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Selected Publications

Pondugula SR, Flannery PC, Abbott KL, Coleman ES, Mani S, Samuel T, Xie W. Diindolylmethane, a naturally occurring compound, induces CYP3A4 and MDR1 gene expression by activating human PXR. *Toxicol Lett* (In Press).

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Pondugula SR, Kampalli SB, Wu T, De Lisle RC, Raveendran NN, Harbidge DG, Marcus DC. cAMP-stimulated Cl⁻ secretion is increased by glucocorticoids and inhibited by bumetanide in semicircular canal duct epithelium. *BMC Physiol.* Mar 27;13:16, 2013.

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Kim SH, Kim KX, Raveendran NN, Wu T, **Pondugula SR**, Marcus DC. Regulation of Epithelial Sodium Channel (ENaC)-Mediated Sodium Transport by Glucocorticoids in Reissner's Membrane Epithelium. *Am J Physiol Cell Physiol.* 2009 Mar;296(3):C544-57.

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Pondugula SR, Sanneman JD, Wangemann P, Milhaud PG, Marcus DC. Glucocorticoids stimulate cation absorption by semicircular canal duct epithelium via epithelial sodium channel. *Am J Physiol Renal Physiol*. 2004 Jun; 286(6):F1127-35.

Milhaud PG, **Pondugula SR**, Lee JH, Herzog M, Lehouelleur J, Wangemann P, Sans A, Marcus DC. Chloride secretion by semicircular canal duct epithelium is stimulated via β_2 -adrenergic receptors. *Am J Physiol Cell Physiol*. 2002 Dec; 283(6):C1752-60.