Accepted Manuscript

Depolarizing chloride gradient in developing cochlear nucleus neurons: Underlying mechanism and implication for calcium signaling

Mirko Witte, Thomas Reinert, Beatrice Dietz, Jana Nerlich, Rudolf Rübsamen, Ivan Milenkovic

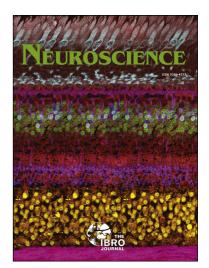
PII: S0306-4522(13)01075-0

DOI: http://dx.doi.org/10.1016/j.neuroscience.2013.12.050

Reference: NSC 15129

To appear in: Neuroscience

Accepted Date: 23 December 2013



Please cite this article as: M. Witte, T. Reinert, B. Dietz, J. Nerlich, R. Rübsamen, I. Milenkovic, Depolarizing chloride gradient in developing cochlear nucleus neurons: Underlying mechanism and implication for calcium signaling, *Neuroscience* (2013), doi: http://dx.doi.org/10.1016/j.neuroscience.2013.12.050

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.

Depolarizing chloride gradient in developing cochlear nucleus neurons: Underlying mechanism and implication for calcium signaling

Mirko Witte^{1,2}, Thomas Reinert¹, Beatrice Dietz¹, Jana Nerlich¹, Rudolf Rübsamen¹, Ivan Milenkovic¹

Running head: NKCC1 mediated Cl⁻ depolarization

Correspondence should be addressed to:

Ivan Milenkovic
Institute of Biology
Faculty of Biosciences, Pharmacy and Psychology,
University of Leipzig,
Talstrasse. 33, D-04103 Leipzig,
Germany

E-mail: mili@uni-leipzig.de tel: +49 3419736717 fax: +49 3419736848

¹ Institute of Biology, Faculty of Biosciences, Pharmacy and Psychology, University of Leipzig, Germany

² Institute of Neuroanatomy, University Medical Center Göttingen, Germany

Download English Version:

https://daneshyari.com/en/article/6273934

Download Persian Version:

https://daneshyari.com/article/6273934

<u>Daneshyari.com</u>