

# Accepted Manuscript

Intermittent theta burst stimulation over left BA10 enhances virtual reality-based prospective memory in healthy aged subjects

Ursula Debarnot, Benoît Crépon, Eric Orriols, Maria Abram, Sylvain Charron, Stéphanie Lion, Pauline Roca, Catherine Oppenheim, Bernard Gueguen, Ergis Anne-Marie, Baron Jean-Claude, Pascale Piolino

PII: S0197-4580(15)00239-0

DOI: [10.1016/j.neurobiolaging.2015.05.001](https://doi.org/10.1016/j.neurobiolaging.2015.05.001)

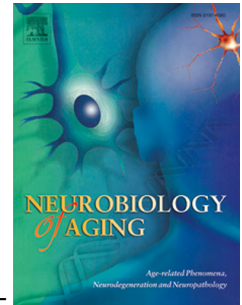
Reference: NBA 9264

To appear in: *Neurobiology of Aging*

Received Date: 3 February 2015

Revised Date: 1 April 2015

Accepted Date: 4 May 2015



Please cite this article as: Debarnot, U., Crépon, B., Orriols, E., Abram, M., Charron, S., Lion, S., Roca, P., Oppenheim, C., Gueguen, B., Anne-Marie, E., Jean-Claude, B., Piolino, P., Intermittent theta burst stimulation over left BA10 enhances virtual reality-based prospective memory in healthy aged subjects, *Neurobiology of Aging* (2015), doi: 10.1016/j.neurobiolaging.2015.05.001.

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.

**Intermittent theta burst stimulation over left BA10 enhances virtual reality-based  
prospective memory in healthy aged subjects**

Ursula DEBARNOT<sup>1,3,4,6</sup>, Benoît CRÉPON<sup>2</sup>, Eric ORRIOLS<sup>1,3</sup>, Maria ABRAM<sup>1,3</sup>, Sylvain CHARRON<sup>5</sup>,  
Stéphanie LION<sup>5</sup>, Pauline ROCA<sup>5</sup>, Catherine OPPENHEIM<sup>5</sup>, Bernard GUEGUEN<sup>2</sup>, Anne-Marie ERGIS<sup>6</sup>,  
Jean-Claude BARON<sup>1\*</sup> and Pascale PIOLINO<sup>1,3\*</sup>

<sup>1</sup> INSERM UMR S894, Center of Psychiatry and Neurosciences, Sorbonne Paris Cité, University Paris Descartes, Paris, France.

<sup>2</sup> Department of Clinical Neurophysiology and Epileptology, Sainte-Anne Hospital, Paris, France

<sup>3</sup> Laboratory of Memory and Cognition, Institute of Psychology, University Paris Descartes, Boulogne Billancourt, France.

<sup>4</sup> Department of Neuroscience, Faculty of Medicine, University of Geneva, Switzerland.

<sup>5</sup> Department of Morphological and Functional Imaging, University Paris Descartes, Center of Psychiatry and Neurosciences, INSERM U894, Paris, France.

<sup>6</sup> Neuropsychology of aging (EA 4468), Institute of Psychology, University Paris Descartes, Boulogne Billancourt, France.

\* : These authors share senior authorship

**Correspondence** : Ursula DEBARNOT, Département des Neurosciences Fondamentales, CMU, Université de Genève Michel-Servet 1, 1211 Genève, SUISSE ; tel: (00)41.22.37.95.346 Fax: (00)41.22.37.95.402, E-mail: Ursula.debarnot@gmail.com; Pascale PIOLINO, INSERM UMR S894, Centre de Psychiatrie et Neurosciences, Laboratoire Mémoire et Cognition, Université Paris Descartes, 2 ter rue d'Alesia, 75014 Paris, France., tel : (00)01.55.20.59.22 ; Fax ; (00) 01 45 80 72 93, E-mail: pascale.piolino@parisdescartes.fr

Download English Version:

<https://daneshyari.com/en/article/6804044>

Download Persian Version:

<https://daneshyari.com/article/6804044>

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