Accepted Manuscript

Altered maternal immune networks are associated with adverse child neurodevelopment: Impact of alcohol consumption during pregnancy

Tamara S. Bodnar, Charlis Raineki, Wladimir Wertelecki, Lyubov Yevtushok, Larisa Plotka, Natalya Zymak-Zakutnya, Gordon Honerkamp-Smith, Alan Wells, Matthieu Rolland, Todd S. Woodward, Claire D. Coles, Julie A. Kable, Christina D. Chambers, Joanne Weinberg

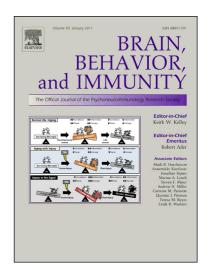
PII: S0889-1591(18)30175-2

DOI: https://doi.org/10.1016/j.bbi.2018.05.004

Reference: YBRBI 3393

To appear in: Brain, Behavior, and Immunity

Received Date: 3 February 2018 Revised Date: 4 May 2018 Accepted Date: 4 May 2018



Please cite this article as: Bodnar, T.S., Raineki, C., Wertelecki, W., Yevtushok, L., Plotka, L., Zymak-Zakutnya, N., Honerkamp-Smith, G., Wells, A., Rolland, M., Woodward, T.S., Coles, C.D., Kable, J.A., Chambers, C.D., Weinberg, J., Altered maternal immune networks are associated with adverse child neurodevelopment: Impact of alcohol consumption during pregnancy, *Brain, Behavior, and Immunity* (2018), doi: https://doi.org/10.1016/j.bbi. 2018.05.004

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.

ACCEPTED MANUSCRIPT

Altered maternal immune networks are associated with adverse child

neurodevelopment: Impact of alcohol consumption during pregnancy

Tamara S. Bodnar^{1*}, Charlis Raineki¹, Wladimir Wertelecki², Lyubov Yevtushok³, Larisa Plotka³, Natalya Zymak-Zakutnya⁴, Gordon Honerkamp-Smith², Alan Wells², Matthieu Rolland², Todd S. Woodward^{5,6}, Claire D. Coles⁷, Julie A. Kable⁷, Christina D. Chambers^{2,8}, and Joanne Weinberg¹.

¹Department of Cellular and Physiological Sciences, University of British Columbia, Vancouver, BC, Canada;

²Department of Pediatrics, University of California San Diego, La Jolla, USA; ³OMNI-Net for Children International Charitable Fund, Rivne Oblast Medical Diagnostic Center, Rivne, Ukraine;

⁴OMNI-Net for Children International Charitable Fund, Khmelnytsky Perinatal Center, Khmelnytsky, Ukraine;

⁵Department of Psychiatry, University of British Columbia, Vancouver, Canada;

⁶Translational Research Unit, BC Mental Health and Addictions Research Institute, Provincial Health Services Authority, Vancouver, BC, Canada;

⁷Department of Psychiatry and Behavioral Sciences; Department of Pediatrics, Emory University School of Medicine, Atlanta, USA;

⁸Department of Family Medicine and Public Health, University of California San Diego, La Jolla, CA, USA

*Corresponding author:

Tamara S. Bodnar, Ph.D. Department of Cellular and Physiological Sciences University of British Columbia 3307 – 2350 Health Sciences Mall Vancouver, BC V6T 1Z3, Canada e-mail: tamara.bodnar@ubc.ca

Phone: +1 (604) 822-4554 FAX: +1 (604) 822-2316

Keywords: Cytokines; Neurodevelopment; Pregnancy; Immune; Alcohol, Fetal Alcohol

Spectrum Disorders

Download English Version:

https://daneshyari.com/en/article/8960734

Download Persian Version:

https://daneshyari.com/article/8960734

<u>Daneshyari.com</u>