

## Accepted Manuscript

Title: Maternal Depression, Antidepressant Use and Placental Oxytocin Receptor DNA Methylation: Findings from the MPEWS Study

Authors: Megan Galbally, Joanne Ryan, Marinus van IJzendoorn, Stuart J. Watson, Olav Spigset, Martha Lappas, Richard Saffery, Ron de Kloet, Andrew James Lewis



PII: S0306-4530(17)31293-3  
DOI: <https://doi.org/10.1016/j.psyneuen.2018.01.004>  
Reference: PNEC 3809

To appear in:

Received date: 22-8-2017  
Revised date: 24-11-2017  
Accepted date: 3-1-2018

Please cite this article as: Galbally, Megan, Ryan, Joanne, van IJzendoorn, Marinus, Watson, Stuart J., Spigset, Olav, Lappas, Martha, Saffery, Richard, de Kloet, Ron, Lewis, Andrew James, Maternal Depression, Antidepressant Use and Placental Oxytocin Receptor DNA Methylation: Findings from the MPEWS Study. *Psychoneuroendocrinology* <https://doi.org/10.1016/j.psyneuen.2018.01.004>

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.

## Maternal Depression, Antidepressant Use and Placental Oxytocin Receptor DNA Methylation: Findings from the MPEWS Study

Authors:

Megan Galbally, MBBS, PhD<sup>1,2,3\*</sup>

Joanne Ryan PhD<sup>4</sup>

Marinus van IJzendoorn PhD<sup>5</sup>

Stuart J. Watson PhD<sup>1,2</sup>

Olav Spigset PhD<sup>6,7</sup>

Martha Lappas PhD<sup>8,9</sup>

Richard Saffery PhD<sup>4</sup>

Ron de Kloet PhD<sup>10</sup>

Andrew James Lewis PhD<sup>1</sup>

1. School of Psychology and Exercise Science, Murdoch University, Australia
2. School of Medicine, University of Notre Dame, Australia
3. King Edward Memorial Hospital, Australia
4. Murdoch Children's Research Institute, Royal Children's Hospital, and Department of Paediatrics, University of Melbourne, Parkville, Australia
5. Department of Psychology, Education and Child Studies, Erasmus University Rotterdam, The Netherlands
6. Department of Clinical Pharmacology, St. Olav University Hospital, Trondheim, Norway
7. Department of Laboratory Medicine, Children's and Women's Health, Norwegian University of Science and Technology, Trondheim, Norway
8. Obstetrics, Nutrition and Endocrinology Group, Department of Obstetrics and Gynaecology, University of Melbourne, Victoria, Australia
9. Mercy Perinatal Research Centre, Mercy Hospital for Women, Heidelberg, Victoria, Australia
10. Department of Internal Medicine, Leiden University Medical Center, Leiden, The Netherlands

\*Corresponding Author: Professor Megan Galbally, Murdoch University, 90 South Street, Murdoch, WA 6150 Ph +61 8 93602844 Email: m.galbally@murdoch.edu.au

Running Title: Depression, antidepressants and *OXTR* methylation

### Highlights

- Depressive disorder in pregnancy did not differentiate placental *OXTR* methylation.

Download English Version:

<https://daneshyari.com/en/article/6817701>

Download Persian Version:

<https://daneshyari.com/article/6817701>

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