

MOLECULAR PHARMACOLOGY

April 2012

Volume 81

Number 4

molpharm.aspetjournals.org

ISSN 1521-0111

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Supplemental material is available online at <http://molpharm.aspetjournals.org>.

About the cover: Selective activation of $\alpha 4^*$ nAChRs reveals two receptor subtypes mediating nicotine-induced activation of VTA dopaminergic neurons. Action potential firing from a VTA dopaminergic neuron in a slice from an animal harboring a mutation in the $\alpha 4$ nicotinic receptor subunit that alters nicotine potency. Nicotine and various compounds were applied as indicated. Representative recordings of spike firing corresponding to individual time points are shown. A summary of changes in the neuronal firing is also shown. See article by Liu et al. on page 541 of this issue.