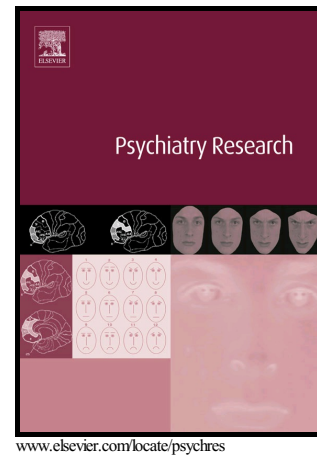


No neuronal autoantibodies detected in plasma of patients with a bipolar I disorder

Gijsje Snijders, Maarten J. Titulaer, Veerle Bergink, Anna E. Bastiaansen, Marco W.J. Schreurs, Roel A. Ophoff, Marco P. Boks, René S. Kahn, Lot D. de Witte



PII: S0165-1781(17)31029-6
DOI: <https://doi.org/10.1016/j.psychres.2017.10.043>
Reference: PSY10943

To appear in: *Psychiatry Research*

Received date: 6 June 2017
Revised date: 25 October 2017
Accepted date: 31 October 2017

Cite this article as: Gijsje Snijders, Maarten J. Titulaer, Veerle Bergink, Anna E. Bastiaansen, Marco W.J. Schreurs, Roel A. Ophoff, Marco P. Boks, René S. Kahn and Lot D. de Witte, No neuronal autoantibodies detected in plasma of patients with a bipolar I disorder, *Psychiatry Research*, <https://doi.org/10.1016/j.psychres.2017.10.043>

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 galley proof before it is published in its final citable 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.

No neuronal autoantibodies detected in plasma of patients with a bipolar I disorder

Gijsje Snijders^{a#}, Maarten J. Titulaer^b, Veerle Bergink^e, Anna E. Bastiaansen^b, Marco W. J. Schreurs^c,
Roel A. Ophoff^{a,d}, Marco P. Boks^a, René S. Kahn^a and Lot D. de Witte^a

^aDepartment of Psychiatry, Brain Center Rudolf Magnus, UMC Utrecht, the Netherlands

^bDepartment of Neurology, Erasmus Medical Center, Rotterdam, the Netherlands

^cDepartment of Immunology, Erasmus Medical Center, Rotterdam, the Netherlands

^dCenter for Neurobehavioral Genetics, University of California Los Angeles, Los Angeles, CA, USA.

^eDepartment of Psychiatry, Erasmus Medical Center Rotterdam, Rotterdam, The Netherlands

Corresponding author:

[#]Corresponding author: Department of Psychiatry, Brain Center Rudolf Magnus, University Medical Center Utrecht, P.O. Box 85500, Heidelberglaan 100, 3508 GA Utrecht, The Netherlands; tel: +31-88-75-57116, fax: +31-88-75-55466.

E-mail address: g.j.l.j.snijders@umcutrecht

Abstract:

A subpopulation of patients with bipolar disorder type I (BD-I) might suffer from undiagnosed autoimmune encephalitis. We tested plasma of 104 BD-I patients with a current or recent manic episode in the past 2 years for the presence of neuronal autoantibodies using immunohistochemistry, immunocytochemistry and cell-based assay (CBA). Neuronal antibodies were not detected in any of the BD type I. This finding suggests that the frequency of an undiagnosed autoimmune encephalitis in patients with BD I is less than 1%. However, these findings need to be confirmed in cerebrospinal fluid and/or blood of acutely ill manic patients.

Key words:

Bipolar disorder, Autoimmune, Mania, Antibodies, Encephalitis, Immunology

Word count (max 1500): 1039

Download English Version:

<https://daneshyari.com/en/article/6812169>

Download Persian Version:

<https://daneshyari.com/article/6812169>

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