

Prof Gareth Leng
Selected publications

2012

Menzies JRW, Karolina P, Skibicka KP, Emil Egecioglu E, Leng G., Dickson SL (2012) Peripheral signals modifying food reward (in press)

2011

Leng G, Caquineau C (2011) Oxytocin and appetite Handbook of Behavior, Food and Nutrition (Eds Preedy VR.; Watson RR; Martin CR). ISBN 978-0-387-92270-6
<http://www.springer.com/public+health/book/978-0-387-92270-6>

Leng G, Ludwig M, Douglas AJ (2011) Neural control of the posterior pituitary gland (neurohypophysis) Handbook of Neuroendocrinology Elsevier, in press

Clayton T, Cameron K, Rae BR, Sabatier N, Charbon E, Henderson RK, Leng G, Murray A (2011) An Implementation of a Spike-Response Model With Escape Noise Using an Avalanche Diode. IEEE Transactions on Biomedical Circuits and Systems 5:231-243.

2010

Zhang XJ, Leng G, Feng JF (2010) Coherent peptide-mediated activity in a neuronal network controlled by subcellular signaling pathway: Experiments and modeling. Journal of Biotechnology 149:215-225.

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Leng G, Moos FC, Armstrong WE (2010) The adaptive brain: Glenn Hatton and the supraoptic nucleus *Journal of Neuroendocrinology* 22, 318–329

Leng G, Meddle SM (2010) In *Perspectives on Vasopressin*, Laycock JF (ed) World Scientific, ISBN 1848162944

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Tobin VA, Hashimoto H, Wacker DW, Takayanagi Y, Langnaese K, Caquineau C, Noack J, Landgraf R, Onaka T, Leng G, Meddle SL, Engelmann M, Ludwig M (2010) An intrinsic vasopressin system in the olfactory bulb is involved in social recognition. *Nature* 464:413-U110.

Tobin VA, Leng G, Ludwig M, Douglas AJ (2010) Increased Sensitivity of Monoamine Release in the Supraoptic Nucleus in Late Pregnancy: Region- and Stimulus-Dependent Responses. *Journal of Neuroendocrinology* 22:430-437. PMID: 20088909

Velmurugan S, Brunton P, Leng G, Russell J (2010) Circulating Secretin Activates Supraoptic Nucleus Oxytocin and Vasopressin Neurons via Noradrenergic Pathways in the Rat. *Endocrinology* 151:2681-2688

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