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**Increased Adiposity Enhances Intrafollicular Estradiol levels in Normoandrogenic Ovulatory Women Receiving GnRH Analog/Recombinant Human FSH Therapy for In Vitro Fertilization.** (J Clin Endocrinol Metab, in press). Dumesic DA, Lesnick TG, Abbott DH.

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**Pioglitazone improves insulin action and normalizes menstrual cycles in a nonhuman primate model of polycystic ovary syndrome.** (Reproductive Toxicology, in press). Zhou R, Bruns CM, Bird IM, Kemnitz JW, Goodfriend TL, Dumesic DA, Abbott DA.

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**Molecular Abnormalities in Oocytes from Women with Polycystic Ovary Syndrome Revealed by Microarray Analysis.** (J Clin Endocrinol Metab, in press). Wood JR, Dumesic DA, Abbott DH, Strauss JF.

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**Omental fat 11 $\beta$ -hydroxysteroid dehydrogenase type 1 is independently correlated with fat cell size despite downregulation of glucocorticoid receptor with obesity.** (Obesity, in press). Michailidou Z, Jensen MD, Dumesic D, Chapman KE, Seckl JR, Walker BR, Morton NM.

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**Follicle luteinization in hyperandrogenic follicles of polycystic ovary syndrome (PCOS) patients undergoing gonadotropin therapy for in vitro fertilization.** Foong SC, Abbott DH, Zschunke MA, Lesnick TG, Phy JL, Dumesic DA. J Clin Endocrinol Metab. 2006;91:2327-2333.

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**Diagnosis of polycystic ovaries by three-dimensional transvaginal ultrasound.** Allemand MC, Phy JL, Foong SC, Dumesic DA, Session DR, Tummon IS. Fertil Steril 2006;85:214-219.

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**Adrenal hyperandrogenism is induced by fetal androgen excess in a rhesus monkey model of polycystic ovary syndrome.** Zhou R, Bird IM, Dumesic DA, Abbott DH. J Clin Endocrinol Metab 2005;90:6630-6637.

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**Androgen excess fetal programming of female reproduction: a developmental etiology for polycystic ovary syndrome?** Abbott DH, Barnett DK, Bruns CM, Dumesic DA. Human Repro Update 2005;11:357-374.

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**Diminished intrafollicular estradiol (E2) levels in women with reduced ovarian responsiveness to recombinant human follicle stimulating hormone (FSH) therapy for in vitro fertilization (IVF).** Foong SC, Abbott DH, Lesnick TG, Session DR, Walker DL, Dumesic DA. Fertil Steril 2005;83:1377-1383.

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**Early Origins of Polycystic Ovary Syndrome (PCOS).** Dumesic DA, Schramm RD, Abbott DH. Reprod Fertil Dev 2005;17:349-360.

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**Vitrification versus programmable rate freezing of late stage murine embryos: a randomized comparison prior to application in clinical IVF.** Walker DL, Tummon IS, Hammitt DG, Session DR, Dumesic DA, Thornhill AR. *Reprod BioMed Online*, 2004;8(5):558-68 (article 1242).

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**Cumulative chance for first livebirth after cryopreservation of all embryos.** Tummon IS, Damario MA, Thornhill AR, Session DR, Dumesic DA, Contag SA. *Fertil Steril* 2004;81:309-314.

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**Insulin and Messenger Ribonucleic Acid Expression of Insulin Receptor Isoforms in Ovarian Follicles From Nonhirsute Ovulatory Women and Polycystic Ovary Syndrome Patients.** Phy JL, Conover CA, Abbott DH, Zschunke MA, Walker DL, Session DR, Tummon IS, Thornhill AR, Lesnick TG, Dumesic DA. *J Clin Endocrinol Metab* 2004;89:3561-3566.

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**Nonhuman primate models enhancing the understanding and treatment of ovarian-related infertility in women.** Abbott DH, Foong S, Barnett DK, Dumesic DA. *ILAR* 2004;45:116-131.

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**Transvaginal ultrasound (TVUS) detection of multifollicular ovaries (MFO) in nonhirsute ovulatory women.** Phy J, Foong S, Session D, Thornhill A, Tummon I, Dumesic DA. *Ultrasound Obstet Gynecol* 2004;23:183-187.

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**Regional uptake of meal fatty acids in humans.** Jensen MD, Sarr MG, Dumesic DA, Southorn PA, Levine JA. *Am J Physiol Endocrinol Metab* 2003;285:E1282-E1288.

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**Reduced Intrafollicular Androstenedione and Estradiol Levels in Early-Treated Prenatally Androgenized Female Rhesus Monkeys Receiving Follicle-Stimulating Hormone Therapy for In Vitro Fertilization.** Dumesic DA, Schramm RD, Bird IM, Peterson E, Paprocki AM, Zhou R, Abbott DH. *Biol Reprod* 2003;69:1213-1219.

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**Treatment of atypical endometrial hyperplasia with an insulin-sensitizing agent.** Session DR, Kalli KR, Tummon IS, Damario MA, Dumesic DA. *Ultrasound Obstet Gynecol Gynecol Endocrinol* 2003;17:405-407.

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**Ultrasound-guided unification of noncommunicating uterine cavities.** Mulleserill BT, Dumesic DA, Damario MA, Session DR. *JSL* 2003;7:155-157.

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**Prevalence and predictors of coronary artery calcification in women with polycystic ovary syndrome.** Christian RC, Dumesic DA, Behrenbeck T, Oberg AL, Sheedy PF, Fitzpatrick LA. *J Clin Endocrinol Metab* 2003;88(6):2562-2568.

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**Increased adiposity in female rhesus monkeys exposed to androgen excess during early gestation.** Eisner JR, Dumesic DA, Kemnitz JW, Colman RJ, Abbott DH. *Obes Res* 2003;11:279-286.

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**Prenatal programming of hyperandrogenism.** Abbott DH, Vasudevan JM, Eisner JR, Peterson EL, Zhou R, Dumesic DA. *J Adolesc Gynecol Reprod Menopause* 2002;14:258.

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**Developmental origin of polycystic ovary syndrome.** Abbott DH, Dumesic DA, Franks S. *J Endocrinol* 2002;174:1-5.

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**Impaired Developmental Competence of Oocytes in Adult Prenatally Androgenized Female Rhesus Monkeys Undergoing Gonadotropin Stimulation for In Vitro Fertilization.** Dumesic DA, Schramm RD, Peterson E, Paprocki AM, Zhou R, Abbott DH. *J Clin Endocrinol Metab* 2002;87:1111-9.

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**Ovarian hyperandrogenism in adult female rhesus monkeys exposed to prenatal androgen excess.** Eisner JR, Barnett MA, Dumesic DA, Abbott DH. *Fertil Steril* 2002;77:167-72.

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**Ovarian Morphology and Serum Hormone Markers as Predictors of Ovarian Follicle Recruitment by Gonadotropins for In Vitro Fertilization.** Dumesic DA, Damario MA, Session DR, Famuyide A, Lesnick TG, Thornhill AR, McNeilly AS. *J Clin Endocrinol Metab* 2001;86(6):2538-2543.

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**Immunohistochemical localization of fas (APO-1, CD95) and Fas ligand (CD95L) in the ovaries of women with polycystic ovarian syndrome: correlation with apoptosis.** Cataldo, NA, Dumesic DA, Goldsmith PC, Jaffe RB. *Hum Reprod* 2000;15:1889-97.

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**Timing of prenatal androgen excess determines differential impairment in insulin secretion and action in adult female rhesus monkeys.** Eisner JR, Dumesic DA, Kemnitz JW, Abbott DH. *J Clin Endocrinol Metab* 2000;85:1206-10.

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**Insulin Action During Variable Hyperglycemic-Hyperinsulinemic Infusions in Hyperandrogenic Anovulatory Patients and Normal Women.** Dumesic DA, Nielsen MF, Eisner JR, Abbott DH, Nair KS, Rizza RA. *Fertil Steril* 1999;72:458-66.

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**Crinone 8% vaginal progesterone gel results in lower embryonic implantation efficiency and higher rates of biochemical pregnancy loss following in vitro fertilization-embryo transfer.** Damario MA, Goudas V, Session DR, Hammitt DG, Dumesic DA. *Fertil Steril* 1999;72:830-6.

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**Blood on embryo transfer catheter is associated with decreased rates of embryo implantation and clinical pregnancy by IVF-ET.** Goudas VT, Hammitt DG, Damario MA, Session DR, Singh, AP, and Dumesic DA. *Fertil Steril* 1998;70:878-882.

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**Insights into the development of PCOS from studies of prenatally androgenized female rhesus monkeys.** Abbott DH, Dumesic DA, Eisner JR, Colman RJ, and Kemnitz JW. *Trends Endocrinol Metab* 1998;9(2):62-67.

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**Pituitary desensitization to gonadotropin releasing-hormone increases abdominal adiposity in hyperandrogenic women.** Dumesic DA, Abbott DH, Eisner JR, Herrmann RR, Reed JE, Welch TJ, Jensen MD. *Fertil Steril* 1998;70:94-101.

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**Estimated prevalence of undiagnosed glucose intolerance from hyperandrogenic anovulation among women requesting electrolysis.** Dumesic DA, Herrmann RR, O'Brien AM. *Int J Fertil* 1997;42(4):255-260.

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**Prenatal Exposure of female rhesus monkeys to testosterone propionate increases serum luteinizing hormone levels in adulthood.** Dumesic DA, Abbott DH, Eisner JR, Goy RW. *Fertil Steril* 1997;67(1):155-163.

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