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#### Co-authored Papers:

1. Ikeda, M., T. Sugiyama, K. Suzuki, T. Moriya, S. Shibata, M. Katsuki, **C.N. Allen**, and T. Yoshioka. PLC- $\beta$ 4-independent  $\text{Ca}^{2+}$  rise via muscarinic receptors in the mouse suprachiasmatic nucleus. *NeuroReport* 11:907–912, 2000. [PMID:10790853](#)
2. Burrows, G.G., Y.K. Chou, C. Wang, J.W. Chang, T.P. Finn, N.E. Culbertson, J. Kim, D.N. Bourdette, D.A. Lewinsohn, D.M. Lewinsohn, M. Ikeda, T. Yoshioka, **C.N. Allen**, H. Offner, and A.A. Vandembark. Rudimentary TCR signaling triggers default IL-10 secretion by human Th1 cells. *Journal of Immunology* 167(8):4386–4395, 2001. [PMID:11591763](#)
3. Nelson, C.S., M. Ikeda, H.S. Gompf, M.L. Robinson, N.K. Fuchs, T. Yoshioka, K.A. Neve and **C.N. Allen**. Regulation of melatonin 1a receptor signaling and trafficking by asparagine-124. *Molecular Endocrinology* 15 (8): 1306–1317, 2001. [PMID:11463855](#)
4. Ikeda, M., M. Sagara, Y. Sekino, T. Shirao, K. Honda, T. Yoshioka, **C.N. Allen**, and S. Inou $\bar{c}$ . The sulphhydryl reagent, N-ethylmaleimide, disrupts sleep and blocks A1 adenosine receptor-mediated inhibition of intracellular calcium signaling in the in vitro ventromedial preoptic nucleus. *Neuroscience*, 106:733–743, 2001. [PMID:11682159](#)
5. Ikeda, M., H. Shinagawa, T. Shinoe, T. Sugiyama, C. Nelson, **C.N. Allen**, D.K. Grandy, and T. Yoshioka. Cyclic AMP determines presence or absence of calcium transients released from  $\text{IP}_3$ -sensitive stores by activation of cloned rat  $\kappa$ -opioid receptors expressed in CHO cells. *Cell Calcium* 29:39–48, 2001. [PMID:11133354](#)
6. Moriya, T., M. Ikeda, K. Teshima, R. Hara, T. Yoshioka, **C.N. Allen**, and S. Shibata. Facilitation of  $\alpha$ -amino-3-hydroxy-5-methylisoxazole-4-propionate receptor transmission in the suprachiasmatic nucleus by aniracetam enhances photic

- entrainment of the biological clock in rodents. *Journal of Neurochemistry* 85:978–987, 2003. [PMID:12716429](#)
7. Ikeda, M., and **C. N. Allen**. Developmental changes in calbindin-D28k and calretinin immunoreactive neurons in the mouse suprachiasmatic nucleus. *European Journal of Neuroscience* 17:1111–1118, 2003. [PMID:12653](#)
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  9. Ikeda, M., T. Sugiyama, C.S. Wallace, H.S. Gompf, T. Yoshioka, A. Miyawaki, and **C.N. Allen**. Circadian dynamics in cytosolic and nuclear  $Ca^{2+}$  in single suprachiasmatic nucleus neurons. *Neuron* 38:253–263, 2003. [PMID:12718859](#)
  10. Ikeda, M., S. Suzuki, M. Kishio, M. Hirono, T. Sugiyama, J. Matsuura, T. Suzuki, T. Sota, **C.N. Allen**, S. Konishi, and T. Yoshioka. Hydrogen–deuterium exchange effects on b–endorphin release from AtT20 murine pituitary tumor cells. *Biophysical Journal* 86:565–575, 2004. [PMID: PMC1303825](#)