

Retinal gap junctions are involved in rhythmogenesis of neuronal activity at remote locations – study on infra-slow oscillations in the rat olivary pretectal nucleus

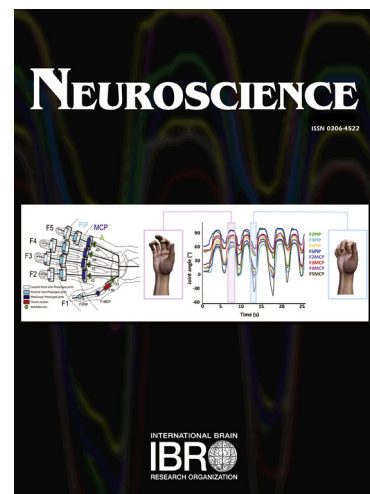
PII: S0306-4522(16)30486-9  
 DOI: <http://dx.doi.org/10.1016/j.neuroscience.2016.09.039>  
 Reference: NSC 17347

To appear in: *Neuroscience*

Accepted Date: 21 September 2016

Please cite this article as: P. Orlowska-Feuer, J.S. Jeczmién-Lazur, H.J. Szkudlarek, M.H. Lewandowski, Retinal gap junctions are involved in rhythmogenesis of neuronal activity at remote locations – study on infra-slow oscillations in the rat olivary pretectal nucleus, *Neuroscience* (2016), doi: <http://dx.doi.org/10.1016/j.neuroscience.2016.09.039>

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.



**Retinal gap junctions are involved in rhythmogenesis of neuronal activity at remote locations – study on infra-slow oscillations in the rat olivary pretectal nucleus**

Patrycja Orłowska-Feuer<sup>1,a</sup>, Jagoda S. Jeczmiern-Lazur<sup>1,a</sup>, Hanna J. Szkudlarek<sup>1, 2\*</sup>, Marian H. Lewandowski<sup>1\*</sup>

<sup>1</sup>Department of Neurophysiology and Chronobiology, Institute of Zoology, Jagiellonian University, Gronostajowa 9, 30-387 Krakow, Poland.

<sup>2</sup>Department of Anatomy and Cell Biology, 468 Medical Science Building, The Schulich School of Medicine, University of Western Ontario, London, Ontario, Canada N6A 5C1.

<sup>a</sup>Present address: Malopolska Centre of Biotechnology, Jagiellonian University, Gronostajowa 7A, 30-387 Krakow, Poland.

\* To whom correspondence may be addressed.

E-mail: marian.lewandowski@uj.edu.pl or szkudlarek.edu@gmail.com

Postal addresses:

**Marian H. Lewandowski**, Professor

Department of Neurophysiology and Chronobiology,

Institute of Zoology, Jagiellonian University,

Gronostajowa 9, 30-387 Krakow, POLAND

Tel/Fax: (+48) 126645357

**Hanna J. Szkudlarek**, PhD

Addiction Research Group, Department of Anatomy and Cell Biology

468 Medical Science Bldg., The Schulich School of Medicine, University of Western Ontario,

London, Ontario, CANADA N6A 5C1.

**Running title:** Blockade of retinal GJs disrupts oscillations in the OPN

Download English Version:

<https://daneshyari.com/en/article/6270612>

Download Persian Version:

<https://daneshyari.com/article/6270612>

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