

Research papers in referred journals: (up to Aug 2018)

1. C.Y. Lin, L. Zhao, T. Huang, L. Lu, M. Khan, J. Liu, L.L.D. Zhong, Z.W. Cai, B.M. Fan, A.O.L. Wong, and Z.X. Bian (2018) Spexin acts as novel regulator for bile acid synthesis. Frontiers in Physiology, 9:378 / doi: 10.3389/fphys.2018.00378.
2. A. Ma, J. Bai, M. He, and A.O.L. Wong (2018) Spexin as a neuroendocrine signal with emerging functions in mammals and fish models. Gen Comp Endocrinol, 265:90-96 / doi: 10.1016/j.ygcen.2018.01.015.
3. Q. Jiang, J. Bai, M. He, K.W.Y. Yuen, and A.O.L. Wong (2018) Mechanisms underlying the synergistic action of insulin and growth hormone on IGF-I and -II expression in grass carp hepatocytes. Frontiers in Endocrinology 9:336 / doi: 10.3389/fendo.2018.00336.
4. C.Y. Lin, J. Bai, M. He, and A.O.L. Wong (2018) Grass carp prolactin gene: Structural organization and signal transduction for PACAP-induced prolactin promoter activity. Sci Rep 8:4655 / DOI:10.1038/s41598-018-23092-0.
5. R.S.K. Fung, J. Bai, M. He, K.W.Y. Yuen, and A.O.L. Wong (2017) Grass carp follistatin: Molecular cloning, functional characterization, dopamine D1 regulation at pituitary level and implication in growth hormone regulation. Frontiers in Endocrinology 8:211 / doi: 10.3389/fendo.2017.00211.
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7. G. Hu, M. He, W.K.W. Ko, and A.O.L. Wong (2017) TAC1 gene products regulate pituitary hormone secretion and gene expression in prepubertal grass carp pituitary cells. Endocrinology 158:1-22.
8. A. Ma, M. He, J. Bai, M.K.H. Wong, W.K.W. Ko, and A.O.L. Wong (2017) Dual role of insulin in spexin regulation : Functional link between food intake and spexin expression in fish model. Endocrinology 158:560-577.
9. C. Lin, X. Jiang, M. He, L. Zhao, T. Huang, Z. Bian, and A.O.L. Wong (2017) Mechanisms for PACAP-induced prolactin gene expression in grass carp pituitary cells. J. Endocrinol 233:1-15.
10. G. Hu, M. He and A.O.L. Wong (2016) Novel functional role of NK3R expression in the potentiating effects on somatolactin  $\alpha$  autoregulation in grass carp pituitary cells. Sci Rep 6:36102-36114 / doi: 10.1038
11. X. Jiang, J. Xiao, M. He, A. Ma, and A.O.L. Wong (2016) Type II SOCS as feedback repressor for GH-induced IGF1 expression in carp hepatocytes. J Endocrinol 229:171-186
12. C. Lin, X. Jiang, G. Fu, W.K.W. Ko, and A.O.L. Wong (2015) Grass carp prolactin: Molecular cloning, tissue expression, intrapituitary autoregulation by prolactin and paracrine regulation by growth hormone and luteinizing hormone. Mol Cell Endocrinol 399:367-283
13. Q. Jiang, M. He, W.K.O. Ko and A.O.L. Wong (2014) Kisspeptin induction of somatolactin  $\alpha$  release in goldfish pituitary cells: Functional role of cAMP/PKA-, PLC/PKC-, and Ca<sup>2+</sup>/calmodulin-dependent cascades. Am J Physiol Endocrinol Metab 307:E872-884.
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15. G. Hu, M. He, W.K.W. Ko, C. Lin, and A.O.L. Wong (2014) Novel pituitary actions of TAC3 gene products in fish model: - Receptor specificity and signal transduction for prolactin and somatolactin  $\alpha$  regulation by neurokinin B (NKB) and NKB- related peptide in carp pituitary cells. Endocrinology 155:3582-3596.

16. Q. Jiang and A.O.L. Wong (2014) Somatostatin-28 inhibitory action on somatolactin  $\alpha$  and  $\beta$  gene expression in goldfish. Am J Physiol Regul Integr Comp Physiol 307:R755-R768.
17. C. Sun, M. He, W.K.W. Ko, and A.O.L. Wong (2014) Mechanisms for luteinizing hormone induction of growth hormone gene transcription in fish model: Crosstalk of the cAMP/PKA pathway with MAPK- and PI3K-dependent cascades. Mol. Cell Endocrinol 382:835-850
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33. X. Wang, M.M. Chu, and A.O.L. Wong (2007) Signaling mechanisms for  $\alpha$ 2-adrenergic inhibition of PACAP-induced growth hormone secretion and gene expression in grass carp pituitary cells.. Am. J. Physiol. Endocrinol. Metab. 292: E1750 -E1762
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