

## CURRICULUM VITAE PR O GODEFROY 2016

### PERSONAL DATA

Professional address: Service de Neurologie CHU 80054 Amiens cedex (France)

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### DIPLOMAS

MD thesis (Lille University, 1990)

Qualification in Neurology (Diplôme d'études spéciales); (Lille University, 1990)

Master (Lyon University, 1991) and PhD thesis<sup>1</sup> (Dir Pr M. Jeannerod; Lyon I University, 1996)

'Habilitation à Diriger des Recherches'; (Lille University, 1997)

### PRESENT POSITION AND ADMINISTRATIVE ACTIVITIES

Full time professor of Neurology Amiens University (Université de Picardie Jules Verne) (since 2000)

Head of the department of Neurology of the University Hospital of Amiens (since 2002)

Coordination of the Centre Mémoire Ressources et Recherche Amiens-Picardie (since 2003)

Co-director (since 2006) and Director (since 2015) of the laboratory of Functional Neurosciences

Member of the council of the Ecole Doctorale for science and health (ED n° 0368) of Amiens University (2004-8)

Member of the ethical committee North West 2 (2005-7)

Vice-chairman of the committee on Biomedical Research and Public Health of Amiens University hospital (2007-12)

Interregional coordination of the Diplôme d'Etudes Spécialisées en Neurologie (2008-11)

Executive committee of Collège des enseignants de Neurologie (2005-13)

Referee for biomedical research committee of AFSSAPS<sup>2</sup> (2008-11)

President of the French Speaking Society of Neuropsychology (2010-14)

### TEACHING ACTIVITIES

**Medical students and residents in neurology, Paramedical students** (Speech therapist), **Continuous education**

**University certification:** Creation and co-direction of University certification of Neuropsychology (Lille and Amiens Universities); coordination (with Pr D Leys) of 'Post-stroke functional impairment' module of Inter-University certification 'DIU NeuroVasculaire' (Pr JL Mas, Paris University) and of 'Vascular cognitive impairment' module of Inter-University certification of DIU 'Maladie d'Alzheimer et apparentées' (Pr F Pasquier, Lille University).

**Master in cognitive neurosciences:** French national master, Savoie, Normandy, Paris-Descartes and Amiens Universities

**Participation to international teaching activities:** coordination of courses on Executive functions on the eBrain website of the European Academy of Neurology; Member of the Scientific Panels 'Higher cortical Functions' of European Academy of Neurology; participation to 'Spring School' conference of

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<sup>1</sup> [http://www.risc.cnrs.fr/mem\\_theses\\_pdf/1996\\_GODEFROY.pdf](http://www.risc.cnrs.fr/mem_theses_pdf/1996_GODEFROY.pdf)

<sup>2</sup> Association Française de Sécurité Sanitaire des Produits de Santé

the European Academy of Neurology, under the auspice of the French Society of Neurology initiation of teaching courses in neurology with universities of Ivory Coast, Senegal, Togo and Benin;

### Teaching Books:

- Editor of 'Behavioral and cognitive neurology of stroke'; Cambridge University Press 2° Ed (2013)
- Editor of 'Fonctions exécutives et pathologies neurologiques et psychiatriques.'; Marseille, Solal, 2008
- Author and coordinator of chapters of teaching books of the 'College des Enseignants de Neurologie' and of French Speaking Society of Neuropsychology
- Co-author of 54 book chapters and papers for teaching purpose

### RESEARCH ACTIVITIES

#### Domains of interest:

- Clinical: vascular (stroke, Vascular cognitive impairment and dementia) and degenerative (Alzheimer, Lewy Body diseases, frontotemporal lobe degeneration) cognitive disorders
- Cognitive neurosciences: attention and executive control functions; clinical anatomical correlation

#### Member of 7 scientific societies

#### Associate editor of 5 scientific journals

**Referee and expert for 35 neurological, neuroscience and medicine journals, and for research evaluation-funding organizations including 9 abroad** (Medical Research Council, British Royal Society, FNRS), **national** (AERES, PHRC, JNLF) **and regional** (Lyon, Université de Paris Descartes, groupement de recherche clinique et d'innovation d'Ile de France) **research evaluation-funding organizations**

#### Organization and co-organization of 9 international scientific meetings/sessions in the domain of neuropsychology/cognitive neurology

**Direction of the Amiens laboratory of Functional Neurosciences** (EA 4559): 2 full time professors, one associate professor, two neuropsychologists, one secretary

#### Participation to 3 local research organizations (see below)

**Coordination of 4 multicenter research protocols with local** (GREFEX1: 1609 participants; GRECOG-VASC [NCT01339195] ongoing enrolment with 1358 participants; GREFEX2: ongoing inclusions (start in 2015), **national** (DGOS Etude IDEA florbetapir: ongoing inclusions) and **private** (NOVARTIS, REFLEX study: 437 participants) **funding**.

#### Scientific collaborations<sup>3</sup> with 38 international (n=16) and national (n=22) research teams

#### Scientific publications<sup>4</sup>:

**-author and co-author of 206 papers referenced in Medline-WoScience; Total Impact Factor =674; Weighted Impact Factor =325; H Index (WoS/GoogleScholar)=35/39; i10=104; SIGAPS<sup>5</sup>: 2038.**

**-author and co-author of 83 invited conferences and 340 oral communications and posters**

#### -Selection of 20 representative papers

1. Godefroy O, Rousseaux M, Leys D, Destée A, Scheltens P, Pruvo JP. Frontal lobe dysfunction in unilateral lenticulostriate infarcts. Prominent role of cortical lesions. Arch Neurol. 1992; 49: 1285-9.
2. Godefroy O, Lhullier C, Rousseaux M. Non-spatial attention disorders in patients with frontal or posterior brain damage. Brain 1996; 119: 191-202.
3. Godefroy O, Rousseaux M. Binary choice in patients with prefrontal or posterior brain damage. A relative judgement theory analysis. Neuropsychologia 1996; 34: 1029-38.
4. Hénon H, Pasquier F, Durieu I, Godefroy O, Lucas C, Lebert F, Leys D. Preexisting dementia in stroke patients. Baseline frequency, associated factors, and outcome. Stroke 1997; 28: 2429-36.
5. Godefroy O, Rousseaux M. Novel decision making in patients with prefrontal or posterior brain damage. Neurology 1997; 49: 695-701.

<sup>3</sup>This considers only collaborations with common funding or publication or communication

<sup>4</sup>This does not include book chapters and published abstracts from invited conferences and communications

<sup>5</sup>> 1995

6. Godefroy O, Duhamel A, Leclerc X, Saint Michel T, Hénon H, Leys D. Brain-behaviour relationships. Some models and related statistical procedures for the study of brain-damaged patients. *Brain* 1998; 121: 1545-56.
7. Kreisler A, Godefroy O, Delmaire C, Debachy B, Leclercq M, Pruvo JP, Leys D. The anatomy of aphasia revisited. *Neurology* 2000; 54: 1117-23.
8. Godefroy O, Dubois C, Debachy B, Leclerc M, Kreisler A. Vascular aphasias: main characteristics of patients hospitalized in acute stroke units. *Stroke* 2002; 33: 702-5.
9. Godefroy O. Frontal syndrome and disorders of executive functions. *J Neurol.* 2003; 250: 1-6.
10. Godefroy O, Roussel M, Leclerc X, Leys D. Deficit of episodic memory: anatomy and related patterns in stroke patients. *Eur Neurology* 2009; 61: 223-229.
11. Godefroy O, Azouvi P, Robert P, Roussel M, LeGall D, Meulemans T on the behalf of the GREFEX study group. Dysexecutive syndrome: diagnostic criteria and validation study. *Ann Neurol* 2010; 68: 855-64.
12. Godefroy O, Fickl A, Roussel M, Auribault C, Bugnicourt JM, Lamy C, Canaple S, Petitnicolas G. Is the Montreal Cognitive Assessment superior to the Mini-Mental State Examination to detect post-stroke cognitive impairment? A study with neuropsychological evaluation. *Stroke* 2011; 42: 1712-16.
13. Périn B, Godefroy O, Fall S, De Marco G. Exploration of an attentional network in the right hemisphere: an fMRI study of brain interactivity enhanced during phasic alertness. *Brain Cogn* 2010; 72: 271-281.
14. Roussel M, Dujardin K, Hénon H, Godefroy O. Is the frontal dysexecutive syndrome due to a working memory deficit? Evidence from patients with stroke. *Brain* 2012; 135: 2192-201.
15. **Godefroy O**, Leclercq C, Roussel M, Moroni C, Quaglino V, Beaunieux H, Taillia H, Nédélec-Ciceri C, Bonnin C, Thomas-Anterion C, Varvat J, Aboulafia-Brakha T, Assal F, on the behalf of the GRECOG-VASC neuropsychological Committee. French adaptation of the Vascular Cognitive Impairment harmonization standards: the GRECOG-VASC study. *Int J Stroke.* 2012; 7: 362-3.
16. Godefroy O, Martinaud O, Verny M, Mosca C, Lenoir H, Bretault E Roussel M and GREFEX study group. The dysexecutive syndrome of Alzheimer's disease. The GREFEX study. *J Alzheimer Dis.* 2014; 42: 1203-8.
17. **Godefroy O**, Gibbons L, Diouf M, Nyenhuis D, Roussel M, Black S, Bugnicourt JM; GREFEX study group. Validation of an integrated method for determining cognitive ability: Implications for routine assessments and clinical trials. *Cortex.* 2014; 54: 51-62.
18. Azouvi P, Vallat-Azouvi C, Joseph PA, Meulemans T, Bertola C, Le Gall D, Bellmann A, Roussel M, Coyette F, Krier M, Franconie C, Bindschadler C, Diouf M, Godefroy O; GREFEX Study Group. Executive Functions Deficits After Severe Traumatic Brain Injury: The GREFEX Study. *J Head Trauma Rehabil.* 2015; 31 : E10-20.
19. **Godefroy O**, Bakchine S, Verny M, Delabrousse-Mayoux JP, Roussel M, Pere JJ. Characteristics of Alzheimer's Disease Patients with Severe Executive Disorders. *J Alzheimers Dis.* 2016; 51: 815-25.
20. Roussel M, Martinaud O, Hénon H, Vercelletto M, Bindschadler C, Joseph PA, Robert P, Labauge P, **Godefroy O**; GREFEX study group. The Behavioral and Cognitive Executive Disorders of Stroke: The GREFEX Study. *PLoS One.* 2016; 11: e0147602.