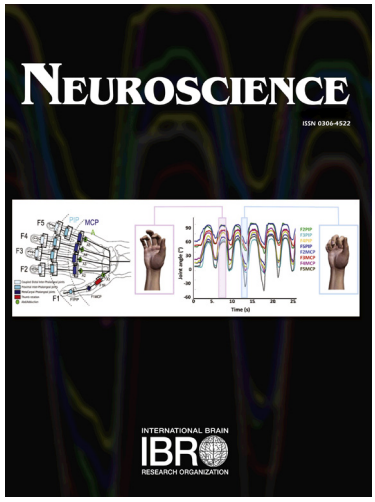
Accepted Manuscript



Research Article

Single-unit activity in the *in vitro* entorhinal cortex during carbachol-induced field oscillations

Li-Yuan Chen, Maxime Lévesque, Mauro Cataldi, Massimo Avoli

PII: S0306-4522(18)30176-3
DOI: https://doi.org/10.1016/j.neuroscience.2018.03.003
Reference: NSC 18341

To appear in: *Neuroscience*

Received Date: 18 November 2017
Accepted Date: 2 March 2018

Please cite this article as: L-Y. Chen, M. Lévesque, M. Cataldi, M. Avoli, Single-unit activity in the *in vitro* entorhinal cortex during carbachol-induced field oscillations, *Neuroscience* (2018), doi: https://doi.org/10.1016/j.neuroscience.2018.03.003

SINGLE-UNIT ACTIVITY IN THE *IN VITRO* ENTORHINAL CORTEX DURING CARBACHOL-INDUCED FIELD OSCILLATIONS

Li-Yuan Chen[1], Maxime Lévesque[1], Mauro Cataldi[1, 2], and Massimo Avoli[1, *]

[1]Montreal Neurological Institute and Departments of Neurology & Neurosurgery, and of Physiology, McGill University, 3801 University Street, Montréal, PQ, Canada, H3A 2B4; [2]Division of Pharmacology, Department of Neuroscience, School of Medicine, "Federico II" University of Naples, Naples, Italy

Abbreviated title: *Single-unit activity during carbachol-induced oscillations*

Number of characters in title and running head: 156
Number of words in abstract: 249
Number of words in body of manuscript: 4824
Number of figures: 7

***Correspondence to**: Massimo Avoli MD, PhD
Montreal Neurological Institute
3801 University Street,
Montréal, PQ, Canada, H3A 2B4
Tel +1 514 998 6790
Fax: +1 514 398 8106
e-mail: massimo.avoli@mcgill.ca

DISCLOSURES

None of the authors has any conflict of interest to disclose.