## Journal Pre-proof

Longitudinal Population Subgroups of CRP and Risk of Depression in the ALSPAC birth cohort

Emanuele F. Osimo, Jan Stochl, Stan Zammit, Glyn Lewis, Peter B. Jones, Golam M. Khandaker

PII: S0010-440X(19)30066-5

DOI: https://doi.org/10.1016/j.comppsych.2019.152143

Reference: YCOMP 152143

To appear in:

Accepted Date: 28 October 2019

Please cite this article as: Osimo EF, Stochl J, Zammit S, Lewis G, Jones PB, Khandaker GM, Longitudinal Population Subgroups of CRP and Risk of Depression in the ALSPAC birth cohort, *Comprehensive Psychiatry* (2019),

doi: https://doi.org/10.1016/j.comppsych.2019.152143

This is a PDF file of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability, but it is not yet the definitive version of record. This version will undergo additional copyediting, typesetting and review before it is published in its final form, but we are providing this version to give early visibility of the article. 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.

© 2019 Published by Elsevier.



### Journal Pre-proof

## Longitudinal Population Subgroups of CRP and Risk of Depression in the ALSPAC birth cohort

Emanuele F Osimo<sup>1, 2, 3</sup>\*, Jan Stochl¹, Stan Zammit⁴, ⁵, Glyn Lewis⁵, Peter B Jones¹, ², Golam M Khandaker¹, ²

### \* Correspondence:

Dr Emanuele F. Osimo, Inflammation and Psychiatry Research group, Department of Psychiatry, University of Cambridge, Level E4, Addenbrooke's Hospital, Cambridge Biomedical Campus, Cambridge CB2 2QQ, UK.

Tel: +44 1223 768510; e-mail: efo22@cam.ac.uk

### Highlights

- Using CRP data from age 9, 15 and 18 we identified four population subgroups
- The subgroups represent *persistently low, persistently high*; *decreasing*; *increasing* CRP levels
- Increasing CRP levels were associated with moderate/severe depression at age 18

<sup>&</sup>lt;sup>1</sup> Department of Psychiatry, University of Cambridge, Cambridge, UK

<sup>&</sup>lt;sup>2</sup> Cambridgeshire and Peterborough NHS Foundation Trust, Cambridge, UK

<sup>&</sup>lt;sup>3</sup> Institute of Clinical Sciences, Imperial College London, London, UK

<sup>&</sup>lt;sup>4</sup> Centre for Academic Mental Health, Population Health Sciences, Bristol Medical School, University of Bristol, Bristol, UK

<sup>&</sup>lt;sup>5</sup> Division of Psychiatry, University College London, London, UK

#### Download English Version:

# https://daneshyari.com/en/article/13423509

Download Persian Version:

https://daneshyari.com/article/13423509

<u>Daneshyari.com</u>