

## Accepted Manuscript

Title: The association between cortisol, oxytocin and immune cell mitochondrial oxygen consumption in postpartum women with childhood maltreatment

Authors: Christina Boeck, Anja Maria Gumpp, Enrico Calzia, Peter Radermacher, Christiane Waller, Alexander Karabatsiakos, Iris-Tatjana Kolassa



PII: S0306-4530(17)31182-4  
DOI: <https://doi.org/10.1016/j.psyneuen.2018.05.040>  
Reference: PNEC 3956

To appear in:

Received date: 19-7-2017  
Revised date: 28-4-2018  
Accepted date: 29-5-2018

Please cite this article as: Boeck C, Gumpp AM, Calzia E, Radermacher P, Waller C, Karabatsiakos A, Kolassa I-Tatjana, The association between cortisol, oxytocin and immune cell mitochondrial oxygen consumption in postpartum women with childhood maltreatment, *Psychoneuroendocrinology* (2018), <https://doi.org/10.1016/j.psyneuen.2018.05.040>

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.

**The association between cortisol, oxytocin and immune cell mitochondrial oxygen consumption in postpartum women with childhood maltreatment**

Christina Boeck<sup>a\*</sup>, Anja Maria Gump<sup>a</sup>, Enrico Calzia<sup>b</sup>, Peter Radermacher<sup>b</sup>, Christiane Waller<sup>c,d</sup>, Alexander Karabatsiak<sup>a</sup>, Iris-Tatjana Kolassa<sup>a</sup>

<sup>a</sup> Clinical & Biological Psychology, Institute of Psychology and Education, Ulm University, Albert-Einstein-Allee 47, 89081 Ulm, Germany.

<sup>b</sup> Institute of Anesthesiological Pathophysiology and Process Engineering, University Hospital Ulm, Helmholtzstrasse 8/1, 89081 Ulm, Germany.

<sup>c</sup> Department of Psychosomatic Medicine and Psychotherapy, University Hospital Ulm, Albert-Einstein-Allee 23, 89081 Ulm, Germany.

<sup>d</sup> Department of Psychosomatic Medicine and Psychotherapy, Paracelsus Medical University, Nuremberg General Hospital, 90419 Nuremberg, Germany.

\* To whom correspondence should be addressed: Christina Boeck, Clinical & Biological Psychology, Institute for Psychology and Education, Ulm University, Albert-Einstein-Allee 47, 89081 Ulm, Germany. Telephone: 0049 731 5026596. Mail: christina.boeck@alumni.uni-ulm.de.

**Short title:** Childhood maltreatment, cortisol, oxytocin and mitochondrial oxygen consumption

Download English Version:

<https://daneshyari.com/en/article/6817489>

Download Persian Version:

<https://daneshyari.com/article/6817489>

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