

Publications for Petra Van Nieuwenhuijzen

2017

Bakas, T., van Nieuwenhuijzen, P., Devenish, S., McGregor, I., Arnold, J., Collins, M. (2017). The direct actions of cannabidiol and 2-arachidonoyl glycerol at GABA A receptors. *Pharmacological Research*, 119, 358-370. [More Information]

2016

Lee, H., Absalom, N., Hanrahan, J., van Nieuwenhuijzen, P., Ahring, J., Chebib, M. (2016). A pharmacological characterization of GABA, THIP and DS2 at binary alpha4Beta3 and Beta3delta receptors: GABA activates Beta3delta receptors via the Beta3(+)/delta(-) interface. *Brain Research*, 1644, 222-230. [More Information]

Che Has, A., Absalom, N., van Nieuwenhuijzen, P., Clarkson, A., Ahring, J., Collins, M. (2016). Zolpidem is a potent stoichiometry-selective modulator of (alpha)1(beta)3 GABAA receptors: evidence of a novel benzodiazepine site in the (alpha)1-(alpha)1 interface. *Scientific Reports*, 6, 1-12. [More Information]

2014

van Nieuwenhuijzen, P., McGregor, I., Chebib, M., Hunt, G. (2014). Regional Fos-expression induced by Î³-hydroxybutyrate (GHB): Comparison with Î³-butyrolactone (GBL) and effects of co-administration of the GABAB antagonist SCH 50911 and putative GHB antagonist NCS-382. *Neuroscience*, 277, 700-715. [More Information]

2013

Karanges, E., Kashem, M., Sarker, R., Ahmed, E., Ahmed, S., van Nieuwenhuijzen, P., Kemp, A., McGregor, I. (2013). Hippocampal protein expression is differentially affected by chronic paroxetine treatment in adolescent and adult rats: a possible mechanism of "paradoxical" antidepressant responses in young persons. *Frontiers in Pharmacology*, 4, 1-13. [More Information]

2011

Hunt, G., van Nieuwenhuijzen, P., Chan-Ling, T., McGregor, I. (2011). 'When an old rat smells a cat': a decline in defense-related, but not accessory olfactory, Fos expression in aged rats. *Neurobiology of Aging*, 32(4), 737-749. [More Information]

2010

van Nieuwenhuijzen, P., Kashem, M., Matsumoto, I., Hunt, G., McGregor, I. (2010). A long hangover from party drugs: Residual proteomic changes in the hippocampus of rats 8 weeks after gamma-hydroxybutyrate (GHB), 3,4-methylenedioxyamphetamine (MDMA) or their combination. *Neurochemistry International*, 56(8), 871-877. [More Information]

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van Nieuwenhuijzen, P., Long, L., Hunt, G., Arnold, J., McGregor, I. (2010). Residual social, memory and oxytocin-related changes in rats following repeated exposure to gamma-hydroxybutyrate (GHB), 3,4-methylenedioxyamphetamine (MDMA) or their combination. *Psychopharmacology*, 212(4), 663-674. [More Information]

2009

van Nieuwenhuijzen, P., McGregor, I., Hunt, G. (2009). The distribution of gamma-hydroxybutyrate-induced Fos expression in rat brain: Comparison with baclofen. *Neuroscience*, 158(2), 441-455. [More Information]

van Nieuwenhuijzen, P., Li, K., Hunt, G., McGregor, I. (2009). Weekly gamma-hydroxybutyrate exposure sensitizes locomotor hyperactivity to low-dose 3,4-methylenedioxyamphetamine in rats. *Neuropsychobiology*, 60(3-4), 195-203. [More Information]

2008

Staples, L., Hunt, G., van Nieuwenhuijzen, P., McGregor, I. (2008). Rats discriminate individual cats by their odor: Possible involvement of the accessory olfactory system. *Neuroscience and Biobehavioral Reviews*, 32(7), 1209-1217. [More Information]

2007

Chan-Ling, T., Hughes, S., Baxter, L., Rosinova, E., McGregor, I., Morcos, Y., van Nieuwenhuijzen, P., Hu, P. (2007). Inflammation and breakdown of the blood-retinal barrier during "physiological aging" in the rat retina: A model for CNS aging. *Microcirculation*, 14(1), 63-76. [More Information]

2004

Clemens, K., van Nieuwenhuijzen, P., Li, K., Cornish, J., Hunt, G., McGregor, I. (2004). Mdma ('Ecstasy'), Methamphetamine And Their Combination: Long-Term Changes In Social Interaction And Neurochemistry In The Rat. *Psychopharmacology*, 173(38445), 318-325. [More Information]