colposc Gynecol Laser Surg 3:213, 1987.

Lavy G: Unexplained fetal demise and postpartum hemorrhage - Advice for future pregnancies. Collected Letters.  
International Correspondence Society of Obstetricians and Gynecologists, 28:12, 1987.

Restrepo-Candelo H, Lavy G, Thatcher SS, DeCherney AH, Cole LA: Subunidad- Libre de Gonadotropina Corionica Humana en Embarazos Obtenidos por Fertilization in-Vitro. Prediccion del Curso.  
Revista Latinoamericana de Esterilidad y Fertilidad 1:?, 1987.

Lavy G, Diamond MP, Pellicer A, Vaughn WK, DeCherney AH: The Effect of Incubation Temperature on the Cleavage Rate of Mouse Embryos in Vitro. J IVF-ET 5:167-70, 1988.

Lavy G, Restrepo-Candelo H, Diamond M, Shapiro B, Grunfeld L, DeCherney AH: Laparoscopic and Transvaginal Ova Recovery: The Effect on Ova Quality.  
Fertil Steril 49:1002, 1988.

Lavy G, Pellicer A, Diamond MP, DeCherney AH: Ovarian Stimulation for In Vitro Fertilization and Embryo Transfer (IVF-ET), Human Menopausal Gonadotropin (HMG), vs. Pure Human Follicle Stimulating Hormone (hFSH): A randomized Prospective Study.  
Fertil Steril 50:74, 1988.

Naftolin F, Lavy G: Poissons, Grenouilles, Femmes et Hommes: The Appropriation and Retention of Archetypal Systems for Reproduction.  
Gynecol Endocrinol 2:265-73, 1988.

Lavy G, Boyers SP, DeCherney AH: Hyaluronidase Removal of the Cumulus Oophorus Increases In Vitro Fertilization.  
J IVF/ET 5:257, 1988

Lavy G, Diamond MP, Polan ML: Reversal by Human Chorionic Gonadotropin of the Inhibitory Effect

of Clomiphene Citrate on Progesterone Production by Granulosa-Luteal Cells in Culture.  
Int J Fertil 34:359-362, 1989.

Diamond MP, Lavy G, Polan ML: Progesterone Production from Granulosa Cells of Individual Human Follicles Derived from Diabetic and Non-Diabetic Subjects.  
Int J Fertil 34:204-208, 1989.

Diamond MP, Buchholz T, Boyers SP, Lavy G, Shapiro BS, DeCherney AH. Super High Estradiol Response to Gonadotropin Stimulation in Patients Undergoing In Vitro Fertilization.  
J IVF/ET 2:81-84, 1989

Meyer WR, Diamond MP, Lavy G, DeCherney AH: Presacral Neurectomy Relieves Chronic Pelvic Pain.  
Contemp Ob Cyn 6:37-44, 1989.

Logan I, Diamond MP, Lavy G, DeCherney AH: Effect of Norgestrel on Development of Mouse Pre-Embryos. Contraception 39:555-561, 1989.

Hutchinson-Williams KA, Lunenfeld B, Diamond MP, Lavy G, Boyers SP, DeCherney AH: Human Chorionic Gonadotropin, Estradiol and Progesterone Profiles in Conception and Nonconception Cycles in an In Vitro Fertilization Program.  
Fertil Steril 52:441-445, 1989.

Diamond MP, Lavy G, DeCherney AH: Hysteroscopic use of dextran 70.  
Contemp Obstet Gynecol 34:29-38, 1989.

Thatcher 55, Restrepo U, Lavy G, DeCherney AH: In-vitro Fertilisation and Sex Ratio (letter).  
Lancet 1(8645): 1025-1026, 1989.

Diamond MP, Lavy G, Polan ML: Progesterone Production from Granulosa Cells of Individual Human Follicles Derived from Diabetic and Non-Diabetic Subjects.  
Int J Fertil 34:204-208, 1989.

Diamond MP, Moley KH, Logan J, Pellicer A, Lavy G, Vaughn WK, DeCherney AH: Manifestation of Diabetes Mellittus on Mouse Follicular and Pre-Embryo Development: Effect of Hyperglycemia Per Se.  
Metabolism 39:220-224, 1990

Meyer WR, Lavy G, DeCherney AH, Visintin I, Economy K, Luborsky JL: Evidence of Gonadal and Gonadotropin

Antibodies in Women with a Suboptimal Ovarian Response to Exogenous Gonadotropin.  
Obstet Gynecol 75:795-799, 1990.

Lavy G, Behrman HR, Polan ML: Purine levels and metabolism in human follicular fluid.  
Human Reprod 5:529-533, 1990.

Hershlag A, Loy R, Lavy G, DeCherney AH: Femoral Neuropathy After Laparoscopy.  
J Reprod Med 35:575-576, 1990.

Thornton K, Lavy G: Update on IVF;.

(Hospimedica) In Press, 1990.

Hershlag A, Asis MC, Diamond MP, DeCherney AH, Lavy G: The predictive value and the management of cycles with low initial estradiol levels.

Fertil Steril 53:1064-1067, 1990.

Diamond MP, Harbert-Moley K, Logan J, Pellicer A, Lavy G, Vaughn WK, DeCherney AH: Manifestation of Diabetes Mellitus on Mouse Follicular and Pre-Embryo Development: Effect of Hyperglycemia per se. Metabolism 39:220-224, 1990.

Zawin M, McCarthy S, Scoutt L, Lange R, Lavy G, Vulte J, Comite F: Monitoring Therapy with a Gonadotropin-releasing Hormone Analogue: Utility of MR Imaging.

Radiology 175:503-506, 1990.

Hershlag A, Floch JA, DeCherney AH, Lavy G: Comparison of Singleton and Multiple Pregnancies in In Vitro Fertilization (IVF) and Embryo Transfer (ET).

J IVF ET 7:157-159, 1990.

Hutchinson-Williams KA, DeCherney AH, Lavy G, Diamond MP, Naftolin F, Lunenfeld B: Luteal Rescue in

In -Vitro Fertilization-Embryo Transfer (IVF-ET).

Fertil Steril 53:495-501, 1990.

Cooperman AD, Lavy G, DeCherney AH, Diamond MP: The Effect of Tubal and Ovarian Surgery on Ovarian Function in Cycles of Controlled Stimulation in Patients Undergoing In Vitro Fertilization.

J Gynecol Surgery 6:263, 1990.

Parikh FR, Ianniello MJ, Kashgarian M, DeCherney AH, Lavy G: Multinuclear spermatozoa associated with polyploidy.

Am J Ob Gyn 164:128-129, 1991.

Grifo JA, Boyle A, Fischer E, Lavy G, DeCherney AH, Ward DC, Sanyal MK: Pre-embryo biopsy and analysis of blastomeres by in situ hybridization.

Am J OB/GYN 163:2013-2019, 1990.

Lavy G, DeCherney AH: Ova Recovery for IVF-ET: Laparoscopic and Ultrasonographic Methods. Gynecological Endocrinology. (In Press).

Parikh FR, Lavy G, Cooperman A, DeCherney AH: Dyskinetic cilia syndrome associated with polycystic kidney disease and primary infertility.

J Ob Cyn of India (In Press).

Hershlag A, Floch JA, DeCherney AH, Lavy G: Comparison of singleton and multiple pregnancies in In vitro fertilization (IVF) and embryo transfer (ET)

7:157-9, 1990.

Kaplan EH, Hershlag A, Lavy G To be or not to be? That is conception! Managing In Vitro Fertilization Programs.

(In press- Management Science)

Grifo JA, Boyle A, Fischer E, Lavy G, DeCherney AH, Ward DC, Sanyal MK: Preembryo Biopsy and Analysis of Blastomeres by In Situ Hybridization.

(In press- AM J OB Gyn)

Hershlag A, Kaplan EH, Loy RA, DeCherney AH, Lavy G : Heterogeneity in Patient Populations Explains Differences in In -Vitro Fertilization Programs  
56: 913-7, 991.

Cooperman AB, Lavy G, DeCherney AH, Diamond MP: The effect of tubal and ovarian surgery on ovarian function in cycles of controlled stimulation in patients undergoing in vitro fertilization.

(In press- J Gynecol Surg)

Lavy G, DeCherney AH, Raikar R, Joshi S: Serum levels of a "progesterone dependent endometrial protein" (PEP): Correlation with serum estradiol, progesterone and estradiol/progesterone ratio in various stages of the luteal phase.

(In press- Human Reproduction)

Lavy G, DeCherney AH, Raikar R, Joshi SC: High incidence of endometrial dysfunction following ovarian stimulation.

(In press- Human Reproduction)

Pinto MM; Bernstein LH; Brogan DA; Parikh F; Lavy G: Measurement of CA125, carcinoembryonic antigen, and alpha-fetoprotein in ovarian cyst fluid: diagnostic adjunct to cytology.

Diagn Cytopathol 6:160-3, 1990.

Seifer DB; Thornton KL; DeCherney AH; Lavy G: Early pituitary desensitization and ovarian suppression with leuprolide acetate is associated with in vitro fertilization-embryo transfer success.

Fertil Steril 56:500-4, 1991.

Seifer DB; Meyers-Seifer. CH; Lavy G; Genel M; and others: Laparoscopic adnexectomy in a prepubertal Turner mosaic female with isodicentric Y.

Hum. Reprod. 6:566-7, 1991.

Hershlag A; Kaplan EH; Loy RA; DeCherney AH; Lavy G: Selection bias in in vitro fertilization programs:

Am J Ob Gyn 166:1-3,1992.

Shamma FN; Penzias AS; Thatcher S; DeCherney AH; Lavy G: Corpus luteum function in successful in vitro fertilization cycles.

Fertil Steril 57:1107-9, 1992

Shapiro BS; Escobar M; Makuch R; Lavy G; DeCherney AH: A transvaginal ultrasonographic identification of early intrauterine pregnancy.

Am J Ob Gyn 166:1495-500, 1992.

Seifer DB; Honig J; Penzias AS; Lavy G; and others: Flow cytometric analysis of deoxyribonucleic acid in human granulosa cells as a function of chronological age and ovulation induction regimen.

J Clin Endocrinol Metab 75:636-40,1992.

Penzias AS; Shamma FN; Gutmann JN; Seifer DB; and others: Luteinizing response to human chorionic gonadotropin does not predict outcome in gonadotropin releasing hormone agonist-suppressed/ human menopausal gonadotropin-stimulated in vitro fertilization (IVF) cycles.

J Assist Reprod Genet 9:244-7, 1992.

Penzias AS; Shamma FN; Gutmann JN; Jones EE; and others: Nafarelin versus leuprolide in ovulation induction for in vitro fertilization: a randomized clinical trial.

Obstet Gynecol 79:739-42, 1992.

Hershlag A; Lesser M; Montefusco D; Lavy G; and others: Interinstitutional variability of follicle stimulating hormone and estradiol levels.

Fertil Steril 58:1123-6, 1992.

Shamma FN; Lee G; Gutmann JN; Lavy G: The role of office hysteroscopy in In Vitro Fertilization.

Fertil Steril 58:1237-9, 1992.

## **CHAPTERS**

DeCherney AH, Lavy G: Oocyte Recovery Methods in In-Vitro Fertilization. In Clinical Obstetrics and Gynecology. RD. Marrs (Ed.),

J.B. Lippincott, Philadelphia, Vol.29, No.1, pp.171-179, 1986.

Lavy G, DeCherney AH: The Hormonal Basis of Ectopic Pregnancy. In Clinical Obstetrics and Gynecology. A.H. DeCherney (Ed.),

J.B. Lippincott, Philadelphia, Vol. 30, No.1, pp.217-224, 1987.

Lavy G and Polan ML: Endometriosis. In Decision Making in Infertility. A.H. DeCherney, S.P. Boyers, M.L. Polan (Eds.), B.C. Decker Inc., Philadelphia (In press, 1987).

Lavy G and Boyers SP: Andrology: A Gynecologist's View. In Decision Making in Infertility. A.H. DeCherney, S.P. Boyers, M.L. Polan (Eds.),

B.C. Decker Inc., Philadelphia (In press, 1987).

Polan ML, Diamond MP, Lavy G, Russell JB, Boyers SP, DeCherney AH: Ovulation Induction With Pure Follicle Stimulating Hormone (p-FSH). Proceedings of the Ares Serono Symposium -In The Control of Follicle Development, Ovulation and Luteal Function: Lessons From In Vitro Fertilization. Paris, France, April 1986., F. Naftolin and A.H. DeCherney (Eds.),

Raven Press, New York, Vol.35, 1987.

Lavy G, DeCherney AH, Naftolin F: Local Factors in Reproduction. Andrology and Human Reproduction, Serono Symposia Publications,

Raven Press, New York, 47:157-162, 1988.

Lavy G: Hysteroscopy as a diagnostic aid: In Hysteroscopy Obstetrics and Gynecology Clinics of North America, Alan H. DeCherney (Ed.).

W.B. Saunders publisher. 15(1):61, 1988.

Lavy G, DeCherney AH: Laparoscopic surgery for tubal ectopic pregnancy: In Ectopic Pregnancy: Pathophysiology and Clinical Management, S. Fredericks (Ed). Hemisphere Press, Washington, D.C. Ch. 9, pp 127-140, 1988.

Diamond MP, Lavy G, DeCherney AH: Diagnosis and Management of Ectopic Pregnancy. In Infertility: A Comprehensive Text. M. Seibel (Ed.), Ch. 32, pp 447-455, Appleton-CenturyCrofts, East Norwalk, CT, 1989.

Lunenfeld 13, Hutchinson-Williams K, Lavy G, Diamond MP, DeCherney AH: Hormonal Profiles During the Perinidation Period in Conception Cycles, Abortions and Biochemical Pregnancies. In: Genazzani AR, Petraglia F, Volpe A, Facehinetti F (eds) Advances in Gynecological Endocrinology, The Parthenon Publishing Group, Park Ridge, NJ, chapter 56, volume 1, pp 421-432, 1989.

Doyle M, Lavy G: Intrauterine Synechiae and Pregnancy Wastage. In: Recurrent Pregnancy Loss, Infertility and Reproductive Endocrine Clinics of North America, 1991.

Lavy G, Whitten PL, Naftolin F: Introduction to vertebrate reproductive endocrinology. In: Vertebrate Endocrinology: Fundamentals and Biomedical Implications, Vol 4(A), PKT Pand and MP Screibman (eds), Academic Press, 1991; p 1-22.

Gutmann JN, Lavy G, DeCherney AH: Osteoporosis. (In Press)

Haj-Hassan L, Lavy G: Surgery of the Isthmic Tube (In Press).

## ABSTRACTS

Lavy G, Barnea ER, DeCherney AH: The Effect of ACTH on Placental Steroidogenesis. Endocrine Society, Baltimore, Maryland, June, 1985.

Lavy G, Russell JB, Polan ML, DeCherney AH: Serum Prolactin (PRL) Level is Elevated in Response to Laparoscopy But Not in Response to Embryo Transfer (ET) During In Vitro Fertilization (IVF) Cycles. Sixteenth Annual Meeting of the Society for Gynecologic Investigation, Toronto, Canada, March 1986.

Lavy G, Barnea ER, DeCherney AH: The Effect of Insulin on Estradiol and Progesterone Release by Normal and Diabetic Placentae In Vitro. Sixteenth Annual Meeting of the Society for Gynecologic Investigation, Toronto, Canada, March 1986.

Diamond MP, Hendler R, Russell JB, Boyers SP, Lavy G, DeCherney AH: Follicular Fluid Insulin Levels as a Marker for Normal Fertilization of Human Oocytes in an In Vitro Fertilization (IVF) Program. Diabetes 35(Suppl 1):128A, 1986.

Joshi SG, Lavy G, Raiker RS, DeCherney AH, Gordon M: Secretion of the Progestin-Dependent Endometrial Protein (PEP) Following In-Vitro Fertilization and Embryo Transfer (IVF-ET). 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

Lavy G, Boyers SP, Russell SB, Bayless RB, DeCherney AH: Serum Prolactin Response to Laparoscopy and Embryo Transfer in an In-Vitro Fertilization/Embryo Transfer Cycle. 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

Lavy G, Diamond MP, DeCherney AH: The Effect of Incubation Temperature on Cleavage Rate of Mouse Embryos. 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

Lavy G, Boyers SP, Stronk J, Fino L, DeCherney AH: Hyaluronidase [Removal of the Cumulus Oophorus Increases Fertilization Rates In-Vitro. 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

Boyers SP, Stronk JN, Fino L, Russell SB, Lavy G, DeCherney AH: The Time Interval Between Laparoscopic Aspiration of Mature Oocytes Affects Fertilization Rate. 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

Boyers SP, Russell JB, Lavy G, Bates JN, Fino L, DeCherney AH: The Significance of Complete Fertilization Failure in Human In Vitro Fertilization (IVF): Outcome of Subsequent Cycles. 42<sup>nd</sup> Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

DeCherney AH, Diamond M, Lavy G, Boyers S: Removal of Ectopic Pregnancy Via the Laparoscope Between July 1, 1978 - July 1, 1985. 42<sup>nd</sup> Annual Meeting of the American Fertility Society, Toronto, Canada, September 1986.

Diamond MP, Boyers SP, Russell JB, Lavy G, Stronk JN, Fino L, DeCherney AH: Characterization of

Intraindividual Response to Follicular Recruitment With Follicle Stimulating Hormone (FSH) and Human Menopausal Gonadotropins (HMG). XII World Congress on Fertility & Sterility, Singapore, October 1986.

Lavy G, Diamond MP, Logan J, DeCherney AH: The Effect of Estrogen on Early Embryo Development in the Mouse.

Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

Diamond MP, Logan J, Lavy G, Vaughn WK, Decherney AH: Insulin Stimulates Mouse Preembryo Rate of Growth.

Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

Lavy G, Pellicer A, Daniele A, DeCherney AH, Behrman HR, Polan ML: Purine Levels in Human Follicular Fluid.

Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

Diamond MP, Lavy G, Fazio D, DeCherney AH, Polan ML: Insulin (I) Stimulated Progesterone Production (PP) From Granulosa Cells of Individual Human Follicles Derived From Diabetic (D) and Non-Diabetic (ND) Subjects.

Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

Diamond MP, Logan J, Lavy G, Cohen B, DeCherney AH: Prolactin Inhibits GnRH Effect on Trophoblastic hCG Production.

Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

Lavy G, Diamond MP, Nero F, Decherney AH: Transvaginal and Transabdominal Ultrasound for Monitoring of Follicular Development in an IVF-ET Program.

Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

Lavy G, Shapiro B, Pellicer A, Diamond MP, Shark K, DeCherney AH: Characteristics of Pregnancy and Non-Pregnancy IVF-ET Cycles in the Same Individuals.

Vth World Congress – In Vitro Feitilization and Embryo Transfer, Norfolk, Virginia, April 1987.

Cole LA, Lavy G, Metsch LS, DeCherney A: Early Absence of Serum HCC Free-Subunit Predicts Spontaneous Abortion in IVF Pregnancies.

Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

Pellicer A, Lavy G, Thomas L, DeCherney AH: Comparison Between Reinsemination and Delayed Insemination of Human Oocytes in an IVF Program.

Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

Nero FA, Diamond MP, Lavy G, Grunfeld L, Shapiro B, Russell JB, DeCherney AH: Patient Survey on Preferred Method of Oocyte Recovery: Laparoscopy Versus Vaginal Ultrasound Guided Aspiration.

Vth WorldCongress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April, 1987.

Restrepo Candelo H, Lavy G, Diamond MP, Shapiro B, DeCherucy AH: Recuperacion Transvaginal de Oocitos vs. Recuperacion por Laparoscopia En Un Programn de Fertilizacion In- Vitro y Transferencia

Embrionaria (FIV-TE).

II Latin American Congress of Feitility and Sterility, Bogata, Colombia, October, 1987 .

Sanyal MK, Ali MO, Lavy G, Li LY, Thatcher S, DeCherney AH: Genetic Characterization of the Mouse Preembryos at the Two-cell Stage by Simultaneous Culture of Isolated Blastomeres.  
American Advancement of Science Meeting , February 1988.

Lavy G, Raikar RS, Klopper A, DeCherney AH', Joshi SC: Low Serum Pep Levels In Menotropin Stimulated IVF-ET Cycles: Correlation With Serum Progesterone and Estradiol Levels.  
Eighteenth Annual Meeting of the Society for Gynecologic Investigation, Baltimore, MD, March 1988.

Diamond MP, Moley KH, Logan J, Pellicer A, Lavy G, Vaughn WK, DeCherney AH: Effect of Hyperglycemia Per Se on In Vitro Development of Pre-implantation Mouse Embryos.  
Eighteenth Annual Meeting of the Society for Gynecologic Investigation, Baltimore, MD, March 1988.

Diamond MP, Buchholz T, Boyers SP, Lavy G, Shapiro BS, DeCherney AH: High Estradiol Response to Gonadotropin Stimulation in Human In Vitro Fertilization (IVF).  
Eighteenth Annual Meeting of the Society for Gynecologic Investigation, Baltimore, MD, March 1988.

Naftolin F, Lavy G: Fish, Frogs, Femmes and Hommes; The Retention and Duration of the Fundamental Mechanisms in Reproduction Through the Ages.  
First Congress of the International Society of Gynecological Endocrinology, Crans Montana, Switzerland, March 1988.

Lunenfeld B, Hutchinson-Williams K, Lavy G, Diamond MP, DeCherney AH; Hormonal Profiles During the Perinidation Period in Conception Cycles, Abortions and Biochemical Pregnancies.  
First Congress of the International Society of Gynecological Endocrinology, Crans Montana, Switzerland, March 1988.

Sanyal MK, Ali MO, Lavy G, Li LY, Thatcher S, DeCherney AH: Assessment of Genetic Characteristics of Mouse Preembryos by Blastomere Culture.  
Teratology Society Meeting, 1988, (Submitted).

Diamond MP, Buchholz T, Boyers SP, Lavy G, Shapiro BS, DeCherney AH: High Estradiol Response to Gonadotropin Stimulation in Human In Vitro Fertilization (IVF).  
Endocrine Society Meeting, New Orleans, Louisiana, June 1988

Diamond MP, Lavy G, Daniele A, Polan ML: Insulin Stimulation of Testosterone and Androstenedione Accumulation from Human Ovarian Granulosa-Luteal Cells.  
48th Scientific Sessions Meeting American Diabetes Association, New Orleans, Louisiana, June 1988.

Lavy G, Hutchinson-Williams K, Lunenfeld B: Abnormalities in Corpus Luteum Function as a Cause for Spontaneous Abortions Following In-Vitro Fertilization and Embryo Transfer.  
44<sup>th</sup> Annual Meeting, American Fertility Society, Atlanta, Georgia, October, 1988. (Submitted).

Lavy G, Sanyal M, Thatcher S, DeCherney AH: A New Method for Removing a Single Blastomere from an Early Stage Embryo Using Zona Digestion.  
44th Annual Meeting, American Fertility Society, Atlanta, Georgia, October, 1988. (Submitted).

Diamond MP, Jones E, Lavy G, Hutchinson-Williams K, Lunenfeld B, DeCherney AH: Documentation of Luteinizing Hormone (LH) Surges in Association with Estradiol (E<sub>2</sub>) Patterns. 44th Annual Meeting, American Fertility Society, Atlanta, Georgia, October, 1988. (Submitted).

Lavy G, DeCherney A, Raikar R, Joshi S: High Incidence of Endometrial Glandular Insufficiency in Women Who Fail to Conceive Following IVF/ET. 36th Annual Meeting, The Society for Gynecological Investigation, San Diego, CA, March, 1989.

Parikh FR, Lavy G, DeCherney AH: The Hypoosmotic Swelling Test as a Predictor of In Vitro Fertilization Outcome. 36th Annual Meeting, The Society for Gynecologic Investigation, San Diego, CA, March 1989.

Lavy G, Hutchinson-Williams K, Lunenfeld B, DeCherney AH: Abnormalities in Corpus Luteum Function as a Cause for Spontaneous Abortions Following In-Vitro Fertilization and Embryo Transfer. 36th Annual Meeting, The Society for Gynecologic Investigation, San Diego, CA, March 1989.

Meyer W, Lavy G, Visintin I, Economy K, DeCherney A, Luborsky J: Evidence for Ovarian and Gonadotropin Autoantibodies in Women Demonstrating a Suboptimal Response to Ovarian Stimulation in an In Vitro Fertilization (IVF) Program. 36th Annual Meeting, The Society for Gynecologic Investigation, San Diego, CA, March 1989.

Grifo JA, Boyle A, Lavy G, Ferguson ML, DeCherney AH, Sanyal MK, Ward DC: Preimplantation Genetics: The Development of Techniques to Analyze Preembryos by In Situ Hybridization. 36th Annual Meeting, The Society for Gynecologic Investigation, San Diego, CA, March 1989.

Lavy G, Corfman R, Grainger D, Meyer W, Hershlag A, Grifo J, Loy R, DeCherney A: Transvaginal Ultrasound Guided Follicle Aspiration for IVF. VI World Congress In Vitro Fertilization and Alternate Assisted Reproduction, Jerusalem, Israel, April 1989.

Grainger D, Lavy G, Diamond MP: Tubal Pronuclear Embryo Transfer (TPET): A Preferable Alternative to Gamete Intrafallopian Transfer (GIFT) in the Patients First Treatment Cycle. 45<sup>th</sup> Annual Meeting of the American Fertility Society, November , 1989.

Hershlag A, Loy RA, Lavy G, DeCherney AH: How Many Cycles Should Patients Have in an In Vitro Fertilization Program? 45th Annual Meeting of the American Fertility Society, November, 1989.

Grifo JA, Fischer E, Boyle A, Lavy G, Ward D, Li YL, Sanyal MK: Biopsy and Genetic Analysis of Blastomeres of Mouse Preembryos. Soc Gyn Invest, March, 1990.

Hershlag A, Kaplan EH, Loy RA, DeCherney AH, Lavy G: Modeling Pregnancy Rates in IVF-ET. 46th Annual Meeting of the American Fertility Society.

Doyle M, Thornton K, Lavy G: A Comparison of Conception and Non-Conception Cycles of IVF-ET from the same Patients. 46th Annual Meeting of the American Fertility Society.

Drabkin L, Aten R, Carcangiu ML, Lavy G: Malondialdehyde Levels in Uterine Flushings Throughout the Menstrual Cycle in Normal Women.  
46th Annual Meeting of the American Fertility Society.

Lavy G, Raikar R, Holm C, Joshi S: Relationship of Serum Levels of Progesterone-Dependent Endometrial Protein (PEP) to Luteal Function in Women Undergoing In Vitro Fertilization and Embryo Transfer.  
46th Annual Meeting of the American Fertility Society.

## **PRESENTATIONS**

Lavy G, Raikar R, Joshi SG, Carcangiu ML: Reduced endometrial staining for progesterone dependent endometrial protein (PEP) in infertile women.  
Invited Lecturer, Postgraduate Course. Male Infertility. Yale University School of Medicine, May 1988.

Invited Lecturer, Fundamentals of G.I.F.T. (Gamete Intrafallopian Transfer) course, Yale University School of Medicine, New Haven, Connecticut, June 1987.

Invited Lecturer, Obstetrical and Gynecological Ultrasound: A Comparative Overview. New York City, June 1988.

Invited Lecturer, First World Conference on the Use of Vaginal Ultrasound. Washington, D.C., June 1988.

Invited Lecturer, University of Connecticut, Department of Obstetrics and Gynecology, Farmington, Connecticut, August 1987.

Invited Lecturer, Lasers in Reproductive Surgery, Yale University School of Medicine, New Haven, Connecticut, August 1987.

Invited Lecturer, Postgraduate Course. The 44th Annual Meeting of the American Fertility Society, September 1988.

Invited Lecturer, Advanced Microsurgery for Reproductive Surgeons, Yale University School of Medicine, New Haven, Connecticut, October 1987.

Invited Lecturer, Postgraduate Course, World Congress of Gynecologic Endoscopy and American Association of Gynecologic Laparoscopists, San Francisco, California, November 1987.

"The Effect of ACTH on Placental Steroidogenesis." The Endocrine Society Meeting, Baltimore, Maryland, June, 1985.

"Menopausal Hot Flashes: Pathophysiological Treatment." Grand Rounds, Danbury Hospital, Danbury, Connecticut, September; 1985.

"Infertility/Endocrine." Case Presentation. St. Raphael Hospital, New Haven, Connecticut, November, 1985.

The Effect of Clomiphene Citrate on Human Granulosa-Luteal Cells Obtained Following Different Ovarian Stimulation Protocols.  
42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

"Normal and Delayed Puberty." Obstetris/Gynecology Conference. Norwalk Hospital, Norwalk, Connecticut, January, 1986.

"Infertility/Endocrine." Case Presentation. St. Raphael Hospital, New Haven, Connecticut, February, 1986.

"Normal and Delayed Puberty." Case Presentation. St. Vincent Hospital, Bridgeport, Connecticut, February, 1986.

"The Effect of Insulin on Estradiol and Progesterone Release by Normal and Diabetic Placentae In Vitro." Society for Gynecologic Investigation. Toronto, Canada, March, 1986.

"Serum Prolactin Response to Laparoscopy and Embryo Transfer in an In-Vitro Fertilization/Embryo Transfer Cycle." 42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September, 1986.

"The Effect of Clomiphene Citrate on Human Granulosa-Luteal Cells Obtained Following Different Ovarian Stimulation Protocols."  
42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September, 1986.

"The Effect of Incubation Temperature on Cleavage Rate of Mouse Embryos."  
42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September, 1986.

"Hyaluronidase Removal of the Cumulus Oophorus Increases Fertilization Rates In-Vitro."  
42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September, 1986.

"Human Chorionic Gonadotropin Reverses the Inhibitory Effect of Clomiphene Citrate on Progesterone Production by Granulosa-Luteal Cells in Culture."  
42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September. 1986.

"The Effect of Estrogen on Early Embryo Development in the Mouse."  
Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

"Purine Levels in Human Follicular Fluid."  
Seventeenth Annual Meeting of the Society for Gynecologic Investigation, Atlanta, Georgia, March 1987.

"Characteristics of Pregnancy and Non-Pregnancy IVF-ET Cycles in the Same Individuals."  
Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

"Early Absence of Serum hCG Free-Subunit Predicts Spontaneous Abortion in IVF Pregnancies." Vth World Congress - In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

"Effect of Luteal Phase Progesterone Support on Endometrial Development." Vth World Congress -In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

"Effect of Luteal Phase Progesterone Support on Endometrial Development." Vth World Congress In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April 1987.

"Multiple Etiologies of "Biochemical" Pregnancies?" 43rd Annual Meeting of the American Fertility Society, Reno, Nevada, September 1987.

"Conservative Management of Plateauing HCG Titers in Women with Tubal Disease." 43rd Annual Meeting of the American Fertility Society, Reno, Nevada, September 1987.

"A New Device for Mechanized Delivery of Dextran 70 at Hysteroscopy." 16th Annual Meeting, American Association of Gynecologic Laparoscopists, San Francisco, California, November, 1987.

"The Luteal Phase of Menotropin Stimulated In Vitro Fertilization and Embryo Transfer Cycles: Evaluation by Serum Measurements of a Progestin Induced Endometrial Protein." Binational Meeting of Germany/Israel Gynecology and Obstetrical Societies. Jerusalem, Israel, March, 1988.

"Male Infertility and the New Reproductive Technology." Grand Rounds -Nassau County Medical Center, Meadowbrook, Long Island, May 1988.

"The New Reproductive Technology." Resolve of Greater Hartford, February, 1989.

"Human Chorionic Gonadotropin Reverses the Inhibitory Effect of Clomiphene Citrate on Progesterone Production by Granulosa-Luteal Cells in Culture." 42nd Annual Meeting of The American Fertility Society, Toronto, Canada, September 1986.

"Outcome of Transvaginal and Laparoscopic Ova Retrieval in an IVF-ET Program." 43rd Annual Meeting of the American Fertility Society, Reno, Nevada, September, 1987.

"Fertilization Failure in IVF-ET Cycles - Reinsemination by Husband or Donor Sperm." Vth World Congress In Vitro Fertilization and Embryo Transfer, Norfolk, Virginia, April, 1987.

"An Automated System for Delivery of Dextran 70 at Hysteroscopy." 16th Annual Meeting, American Association of Gynecologic Laparoscopists, San Francisco, California, November, 1987.

"Comparison of Human Menopausal Gonadotropin (hMG), and Human Follicle Stimulating Hormone (hFSH) for Ovarian Stimulation in IVF-ET - A Prospective Study." Eighteenth Annual Meeting of the Society for Gynecologic Investigation, Baltimore, MD, March 1988.

"The Luteal Phase of Menotropin Stimulated In Vitro Fertilization and Embryo Transfer Cycles: Evaluation by Serum Measurements of a Progestin Induced Endometrial Protein." Binational Meeting of Germany/Israel Gynecology and Obstetrical Societies, Jerusalem, Israel, March, 1988.

"Reinsemination Following Failed In-Vitro Fertilization (IVF): Husband or Donor?" 44th Annual Meeting, American Fertility Society, Atlanta, Georgia, October, 1988.

"Transvaginal Ultrasound for Monitoring Ovarian Stimulation." First World Congress on Vaginosonography in Gynecology, (AAGL) Washington DC, June, 1988.

"Transvaginal Ultrasound in Monitoring Ovarian Stimulation and in Ova Recovery - Patient Preference." First World Congress on Vaginosonography in Gynecology, (AAGL) Washington DC, June, 1988.

"Transvaginal Ultrasound in Ovum Recovery in IVF-ET." First World Congress on Vaginosonography in Gynecology, (AAGL) Washington DC, June, 1988.

"Endometrial Factor and Conception Failure Following In Vitro Fertilization and Embryo Transfer (IVF-ET)." VI World Congress In Vitro Fertilization and Alternate Assisted Reproduction, Jerusalem, Israel, April 19 89.

"GnRH-a in Low and Poor Responders to Gonadotropin Ovarian Stimulation." 45th Annual Meeting of the American Fertility Society, November, 1989.