Judith L. Turgeon, Ph.D.

Clinical Interests Judith L. Turgeon's research encompasses cellular endocrinology; signal transduction pathways in the regulation of secretion in anterior pituitary cells; crosstalk between peptide hormone receptor pathways and steroid hormone receptors; and reproductive endocrinology.

Title Professor

Specialty Reproductive Endocrinology and Infertility

Department Internal Medicine

Division Endocrinology, Diabetes, and Metabolism

Education Ph.D., University of Kansas, Kansas City, Kansas, 1969
B.A., Washburn University, Topeka, Kansas, 1965

Residency University of Maryland School of Medicine, Balitmore , MD
University of Maryland School of Medicine, Baltimore, Maryland, 1969-71

Professional Memberships Endocrine Society
Society for Study of Reproduction
Women in Endocrinology

Honors and Awards Dean's Excellence in Mentoring Award, 2010

Select Recent Publications

Yuen T, Choi SG, Pincas H, Waring DW, Sealfon SC, Turgeon JL.Optimized amplification and single-cell analysis identify GnRH-mediated activation of Rap1b in primary rat gonadotropes. Mol Cell Endocrinol. 2012 Mar 5;350(1):10-9

Duleba AJ, Ahmed MI, Sun M, Gao AC, Villanueva J, Conley AJ, Turgeon JL, Benirschke K, Gee NA, Chen J, Green PG, Lasley BL. Effects of triclocarban on intact immature male rat: augmentation of androgen action. Reproductive Science 2010; 18(2):119-127.

Waring, D.W. and J.L. Turgeon, Ca2+-activated K+ channels in GnRH-stimulated mouse gonadotrophs. Endocrinology 150(5):2264-2272, 2009.

Waring, D.W. and J.L. Turgeon. Estradiol inhibition of voltage-activated and GnRH-induced currents in mouse gonadotrophs. Endocrinology 147(12):5798-5805, 2006.

Turgeon, J.L., Carr, M.C., Maki, P., Mendelsohn, M.E., and P.M. Wise. Complex actions of sex steroids in adipose tissue, the cardiovascular system, and brain: insight from basic science and clinical studies. Endocr Rev 27:575-605, 2006.

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Turgeon, J.L. and D. W. Waring. Differential expression and regulation of progesterone receptor isoforms in rat and mouse pituitary cells and LBT2 gonadotropes. J Endocrinol 190: 837-846, 2006.

Turgeon, J.L., McDonald, D.P., Martin, K.A., and P.M. Wise. Hormone therapy: physiological complexity belies therapeutic simplicity. Science 304: 1269-1273, 2004.

Turgeon, J.L. and D.W. Waring. Luteinizing hormone secretion from wild-type and progesterone receptor knockout mouse anterior pituitary cells. Endocrinology 142 (7):3108-3115, 2001.

Turgeon, J. L., Shyamala, G., and D. W. Waring. PR localization and anterior pituitary cell populations in vitro in ovariectomized wild-type and PR-knockout mice. Endocrinology 142 (10): 4479-4485, 2001.

Turgeon, J. L. and D. W. Waring. Progesterone regulation of the progesterone receptor in rat gonadotropes. Endocrinology 141(9):3422-3429, 2000.

Turgeon, J. L. and D. W. Waring. Androgen modulation of LH secretion by female rat gonadotropes. Endocrinology 140 (4):1767-1774, 1999.

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