

O. Manzoni, selected papers :

1. Kahn, L., G. Alonso, E. Normand, and O.J. Manzoni, *Repeated morphine treatment alters polysialylated neural cell adhesion molecule, glutamate decarboxylase-67 expression and cell proliferation in the adult rat hippocampus*. Eur J Neurosci, 2005. 21(2): p. 493-500.
2. Jakolski, F., C. Mulle, and O. Manzoni, *An automated method to quantify and visualize co-localized fluorescent signals*. Journal of Neuroscience Methods, 2005. accepted.
3. Venance, L., R. Maldonado, and O. Manzoni, *[Endocannabinoids in the central nervous system]*. Med Sci (Paris), 2004. 20(1): p. 45-53.
4. Mato, S., V. Chevaleyre, D. Robbe, A. Pazos, P.E. Castillo, and O.J. Manzoni, *A single in-vivo exposure to delta 9THC blocks endocannabinoid-mediated synaptic plasticity*. Nat Neurosci, 2004. 7(6): p. 585-6.
5. Fourgeaud, L., S. Mato, D. Bouchet, A. Hemar, P.F. Worley, and O.J. Manzoni, *A single in vivo exposure to cocaine abolishes endocannabinoid-mediated long-term depression in the nucleus accumbens*. J Neurosci, 2004. 24(31): p. 6939-45.
6. Robbe, D., G. Alonso, S. Chaumont, J. Bockaert, and O.J. Manzoni, *Role of p/q-Ca²⁺ channels in metabotropic glutamate receptor 2/3-dependent presynaptic long-term depression at nucleus accumbens synapses*. J Neurosci, 2002. 22(11): p. 4346-56.
7. de Chaldee, M., M.C. Gaillard, N. Bizat, J.M. Buhler, O. Manzoni, J. Bockaert, P. Hantraye, E. Brouillet, and J.M. Elalouf, *Quantitative assessment of transcriptome differences between brain territories*. Genome Res, 2003. 13(7): p. 1646-53.
8. Robbe, D., M. Kopf, A. Remaury, J. Bockaert, and O.J. Manzoni, *Endogenous cannabinoids mediate long-term synaptic depression in the nucleus accumbens*. Proc Natl Acad Sci U S A, 2002. 99(12): p. 8384-8.
9. Robbe, D., J. Bockaert, and O.J. Manzoni, *Metabotropic glutamate receptor 2/3-dependent long-term depression in the nucleus accumbens is blocked in morphine withdrawn mice*. Eur J Neurosci, 2002. 16(11): p. 2231-5.
10. Harrison, J.M., R.G. Allen, M.J. Pellegrino, J.T. Williams, and O.J. Manzoni, *Chronic morphine treatment alters endogenous opioid control of hippocampal mossy fiber synaptic transmission*. J Neurophysiol, 2002. 87(5): p. 2464-70.
11. Williams, J.T., M.J. Christie, and O. Manzoni, *Cellular and synaptic adaptations mediating opioid dependence*. Physiol Rev, 2001. 81(1): p. 299-343.
12. Robbe, D., G. Alonso, F. Duchamp, J. Bockaert, and O.J. Manzoni, *Localization and mechanisms of action of cannabinoid receptors at the glutamatergic synapses of the mouse nucleus accumbens*. J Neurosci, 2001. 21(1): p. 109-16.
13. Morikawa, H., O.J. Manzoni, J.C. Crabbe, and J.T. Williams, *Regulation of central synaptic transmission by 5-HT(1B) auto- and heteroreceptors*. Mol Pharmacol, 2000. 58(6): p. 1271-8.
14. Manzoni, O.J. and J.T. Williams, *Presynaptic regulation of glutamate release in the ventral tegmental area during morphine withdrawal*. J Neurosci, 1999. 19(15): p. 6629-36.

15. Manzoni, O., D. Pujalte, J. Williams, and J. Bockaert, *Decreased presynaptic sensitivity to adenosine after cocaine withdrawal*. J Neurosci, 1998. 18(19): p. 7996-8002.
16. Chavis, P., P. Mollard, J. Bockaert, and O. Manzoni, *Visualization of cyclic AMP-regulated presynaptic activity at cerebellar granule cells*. Neuron, 1998. 20(4): p. 773-81.
17. Manzoni, O.J., T. Manabe, and R.A. Nicoll, *Release of adenosine by activation of NMDA receptors in the hippocampus*. Science, 1994. 265(5181): p. 2098-101.
18. Manzoni, O. and J. Bockaert, *Nitric oxide synthase activity endogenously modulates NMDA receptors*. J Neurochem, 1993. 61(1): p. 368-70.
19. Manzoni, O., J.M. Michel, and J. Bockaert, *Metabotropic glutamate receptors in the rat nucleus accumbens*. Eur J Neurosci, 1997. 9(7): p. 1514-23.
20. Manzoni, O.J., M.G. Weisskopf, and R.A. Nicoll, *MCPG antagonizes metabotropic glutamate receptors but not long-term potentiation in the hippocampus*. Eur J Neurosci, 1994. 6(6): p. 1050-4.
21. Manzoni, O. and J. Bockaert, *Metabotropic glutamate receptors inhibiting excitatory synapses in the CA1 area of rat hippocampus*. Eur J Neurosci, 1995. 7(12): p. 2518-23.
22. Manzoni, O., L. Fagni, J.P. Pin, F. Rassendren, F. Poulat, F. Sladeczek, and J. Bockaert, *(trans)-1-amino-cyclopentyl-1,3-dicarboxylate stimulates quisqualate phosphoinositide-coupled receptors but not ionotropic glutamate receptors in striatal neurons and Xenopus oocytes*. Mol Pharmacol, 1990. 38(1): p. 1-6.
23. Manzoni, O., L. Prezeau, F.A. Rassendren, F. Sladeczek, K. Curry, and J. Bockaert, *Both enantiomers of 1-aminocyclopentyl-1,3-dicarboxylate are full agonists of metabotropic glutamate receptors coupled to phospholipase C*. Mol Pharmacol, 1992. 42(2): p. 322-7.
24. Prezeau, L., O. Manzoni, V. Homburger, F. Sladeczek, K. Curry, and J. Bockaert, *Characterization of a metabotropic glutamate receptor: direct negative coupling to adenylyl cyclase and involvement of a pertussis toxin-sensitive G protein*. Proc Natl Acad Sci U S A, 1992. 89(17): p. 8040-4.