

## Publications for Tina Hinton

### 2019

Hinton, T., Jelinek, H., Viengkhou, V., Johnston, G., Matthews, S. (2019). Effect of GABA-Fortified Oolong Tea on Reducing Stress in a University Student Cohort. *Frontiers in Nutrition*, 6, 1-8. <a href="http://dx.doi.org/10.3389/fnut.2019.00027">[More Information]</a>

Aishah, A., Hinton, T., Waters, K., Machaalani, R. (2019). The  $\alpha 3$  and  $\alpha 4$  nicotinic acetylcholine receptor (nAChR) subunits in the brainstem medulla of sudden infant death syndrome (SIDS). *Neurobiology of Disease*, 125, 23-30. <a href="http://dx.doi.org/10.1016/j.nbd.2019.01.010">[More Information]</a>

### 2018

Hinton, T., Johnston, G. (2018). Antagonists of Ionotropic Receptors for the Inhibitory Neurotransmitter GABA: Therapeutic Indications. In Janko Samardzic (Eds.), *GABA And Glutamate - New Developments In Neurotransmission Research*, (pp. 91-105). Serbia: IntechOpen. <a href="http://dx.doi.org/10.5772/intechopen.72678">[More Information]</a>

Hinton, T., Johnston, G. (2018). GABA, The Major Inhibitory Neurotransmitter in the Brain. *Reference Module in Biomedical Sciences*. United States: Elsevier. <a href="http://dx.doi.org/10.1016/B978-0-12-801238-3.96594-2">[More Information]</a>

Machaalani, R., Ghazavi, E., Hinton, T., Makris, A., Hennessy, A. (2018). Immunohistochemical expression of the nicotinic acetylcholine receptor (nAChR) subunits in the human placenta, and effects of cigarette smoking and preeclampsia. *Placenta*, 71, 16-23. <a href="http://dx.doi.org/10.1016/j.placenta.2018.09.008">[More Information]</a>

Skilbeck, K., Johnston, G., Hinton, T. (2018). Long-lasting effects of early-life intervention in mice on adulthood behaviour, GABAA receptor subunit expression and synaptic clustering. *Pharmacological Research*, 128, 179-189. <a href="http://dx.doi.org/10.1016/j.phrs.2017.09.021">[More Information]</a>

McLaughlin, P., Baglin, J., Chester, A., Davis, P., Saha, S., Mills, A., Poronnik, P., Hinton, T., Lawson, J., Hadgraft, R. (2018). The global canopy: Propagating discipline-based global mobility. In Timothy Hall, Tonia Gray, Greg Downey, Michael Singh (Eds.), *The Globalisation of Higher Education, Developing Internationalised Education Research and Practice*, (pp. 79-100). Cham: Palgrave Macmillan. <a href="http://dx.doi.org/10.1007/978-3-319-74579-4\_5">[More Information]</a>

### 2017

Aishah, A., Hinton, T., Machaalani, R. (2017). Cellular protein and mRNA expression of (beta)1 nicotinic acetylcholine receptor (nAChR) subunit in brain, skeletal muscle and placenta. *International Journal of Developmental Neuroscience*, 58, 9-16. <a href="http://dx.doi.org/10.1016/j.ijdevneu.2017.01.011">[More Information]</a>

Ng, C., Duke, R., Hinton, T., Johnston, G. (2017). Effects of

bilobalide, ginkgolide B and picrotoxinin on GABAA receptor modulation by structurally diverse positive modulators. *European Journal of Pharmacology*, 806, 83-90. <a href="http://dx.doi.org/10.1016/j.ejphar.2017.04.019">[More Information]</a>

Hinton, T., Hanrahan, J., Johnston, G. (2017). Flavonoid Actions on Receptors for the Inhibitory Neurotransmitter GABA. In Goncalo C Justino (Eds.), *Flavonoids: From Biosynthesis to Human Health*, (pp. 335-350). Rijeka: InTech. <a href="http://dx.doi.org/10.5772/67971">[More Information]</a>

Hinton, T. (2017). Introduction to the Special issue Country in focus: Pharmacology in Australia. *Pharmacological Research*, 116, 1. <a href="http://dx.doi.org/10.1016/j.phrs.2016.12.012">[More Information]</a>

Hinton, T., Yeoman, P., Ashor, L., Poronnik, P. (2017). Spaces enabling change: X-lab and science education 2020. In L. Carvalho, P. Goodyear, M. de Laat (Eds.), *Place-based spaces for networked learning*, (pp. 207-224). New York: Routledge. <a href="http://dx.doi.org/10.4324/9781315724485-15">[More Information]</a>

### 2016

Ng, C., Duke, R., Hinton, T., Johnston, G. (2016). GABAA receptor cysteinyl mutants and the ginkgo terpenoid lactones bilobalide and ginkgolides. *European Journal of Pharmacology*, 777, 136-146. <a href="http://dx.doi.org/10.1016/j.ejphar.2016.03.007">[More Information]</a>

Locock, K., Bakas, T., Sanai, F., Allan, R., Hinton, T. (2016). What Is the "Areca" in "Areca Nuts? Extraction and Neuroactive Bioassay of Arecoline. *Journal of Chemical Education*, 93(1), 197-201. <a href="http://dx.doi.org/10.1021/acs.jchemed.5b00312">[More Information]</a>

### 2015

Machaalani, R., Ghazavi, E., David, R., Hinton, T., Makris, A., Hennessy, A. (2015). Nicotinic acetylcholine receptors (nAChR) are increased in the pre-eclamptic placenta. *Hypertension in Pregnancy*, 34(2), 227-240. <a href="http://dx.doi.org/10.3109/10641955.2015.1009545">[More Information]</a>

### 2014

Machaalani, R., Ghazavi, E., Hinton, T., Waters, K., Hennessy, A. (2014). Cigarette smoking during pregnancy regulates the expression of specific nicotinic acetylcholine receptor (nAChR) subunits in the human placenta. *Toxicology and Applied Pharmacology*, 276(3), 204-212. <a href="http://dx.doi.org/10.1016/j.taap.2014.02.015">[More Information]</a>

Hinton, T., Yeoman, P., Carvalho, L., Parisio, M., Day, M., Byrne, S., Bell, A., Donohoe, K., Radford, J., Tregloan, P., Poronnik, P., Goodyear, P. (2014). Participating in the communication of science: Identifying relationships between laboratory space designs and students' activities. *International Journal of Innovation in Science and Mathematics Education*,

## 2013

Lloyd, H., Hinton, T., Bullock, S., Babey, A., Davis, E., Fernandes, L., Hart, J., Musgrave, I., Ziogas, J. (2013). An evaluation of pharmacology curricula in Australian science and health-related degree programs. *BMC Medical Education*, 13(1), 1-15. <a href="http://dx.doi.org/10.1186/1472-6920-13-153">[More Information]</a>

## 2010

Skilbeck, K., Johnston, G., Hinton, T. (2010). Stress and GABA(A) Receptors. *Journal of Neurochemistry*, 112(5), 1115-1130. <a href="http://dx.doi.org/10.1111/j.1471-4159.2009.06539.x">[More Information]</a>

## 2009

Chebib, M., Hinton, T., Schmid, K., Brinkworth, D., Qian, H., Matos, S., Kim, H., Abdel-Halim, H., Kumar, R., Johnston, G., Hanrahan, J. (2009). Novel, potent and selective GABAC antagonists inhibit myopia development and facilitate learning and memory. *Journal of Pharmacology and Experimental Therapeutics*, 328(2), 448-457. <a href="http://dx.doi.org/10.1124/jpet.108.146464">[More Information]</a>

## 2008

Hinton, T., Chebib, M., Johnston, G. (2008). Enantioselective actions of 4-amino-3-hydroxybutanoic acid and (3-amino-2-hydroxypropyl)methylphosphinic acid at recombinant GABA(C) receptors. *Bioorganic and Medicinal Chemistry Letters*, 18(1), 402-404. <a href="http://dx.doi.org/10.1016/j.bmcl.2007.10.019">[More Information]</a>

Skilbeck, K., Hinton, T., Johnston, G. (2008). Sex-differences and stress: effects on regional high and low affinity [3H]GABA binding. *Neurochemistry International*, 52(6), 1212-1219. <a href="http://dx.doi.org/10.1016/j.neuint.2008.01.001">[More Information]</a>

Hinton, T., Johnston, G. (2008). The role of GABA-A receptors in schizophrenia. *Cell Science Reviews*, 5, 180-194.

## 2007

Skilbeck, K., O'Reilly, J., Johnston, G., Hinton, T. (2007). Antipsychotic drug administration differentially affects [(3)H]muscimol and [(3)H]flunitrazepam GABA(A) receptor binding sites. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 32(2), 492-498. <a href="http://dx.doi.org/10.1016/j.pnpbp.2007.10.003">[More Information]</a>

Skilbeck, K., O'Reilly, J., Johnston, G., Hinton, T. (2007). The effects of antipsychotic drugs on GABAA receptor binding depend on period of drug treatment and binding site examined. *Schizophrenia Research*, 90(39508), 76-80. <a href="http://dx.doi.org/10.1016/j.schres.2006.11.009">[More Information]</a>

## 2006

Skilbeck, K., O'Reilly, J., Johnston, G., Hinton, T. (2006). Antipsychotic drug effects on GABA(A) receptors. *Australasian Schizophrenia Conference 2006*, United Kingdom: Taylor & Francis.

## 2004

Schleimer, S., Hinton, T., Dixon, G., Johnston, G. (2004). Gaba

Transporters Gat-1 And Gat-3 In The Human Dorsolateral Prefrontal Cortex In Schizophrenia. *Neuropsychobiology*, 50(3), 226-230. <a href="http://dx.doi.org/10.1159/000079975">[More Information]</a>