

# Accepted Manuscript

Cortical amyloid accumulation is associated with alterations of structural integrity in older people with subjective memory complaints

Stefan J. Teipel, Enrica Cavado, Sarah Weschke, Michel J. Grothe, Katrine Rojkova, Gaëlle Fontaine, Luce Dauphinot, Gabriel Gonzales-Escamilla, Marie-Claude Potier, Hugo Bertin, Marie-Odile Habert, Bruno Dubois, Harald Hampel

PII: S0197-4580(17)30183-5

DOI: [10.1016/j.neurobiolaging.2017.05.016](https://doi.org/10.1016/j.neurobiolaging.2017.05.016)

Reference: NBA 9938

To appear in: *Neurobiology of Aging*

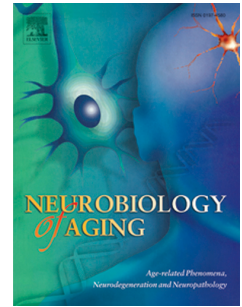
Received Date: 11 January 2017

Revised Date: 9 May 2017

Accepted Date: 24 May 2017

Please cite this article as: Teipel, S.J., Cavado, E., Weschke, S., Grothe, M.J., Rojkova, K., Fontaine, G., Dauphinot, L., Gonzales-Escamilla, G., Potier, M.-C., Bertin, H., Habert, M.-O., Dubois, B., Hampel, H., for theINSIGHT-preAD study group, Cortical amyloid accumulation is associated with alterations of structural integrity in older people with subjective memory complaints, *Neurobiology of Aging* (2017), doi: [10.1016/j.neurobiolaging.2017.05.016](https://doi.org/10.1016/j.neurobiolaging.2017.05.016).

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.



## Cortical amyloid accumulation is associated with alterations of structural integrity in older people with subjective memory complaints

Stefan J. Teipel<sup>1,2</sup>, Enrica Cavado<sup>3,4</sup>, Sarah Weschke<sup>1,2</sup>, Michel J. Grothe<sup>1,2</sup>, Katrine Rojkova<sup>3</sup>, Gaëlle Fontaine<sup>5</sup>, Luce Dauphinot<sup>5</sup>, Gabriel Gonzales-Escamilla<sup>1</sup>, Marie-Claude Potier<sup>5</sup>, Hugo Bertin<sup>6,7</sup>, Marie-Odile Habert<sup>6,7,8</sup>, Bruno Dubois<sup>9</sup>, and Harald Hampel<sup>3</sup> for the INSIGHT-preAD study group\*

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

<sup>2</sup>Department of Psychosomatic Medicine, University of Rostock, Rostock, Germany

<sup>3</sup>AXA Research Fund & UPMC Chair, Paris, France; Sorbonne Universités, Université Pierre et Marie Curie (UPMC) Paris 06, Inserm, CNRS, Institut du cerveau et de la moelle (ICM), Département de Neurologie, Institut de la Mémoire et de la Maladie d'Alzheimer (IM2A), Hôpital Pitié-Salpêtrière, Boulevard de l'hôpital, F-75013, Paris, France;

<sup>4</sup>IRCCS Istituto Centro San Giovanni di Dio-Fatebenefratelli, Italy;

<sup>5</sup>ICM Institut du Cerveau et de la Moelle épinière, CNRS UMR7225, INSERM U1127, UPMC, Hôpital de la Pitié-Salpêtrière, 47 Bd de l'Hôpital, Paris, France;

<sup>6</sup>Sorbonne Universités, UPMC Univ Paris 06, CNRS, INSERM, Laboratoire d'Imagerie Biomédicale, F-75013, Paris, France;

<sup>7</sup>Centre pour l'Acquisition et le Traitement des Images ([www.cati-neuroimaging.com](http://www.cati-neuroimaging.com)), France;

<sup>8</sup>AP-HP, Hôpital Pitié-Salpêtrière, Département de Médecine Nucléaire, F-75013, Paris, France.

<sup>9</sup>Sorbonne Universités, UPMC Univ Paris 06, Inserm, CNRS, Institut du cerveau et de la moelle (ICM) - Hôpital Pitié-Salpêtrière, Boulevard de l'hôpital, F-75013, Paris, France;

\*The members of the INSIGHT-preAD study group are listed in the acknowledgment

**Short Title:** Brain amyloid and structure in memory complainers

**Keywords:** amyloid load, PET, MRI, structural connectivity, subjective memory impairment, cerebral reserve

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