

Maureen Peters - Presentations and Publications

Presentations

2005 International Worm Meeting, Neural Development and Synaptic Function Session. *Innexin-16* is required for signals downstream of the defecation clock. Peters, M. A., Teramoto, T., Iwasaki, K., and Jorgensen, E. M.

2004 West Coast Worm Meeting, Behavior Session. Signals downstream of the defecation clock require intercellular communication in the intestine. Peters, M. A. and Jorgensen, E. M.

Publications

Sen, J., Harpavat, S., Peters, M. A., and Cepko, C. L. (2005) Retinoic acid regulates the expression of dorsoventral topographic guidance molecules in the chick retina. *Development*. 2005 Dec;132(23):5147-59.

Schulte, D., Peters, M. A., Sen, J., and Cepko, C. L. (2005) The rod photoreceptor pattern is set at the optic vesicle stage and requires spatially restricted cVax expression. *Journal of Neuroscience* 25, (11), 2823-2831.

Peters, M. A., Cepko, C. L. (2002). The dorsal-ventral axis of the neural retina is divided into multiple domains of restricted gene expression which exhibit features of lineage compartments. *Developmental Biology* 251, (1), 59-73.

Peters, M. A. (2002). Patterning the neural retina. *Current Opinions in Neurobiology* 12, 43-48. (invited review)

Chang B., Smith R. S., Peters M., Savinova O. V., Hawes N. L, Zabaleta A., Nusinowitz S., Martin J. E, Davisson M. L, Cepko C. L, Hogan B. L, John S. W. (2001) Haploinsufficient Bmp4 ocular phenotypes include anterior segment dysgenesis with elevated intraocular pressure. *Biomed Central Genetics* 2 (1):18.

Liu, W., Khare, S. L., Liang, X., Peters, M. A., Liu, X., Cepko, C. L. and Xiang, M. (2000). All Brn3 genes can promote retinal ganglion cell differentiation in the chick. *Development* 127, 3237-3247.

Schulte, D.* Furukawa, T.* Peters, M. A.* Kozak, C. A., and Cepko, C. L. (1999). Misexpression of the Emx-related homeobox genes cVax and mVax2 ventralizes the retina and perturbs the retinotectal map. *Neuron* 24, 514-553. * equivalent contributions

Chen, C. M. A,* Smith, D. M.,* Peters, M. A., Samson, M. E. S., Zitz, J., Tabin, C. J., and Cepko, C. L. (1999). Production and design of more effective avian replication-incompetent retroviral vectors. *Developmental Biology* 214, 370-384.