

**Donghai Dai, MD, PhD**

**Articles:**

Davies S, Dai D, Feldman I, Pickett G, Leslie KK. Identification of a novel mechanism of NF-kappaB inactivation by progesterone through progesterone receptors in Hec50co poorly differentiated endometrial cancer cells: induction of A20 and ABIN-2. *Gynecol Oncol.* 2004 Aug;94(2):463-70.

Davies S, Dai D, Wolf DM, Leslie KK. Immunomodulatory and transcriptional effects of progesterone through progesterone A and B receptors in Hec50co poorly differentiated endometrial cancer cells. *J Soc Gynecol Investig.* 2004 Oct;11(7):494-9.

Leslie KK, Stein MP, Kumar NS, Dai D, Stephens J, Wandinger-Ness A, Glueck DH. Progesterone receptor isoform identification and subcellular localization in endometrial cancer. *Gynecol Oncol.* 2005 Jan;96(1):32-41.

Leslie KK, Laidler L, Albitar L, Davies S, Holmes A, Nguyen T, Bolnick J, Dai D. Tyrosine kinase inhibitors in endometrial cancer. *Int J Gynecol Cancer.* 2005;15(2):409-411.

Dai D, Albitar L, Nguyen T, Laidler LL, Singh M, Leslie KK. A therapeutic model for advanced endometrial cancer: systemic progestin in combination with local adenoviral-mediated progesterone receptor expression. *Mol Cancer Ther.* 2005 Jan;4(1):169-75.

Dai D, Holmes AM, Nguyen T, Davies S, Theele DP, Verschraegen C, Leslie KK. A potential synergistic anticancer effect of paclitaxel and amifostine on endometrial cancer. *Cancer Res.* 2005 Oct 15;65(20):9517-24.

Davies S, Dai D, Pickett G, Leslie KK. Gene regulation profiles by progesterone and dexamethasone in human endometrial cancer Ishikawa H cells. *Gynecol Oncol.* 2006 Apr;101(1):62-70. Epub 2005 Nov 11.

Cole LA, Dai D, Butler SA, Leslie KK, Kohorn EI. Gestational trophoblastic diseases: 1. Pathophysiology of hyperglycosylated hCG. *Gynecol Oncol.* 2006 Aug;102(2):145-50. Epub 2006 May 2.

Arias-Pulido H, Joste N, Chavez A, Muller CY, Dai D, Smith HO, Verschraegen CF. Absence of epidermal growth factor receptor mutations in cervical cancer. *Int J Gynecol Cancer.* 2008 Jul-Aug;18(4):749-54. Epub 2007 Oct 19.

Nayak TK, Hathaway HJ, Ramesh C, Arterburn JB, Dai D, Sklar LA, Norenberg JP, Prossnitz ER. Preclinical development of a neutral, estrogen receptor-targeted, tridentate 99mTc(I)-estradiol-pyridin-2-yl hydrazine derivative for imaging of breast and endometrial cancers. *J Nucl Med.* 2008 Jun;49(6):978-86.

**Scholarly Publications**

**Department of Obstetrics and Gynecology  
University of Iowa, Iowa City, IA**

*Dai D*

**Abstracts:**

Laidler LL, Dai D, Leslie KK, Effects of Iressa on endometrial cancer cell lines. Keystone Symposia hormonal Regulation of Tumorigenesis. Monterey, California, February 20-25, 2005

Davies S, Dai D, Pickett G, Leslie KK, Differential gene regulation by the two progesterone receptor isoforms in human poorly-differentiated Hec50co endometrial cancer cells. Key Stone Symposia hormonal Regulation of Tumorigenesis. Monterey, California, February 20-25, 2005

Dai D, Albitar L, Nguyen T, Laidler L, Singh M, Leslie KK, Inhibition of endometrial cancer growth through re-institution of progesterone signaling. Key Stone Symposia hormonal Regulation of Tumorigenesis. Monterey, California, February 20-25, 2005

Davies S, Dai D, Pickett G, Leslie KK, Genomic analysis identifies PRA/PRB as the most transcriptionally active progesterone receptor dimer in human poorly-differentiated Hec50co endometrial cancer cells. The 52nd Annual Meeting of Society for Gynecologic Investigation. Los Angeles, California. March 23-26, 2005

Laidler L, Dai D, Leslie KK, Effects of Iressa on endometrial cancer cell lines. The 52nd Annual Meeting of Society for Gynecologic Investigation. Los Angeles, California. March 23-26, 2005

Dai D, Holmes A, Nguyen T, Davies S, Leslie KK, Synergistic anti-cancer effects of paclitaxel and amifostine in endometrial cancer. Oral presentation in the 52nd Annual Meeting of Society for Gynecologic Investigation. Los Angeles, California. March 23-26, 2005

Davies S, Dai D, Pickett G, Leslie KK, Overlapping but distinct gene regulation profiles by progesterone and dexamethasone in human endometrial cancer ishikawah cells. The 52nd Annual Meeting of Society for Gynecologic Investigation. Los Angeles, California. March 23-26, 2005

Atlas SR, Luo W, Wu F, Fischer E, Dai D, Phylogenetic analysis of tumors. The Annual Meeting of American Association for Cancer Research. San Diego, California. April 12-16, 2008.

Dai D, Luo W, Wu F, Atlas SR, Defining intra-tumor mutational pathways through chronological annotation. The Annual Meeting of American Association for Cancer Research. San Diego, California. April 12-16, 2008.

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