

Accepted Manuscript

GABA_B receptors and pain

Marzia Malcangio

PII: S0028-3908(17)30218-6

DOI: [10.1016/j.neuropharm.2017.05.012](https://doi.org/10.1016/j.neuropharm.2017.05.012)

Reference: NP 6714

To appear in: *Neuropharmacology*

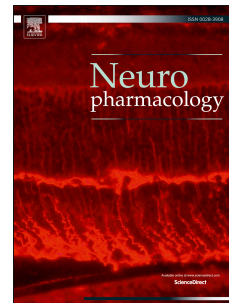
Received Date: 6 April 2017

Revised Date: 9 May 2017

Accepted Date: 10 May 2017

Please cite this article as: Malcangio, M., GABA_B receptors and pain, *Neuropharmacology* (2017), doi: 10.1016/j.neuropharm.2017.05.012.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



GABA_B receptors and pain

Marzia Malcangio

Wolfson Centre for Age Related Diseases, King's College London, London SE1 1UL, UK

marzia.malcangio@kcl.ac.uk

Abstract

Over the past three decades the research on GABA_B receptor biology and pharmacology in pain processing has been a fascinating experience. Norman Bowery's fundamental discovery of the existence of the GABA_B receptor has led the way to the definition of GABA_B molecular mechanisms; patterns of receptor expression in the peripheral and central nervous system; GABA_B modulatory functions within the pain pathways. We are now harnessing this acquired knowledge to develop innovative approaches to the therapeutic management of chronic pain through allosteric modulation of the GABA_B. Norman's legacy would be ultimately fulfilled by the development of novel analgesics that activate the GABA_B receptor.

Key words: GABA_B receptor, nociception, inflammatory pain, neuropathic pain

Download English Version:

<https://daneshyari.com/en/article/8516612>

Download Persian Version:

<https://daneshyari.com/article/8516612>

[Daneshyari.com](https://daneshyari.com)