

Accepted Manuscript

Psychophysical and electrophysiological evidence for enhanced pain facilitation and unaltered pain inhibition in acute low back pain patients

Pascal Henri Vuilleumier, Federico Gabriel Arguissain, José Alberto Biurrun Manresa, Alban Ymer Neziri, Arto Christian Nirkko, Ole Kæseler Andersen, Lars Arendt-Nielsen, Michele Curatolo

PII: S1526-5900(17)30617-X

DOI: [10.1016/j.jpain.2017.05.008](https://doi.org/10.1016/j.jpain.2017.05.008)

Reference: YJPAI 3430

To appear in: *Journal of Pain*

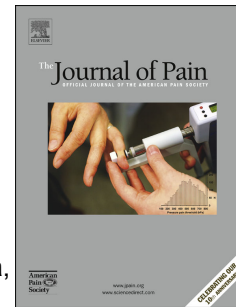
Received Date: 27 August 2016

Revised Date: 6 April 2017

Accepted Date: 30 May 2017

Please cite this article as: Vuilleumier PH, Arguissain FG, Biurrun Manresa JA, Neziri AY, Nirkko AC, Andersen OK, Arendt-Nielsen L, Curatolo M, Psychophysical and electrophysiological evidence for enhanced pain facilitation and unaltered pain inhibition in acute low back pain patients, *Journal of Pain* (2017), doi: 10.1016/j.jpain.2017.05.008.

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.



1 **Psychophysical and electrophysiological evidence for**

2 **enhanced pain facilitation and unaltered pain**

3 **inhibition in acute low back pain patients**

4 **Pascal Henri Vuilleumier^a, Federico Gabriel Arguissain^b, José Alberto Biurrun Manresa^{bg}, Alban**
5 **Ymer Neziri^{acd}, Arto Christian Nirkko^e, Ole Kæseler Andersen^b, Lars Arendt-Nielsen^b, Michele**
6 **Curatolo^{fb}**

7
8 a) Department of Anesthesiology and Pain Medicine, Bern University Hospital, University of
9 Bern, Switzerland

10 b) SMI®, Department of Health Science and Technology, Aalborg University, Aalborg, Denmark

11 c) Department of Clinical Research, University of Bern, Bern, Switzerland

12 d) Department of Obstetrics and Gynecology, Regional Hospital of Langenthal, Langenthal,
13 Switzerland

14 e) Department of Neurology, Schlaf-Wach-Epilepsie-Zentrum (SWEZ), Bern University Hospital,
15 University of Bern, Switzerland

16 f) Department of Anesthesiology and Pain Therapy, University of Washington, Seattle, USA

17 g) Centro de Investigaciones y Transferencia de Entre Ríos (CITER) CONICET-UNER, Entre
18 Ríos, Argentina

Download English Version:

<https://daneshyari.com/en/article/8605352>

Download Persian Version:

<https://daneshyari.com/article/8605352>

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