

## Erratum

# Erratum to 'A role for central cannabinoid and opioid systems in peripheral $\Delta^9$ -tetrahydrocannabinol-induced analgesia in mice' [Eur. J. Pharmacol. 301 (1996) 75–81]<sup>1</sup>

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### Abstract

$\Delta^9$ -Tetrahydrocannabinol elicits analgesia in rodents by both spinal and supraspinal mechanisms. Pharmacological data point to a link between cannabinoids and the opioid system. The lack of specific cannabinoid receptor antagonists has hindered the investigation of the physiological relevance of the cannabinoid system in nociception control. In this work we characterized the effect of the new cannabinoid receptor antagonist, SR-141,716 A (*N*-piperidino-5-(4-chlorophenyl)-1-(2,4-dichlorophenyl)-4-methyl-3-pyrazolecarboxamide hydrochloride), on  $\Delta^9$ -tetrahydrocannabinol-induced analgesia.  $PA_2$  values in the tail-flick and in lick and jump responses in the hot-plate tests were 9.59, 8.72 and 10.21, respectively. Slope values of  $PA_2$  plots were not different from  $-1$  indicating competitive antagonism. The involvement of the opioid system in  $\Delta^9$ -tetrahydrocannabinol-induced analgesia was investigated by using naloxone as well as  $\delta$  (naltrindole)- and  $\kappa$  (nor-binaltorphimine)-opioid receptor antagonists. Intrathecal nor-binaltorphimine antagonized the effect of  $\Delta^9$ -tetrahydrocannabinol. The effect of  $\Delta^9$ -tetrahydrocannabinol was also blocked by administration of dynorphin A-(1–8) antiserum in the same test.

**Keywords:** Analgesia; Dynorphin; Opioid;  $\Delta^9$ -Tetrahydrocannabinol; SR-141,716 A; Nor-binaltorphimine

In section 2.5 (*Analysis of data*) on page 76, 'mol/kg' should have read 'mmol/kg'.  
Our apologies to the authors and readers.

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