

## Accepted Manuscript

Aberrant temporal behavior of mismatch negativity generators in schizophrenia patients and subjects at clinical high risk for psychosis

Minah Kim, Kang Ik Kevin Cho, Youngwoo Bryan Yoon, Tae Young Lee, Jun Soo Kwon

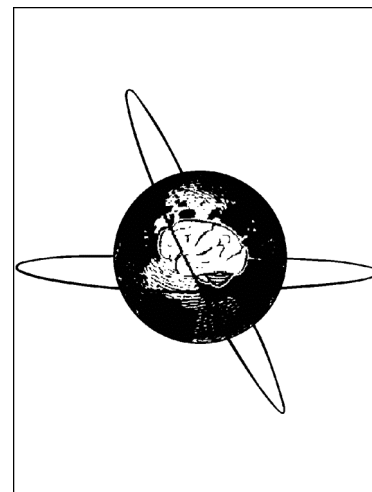
PII: S1388-2457(16)31007-0  
DOI: <http://dx.doi.org/10.1016/j.clinph.2016.11.027>  
Reference: CLINPH 2008001

To appear in: *Clinical Neurophysiology*

Received Date: 26 July 2016  
Revised Date: 23 November 2016  
Accepted Date: 26 November 2016

Please cite this article as: Kim, M., Ik Kevin Cho, K., Bryan Yoon, Y., Young Lee, T., Soo Kwon, J., Aberrant temporal behavior of mismatch negativity generators in schizophrenia patients and subjects at clinical high risk for psychosis, *Clinical Neurophysiology* (2016), doi: <http://dx.doi.org/10.1016/j.clinph.2016.11.027>

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.



# Aberrant temporal behavior of mismatch negativity generators in schizophrenia patients and subjects at clinical high risk for psychosis

Minah Kim<sup>1</sup>, Kang Ik Kevin Cho<sup>2</sup>, Youngwoo Bryan Yoon<sup>2</sup>, Tae Young Lee<sup>3</sup>, Jun Soo Kwon<sup>1,2,4\*</sup>

<sup>1</sup> Department of Psychiatry, Seoul National University College of Medicine, Seoul, Republic of Korea

<sup>2</sup> Department of Brain and Cognitive Science, Seoul National University College of Natural Science, Seoul, Republic of Korea

<sup>3</sup> Department of Neuropsychiatry, Seoul National University Hospital, Seoul, Republic of Korea

<sup>4</sup> Institute of Human Behavioral Medicine, SNU-MRC, Seoul, Republic of Korea

Corresponding author:

Jun Soo Kwon, M.D., Ph.D.

Department of Psychiatry, Seoul National University College of Medicine

101 Daehak-no, Chongno-gu, Seoul, Republic of Korea. 03080.

Tel: +82 2 2072 2972

Fax: +82 2 747 9063

E-mail address: [kwonjs@snu.ac.kr](mailto:kwonjs@snu.ac.kr)

## Highlights

- Schizophrenic patients and clinical high risk subjects show decreased mismatch negativity (MMN) strength in frontal and temporal cortices.
- Disconnection between MMN-related brain regions exists even prior to psychosis onset.
- Aberrant MMN generator activity might be related to schizophrenia pathophysiology.

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات