

Accepted Manuscript

Predictors of cognitive decline and treatment response in a clinical trial on suspected prodromal Alzheimer's disease

Stefan J. Teipel, M.D, Enrica Cavedo, Michel J. Grothe, Simone Lista, Samantha Galluzzi, Olivier Colliot, Marie Chupin, Hovagim Bakardjian, Didier Dormont, Bruno Dubois, Harald Hampel

PII: S0028-3908(16)30041-7

DOI: [10.1016/j.neuropharm.2016.02.005](https://doi.org/10.1016/j.neuropharm.2016.02.005)

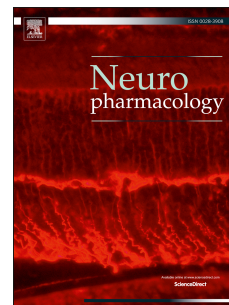
Reference: NP 6165

To appear in: *Neuropharmacology*

Received Date: 26 August 2015

Revised Date: 1 February 2016

Accepted Date: 5 February 2016



Please cite this article as: Teipel, S.J., Cavedo, E., Grothe, M.J., Lista, S., Galluzzi, S., Colliot, O., Chupin, M., Bakardjian, H., Dormont, D., Dubois, B., Hampel, H., for the Hippocampus Study Group, Predictors of cognitive decline and treatment response in a clinical trial on suspected prodromal Alzheimer's disease, *Neuropharmacology* (2016), doi: 10.1016/j.neuropharm.2016.02.005.

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.

Predictors of cognitive decline and treatment response in a clinical trial on suspected prodromal Alzheimer's disease

Stefan J. Teipel^{1,2}, Enrica Cavedo^{3,4,5,6,7}, Michel J. Grothe^{1,2}, Simone Lista^{3,4,5,8}, Samantha Galluzzi⁷, Olivier Colliot^{9,10,11,12,13}, Marie Chupin^{9,10,11,12,13}, Hovagim Bakardjian^{3,14}, Didier Dormont^{9,10,11,12,15*}, Bruno Dubois^{3,4,5}, and Harald Hampel^{3,4,5,8} for the Hippocampus Study Group*

¹German Center for Neurodegenerative Diseases (DZNE) – Rostock/Greifswald, Rostock, Germany

²Department of Psychosomatic Medicine, University of Rostock, Rostock, Germany

³Institut de la Memoire et de la Maladie d'Alzheimer (IM2A), Departement de Neurologie, Hôpital de la Pitie-Salpêtrière, AP-HP, Paris, France

⁴INSERM U1127, Institut du Cerveau et de la Moelle Epiniere (ICM), Paris, France

⁵Sorbonne Universites, Universite Pierre et Marie Curie-Paris 6, Paris, France

⁶CATI multicenter neuroimaging platform (cati-neuroimaging.com), France;

⁷IRCCS Istituto Centro San Giovanni di Dio-Fatebenefratelli, Italy

⁸AXA Research Fund & UPMC Chair, Paris, France

⁹Inserm, U1127, F-75013, Paris, France

¹⁰CNRS, UMR 7225 ICM, 75013, Paris, France

¹¹Sorbonne Universités, UPMC Univ Paris 06, UMR S 1127, F-75013, Paris, France

¹²Institut du Cerveau et de la Moelle épinière, ICM, F-75013, Paris, France

¹³Inria, Aramis project-team, Centre de Recherche Paris-Rocquencourt, France

¹⁴IHU-A-ICM - Paris Institute of Translational Neurosciences, Paris, France

¹⁵Neuroradiology Department, Hôpital de la Salpêtrière, Paris, France

* **Hippocampus Study Group** members: O. Godefroy (Amiens), H. Deramond (Amiens), F. Etcharry Bouyx (Angers), A. Pasco Papon (Angers), Jf. Dartigues (Bordeaux), M. Allard (Bordeaux), O. Rouaud (Dijon), F. Ricolfi (Dijon), O. Moreaud (Grenoble), A. Krainik (Grenoble), F. Pasquier (Lille), S. Bombois (Lille), C. Delmaire (Lille), P. Couratier (Limoges), A. Maubon (Limoges), A. Vighetto (Lyon), B. Croisile (Lyon), G. Louis-Tisserand (Lyon), M. Ceccaldi (Marseille), N. Girard (Marseille), B. Michel (Marseille), Mp. Peretti (Marseille), J. Touchon (Montpellier), A. Bonafe (Montpellier), A. Benetos (Nancy), G Barroche (Nancy), S. Bracard (Nancy), M. Vercelletto (Nantes), E. Calvier Auffray (Nantes), P. Robert (Nice), S. Chanalet (Nice), B. Dubois And H. Hampel (Paris), D. Dormont (Paris), S. Lehericy (Paris), J. Hugon (Paris), M.P. Pancrazi (Paris), D. Reizine (Paris), R. Gil (Poitiers), P. Vandermarcq (Poitiers), J.L. Novella (Reims), L. Pierot (Reims), S. Belliard (Rennes), M. Carsin (Rennes), O. Martinaud (Rouen), E. Gerardin (Rouen), B. Laurent (Saint Etienne), Fg. Barral (Saint Etienne), F. Sellal (Strasbourg), Pj. Ousset (Toulouse), M. Puel (Toulouse), A. Ait Ameur (Toulouse), H. Dumas (Toulouse), K. Mondon (Tours), Jp. Cottier (Tours).

Short Title: Treatment response in prodromal Alzheimer's disease

Keywords: prodromal Alzheimer's disease, MCI, cognitive decline, cholinergic system, therapy, cholinesterase inhibitors, MRI, hippocampus, basal forebrain, biomarkers, prediction

Download English Version:

<https://daneshyari.com/en/article/5813465>

Download Persian Version:

<https://daneshyari.com/article/5813465>

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