

Author's Accepted Manuscript

Maoa And Maob Polymorphisms And Personality Traits In Suicide Attempters And Healthy Controls: A Preliminary Study

Martina Balestri, Raffaella Calati, Alessandro Serretti, Annette M. Hartmann, Bettina Konte, Marion Friedl, Ina Giegling, Dan Rujescu



PII: S0165-1781(15)30871-4
DOI: <http://dx.doi.org/10.1016/j.psychres.2017.01.020>
Reference: PSY10215

To appear in: *Psychiatry Research*

Received date: 22 December 2015
Revised date: 16 November 2016
Accepted date: 8 January 2017

Cite this article as: Martina Balestri, Raffaella Calati, Alessandro Serretti, Annette M. Hartmann, Bettina Konte, Marion Friedl, Ina Giegling and Dan Rujescu, Maoa And Maob Polymorphisms And Personality Traits In Suicide Attempters And Healthy Controls: A Preliminary Study, *Psychiatry Research*, <http://dx.doi.org/10.1016/j.psychres.2017.01.020>

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

Martina Balestri ^a, Raffaella Calati ^b, Alessandro Serretti ^{a*}

Annette M. Hartmann ^c, Bettina Konte ^c, Marion Friedl ^c, Ina Giegling ^c, Dan Rujescu ^c

a) Department of Biomedical and NeuroMotor Sciences, University of Bologna, Bologna, Italy

b) INSERM U1061, University of Montpellier UM1, Montpellier, France; FondaMental Foundation, France

c) Department of Psychiatry, University of Halle, Halle, Germany

To whom correspondence should be addressed:

Alessandro Serretti, MD, Ph.D.

Department of Biomedical and NeuroMotor Sciences

University of Bologna

Viale Carlo Pepoli 5, 40123 Bologna, Italy

Tel.: +39 051 6584233

Fax: +39 051 521030

E-mail: alessandro.serretti@unibo.it

ABSTRACT

Serotonergic neurotransmission dysfunctions have been well documented in patients with suicidal behaviour. We investigated monoamine oxidase A (MAOA: rs2064070, rs6323, rs909525) and B (MAOB: rs1799836, rs2311013, rs2205655) genetic modulation of personality traits (Temperament and Character Inventory, TCI) as endophenotype for suicidal behaviour. 108 suicide attempters and 286 healthy controls of German origin were screened. Among females, allelic analyses revealed associations between MAOA rs6323 A allele and higher Harm Avoidance in suicide attempters and MAOB rs2205655 A allele and higher Cooperativeness scores in healthy controls. Among males, MAOA rs909525 A allele was associated with higher Reward Dependence in suicide attempters. Multivariate analyses controlling for age

Download English Version:

<https://daneshyari.com/en/article/4933727>

Download Persian Version:

<https://daneshyari.com/article/4933727>

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