

Accepted Manuscript

Title: Immune profile in relation to sex steroid cyclicity in healthy women and women with multiple sclerosis

Authors: Per Kempe, Daniel Eklund, Agnes Hallin, Mats Hammar, Tomas Olsson, Jan Brynhildsen, Jan Ernerudh



PII: S0165-0378(17)30264-4
DOI: <https://doi.org/10.1016/j.jri.2018.02.006>
Reference: JRI 2535

To appear in: *Journal of Reproductive Immunology*

Received date: 26-8-2017
Revised date: 11-2-2018
Accepted date: 24-2-2018

Please cite this article as: Kempe, Per, Eklund, Daniel, Hallin, Agnes, Hammar, Mats, Olsson, Tomas, Brynhildsen, Jan, Ernerudh, Jan, Immune profile in relation to sex steroid cyclicity in healthy women and women with multiple sclerosis. *Journal of Reproductive Immunology* <https://doi.org/10.1016/j.jri.2018.02.006>

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.

Immune profile in relation to sex steroid cyclicity in healthy women and women with multiple sclerosis

Per Kempe (MD, PhD)^{1,2} Daniel Eklund (PhD)³, Agnes Hallin³, Mats Hammar (MD, PhD)¹, Tomas Olsson (MD, PhD)⁴, Jan Brynhildsen (MD, PhD)^{1*} and Jan Ernerudh (MD, PhD)^{5*}

1. Obstetrics and Gynaecology, Department of Clinical and Experimental Medicine, Linköping University, SE-58185, Linköping, Sweden.

2. Department of Obstetrics & Gynaecology, County Hospital Sundsvall, SE-85643, Sundsvall, Sweden.

3. Department of Clinical and Experimental Medicine, Linköping University, SE-58185, Linköping, Sweden.

4. Department of Clinical Neuroscience, Karolinska Institutet, SE-17177, Stockholm, Sweden.

5. Clinical Immunology and Transfusion Medicine, Department of Clinical and Experimental Medicine, Linköping University, SE-58185, Linköping, Sweden

* **Equal contribution**

Corresponding author:

Jan Brynhildsen

Obstetrics and Gynaecology, Department of Clinical and Experimental Medicine, Linköping University, SE-58185, Linköping, Sweden

Tel: +46101033132

e-mail: jan.brynhildsen@liu.se

Download English Version:

<https://daneshyari.com/en/article/8782844>

Download Persian Version:

<https://daneshyari.com/article/8782844>

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