## **Accepted Manuscript**

Testing Bidirectional Relationships between Alcohol Use and Depressive Symptoms: What is the Role of the Serotonin Transporter Gene?

Roy Otten, Carmen S. van der Zwaluw, Rutger C. Engels

PII: S0741-8329(17)30006-X

DOI: 10.1016/j.alcohol.2017.08.003

Reference: ALC 6708

To appear in: Alcohol

Received Date: 6 January 2017

Revised Date: 28 July 2017 Accepted Date: 6 August 2017

Please cite this article as: Otten R., van der Zwaluw C.S. & Engels R.C., Testing Bidirectional Relationships between Alcohol Use and Depressive Symptoms: What is the Role of the Serotonin Transporter Gene?, *Alcohol* (2017), doi: 10.1016/j.alcohol.2017.08.003.

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

Testing Bidirectional Relationships between Alcohol Use and Depressive Symptoms:

What is the Role of the Serotonin Transporter Gene?

Roy Otten<sup>1,2</sup>, Carmen S. van der Zwaluw<sup>3</sup>, Rutger C. Engels<sup>4,5</sup>

<sup>1</sup> Pluryn, Research & Development, Nijmegen, The Netherlands

<sup>2</sup> REACH Institute, Arizona State University, Tempe, USA

<sup>3</sup> Freelance researcher at Zwaluwstyle, Nijmegen, The Netherlands

<sup>4</sup> Trimbos Institute, Utrecht, The Netherlands

<sup>5</sup> Utrecht University, Utrecht, The Netherlands

Correspondence should be addressed to Roy Otten Pluryn, Research & Development Postbus 53, 6500 AB Nijmegen Industrieweg 50, 6541 TW Nijmegen, The Netherlands M 06 234132 22 T 088 779 3998 E Royotten@pluryn.nl

## Download English Version:

## https://daneshyari.com/en/article/7501525

Download Persian Version:

https://daneshyari.com/article/7501525

<u>Daneshyari.com</u>