

## **Julie Anne Péron, Ph.D.**

### **Contact**

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Faculty of Psychology and Educational Sciences (FPSE) University of Geneva Boulevard du Pont d'Arve 40 1211 Geneva 4, Switzerland	&	Neuropsychology Unit Dpt of Neurology University Hospitals of Geneva (HUG) Rue Gabrielle-Perret-Gentil 4 1205 Geneva, Switzerland
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### **Research interest**

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- Clinical and experimental neuropsychology
- Neuropsychology of habit
- Basal ganglia, subthalamic nucleus, cerebellum
- Parkinson's disease, Gilles de la Tourette syndrome, obsessive compulsive disorders, depression, addiction, multiple sclerosis, stroke, amnesia

### **Affiliations**

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#### **Research groups**

- Swiss Center for Affective Sciences (CISA), University of Geneva, Switzerland
- Center for the Interdisciplinary Study of Gerontology and Vulnerability (CIGEV), University of Geneva, Switzerland
- EA-4712 Behavior and Basal Ganglia, University of Rennes, France

#### **Learned Societies (board / scientific committee member)**

- France Parkinson organization (member of the scientific committee since 2018)
- Swiss Association of Neuropsychologists (former member of the board and the continuing education committee)

## Education

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- 2008<sup>1</sup>**      **PhD in Biology and Health Sciences, University of Rennes, France**  
Thesis entitled *"Role of the subthalamic nucleus and its cortico-subcortical connections in the recognition of facial and vocal expressions of emotion"*  
Direct.: Prof. Marc Vérin (Behaviour and Basal Ganglia Unit (EA 4712))  
*Summa cum laude*, "with highest honor"
- 2002-2004<sup>1</sup>**      **Master of Advanced Studies in Neuropsychology (DEA National de Neuropsychologie), University of Caen, France**  
Research project entitled *"Role of direct personal experience in the preservation of knowledge in individuals with semantic dementia or Alzheimer's disease"*  
Direct.: Prof. Pascale Piolino (INSERM) & Dr Serge Belliard (University Hospital of Rennes)  
*Magna cum laude*, "with great honor"
- 2001-2002**      **Postgraduate Diploma in Clinical Neuropsychology (DESS), University of Caen, France**  
Research project entitled *"Hemispheric specialization in the identification of famous people. Comparative study of right and left temporal cortectomies in patients suffering from pharmaceutical treatment-resistant epilepsy"*  
Direct.: Dr Serge Belliard (University Hospital of Rennes)  
*Magna cum laude*, "with great honor"
- 2000-2001**      **Licence in Psychology, University of Rennes, France**  
Research project (3rd year) entitled *"Identification of famous people, access to semantic and morphological knowledge from names and faces"*  
Direct.: Alain Lieury (University of Rennes)  
*Cum laude*, "with honor"
- 1997-2000**      **Bachelor's Degree in Psychology, University of Rennes, France**  
*Cum laude*, "with honor"
- 1997**      **French Baccalaureate** (specialization: Philosophy and Ancient Greek)  
Lycée Emile Zola, Rennes, France  
*Cum laude*, "with honor"

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<sup>1</sup> Academic career specification: I conducted my master and PhD research whilst working full time as a clinical neuropsychologist in the Department of Neurology of Rennes University Hospital (see below, Clinical activity)

## **Licences to practice clinical psychology**

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- 2016**                    **Accreditation from the Swiss Association of Neuropsychologists**  
Titre de spécialiste en neuropsychologie FSP
- 2015**                    **Accreditation from the Federation of Swiss Psychologists**  
Titre de psychologue FSP
- 2014**                    **Licence to practice in Geneva**  
Droits de pratiques à titre indépendant, Canton de Genève
- 2002**                    **Licence to practice in Europe**  
ADELI registration no.: 359303815

## **Other qualifications**

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- 2015**                    **Training in eye movement desensitization and reprocessing (EMDR) therapy (Level 1)**  
Swiss Institute of Psychotraumatology (IRPT), Lausanne, Switzerland
- 2001-2004**            **Training in Ericksonian hypnosis**  
“Emergences” association, Rennes, France

## Awards and honours

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- since 2018 **France Parkinson Association: *Member of the Humanities Division of the Scientific Committee***
- 2011 **Brittany Regional Council (France): *Young Investigator Award***  
Video of the ceremony with 1987 Chemistry Nobel Prize winner J.-M. Lehn:  
<http://www.youtube.com/watch?v=wObKFIr71z0#t=3919>
- 2010 **French-Speaking Neuropsychological Society (SNLF): *Alain Agniel Prize***
- 2009 **Society for Neuroscience (SfN): *SfN Hot Topics 2009***  
Paper entitled "*Recognition of emotional prosody is disrupted after subthalamic nucleus deep brain stimulation in Parkinson's disease*" selected with 500 others, out of a total of 18,000 submissions, for inclusion in the '*SfN Hot Topics 2009*' at the annual meeting of the Society for Neuroscience (Chicago, USA, October 17-21<sup>st</sup>)
- 2008 **American Academy of Neurology: *Future of Neuroscience***  
Paper entitled "*Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: A PET study*" selected for the '*Future of Neuroscience*' session at the 60<sup>th</sup> Annual Meeting of the American Academy of Neurology (Chicago, USA, April 12-19<sup>th</sup>)
- 2007 **Parkinson's Disease and Movement Disorders Society: *Highlighted posters***  
Paper entitled "*Recognition of negative emotions is impaired by subthalamic nucleus deep brain stimulation in Parkinson's disease*" selected for the '*Highlighted posters*' session at the XI<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders (Istanbul, Turkey, June 3-7<sup>th</sup>)

## Employment and responsibilities

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### Academic

- since 2019**                    **Director of the Clinical and Experimental Neuropsychology Laboratory**  
Faculty of Psychology and Educational Sciences  
University of Geneva, Switzerland
- since 2019**                    **Senior Lecturer (Maître d'enseignement et de recherche)**  
40% from 02/01/2019 to present  
Faculty of Psychology and Educational Sciences  
University of Geneva, Switzerland
- since 2017**                    **Senior Lecturer (Chargée de cours)**  
20% from 01/01/2017 to present  
Faculty of Psychology and Educational Sciences  
University of Geneva, Switzerland
- 2013-2018**                    **Lecturer (Maître-assistante)**  
40% from 01/01/2017 to 01/31/2019  
60% from 04/01/2016 to 12/31/2016  
100% from 04/01/2013 to 03/31/2016  
Faculty of Psychology and Educational Sciences  
University of Geneva, Switzerland
- 2009-2013**                    **Postdoctoral Research Associate (100%)**  
100% from 09/01/2009 to 03/31/2013  
Swiss Center for Affective Sciences (NCCR Affective Sciences)  
University of Geneva, Switzerland
- 2000-2001**                    **Teaching assistant**  
University of Rennes, France

### Clinical

- since 2019**                    **Head-Psychologist of the Clinical Neuropsychology Unit**  
Neurology Department, University Hospitals of Geneva, Switzerland
- since 2016**                    **Clinical neuropsychologist**  
60% since 01/12/2019  
40% from 04/01/2016 to 31/11/2019  
Neurology Department, University Hospitals of Geneva, Switzerland
- 2002-2009**                    **Clinical neuropsychologist (100%)**  
Neurology Department, Pontchaillou University Hospital, Rennes, France
- 2001-2002**                    **Internship in Neuropsychology (100%)**  
Brittany Regional Memory Resource and Research Centre (CMRR)  
Neurology Department, Pontchaillou University Hospital, Rennes, France

### Career break

- 2017-2019**                    **Maternity leave**  
An extended period of maternity leave to bring up my daughter until she is old enough to start nursery school

## **Neuropsychologist or investigator for institutionally funded clinical trials**

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- 2014-Present** Neuropsychologist and principal investigator – “*Role of the cerebellum in emotional processing: insights from stroke patients*” - Department of Neurology, Geneva University Hospitals and Lausanne University Hospital (Collab. Prof. Assal, Sokolov and Pignat)
- 2013-2019** Neuropsychologist and investigator - "*Electrophysiological activity of the subthalamic nucleus in response to emotional prosody in patients suffering from Parkinson's disease and obsessive-compulsive disorders*" - Department of Neurology, Geneva University Hospitals (Collab. Prof. Pollak)
- 2010-Present** Neuropsychologist - "*Treatment of severe, treatment-resistant OCD by high-frequency stimulation of the ventral striatum and subthalamic nucleus. Randomized single-blind clinical trial with medical and economic assessment*" ('STOC2' protocol - National programme for funding expensive innovative techniques, PSTIC). Sponsor: Bordeaux University Hospital
- 2009-Present** Neuropsychologist and investigator - ‘**Stroke and Emotions’ protocol (National hospital-based clinical research programme, PHRC):** "*Emotional processes and basal ganglia: Neuropsychological and neurophysiological study of modifications in emotional experience in patients in the chronic phase of ischaemic stroke. A pilot study*". PIs: Prof. Timsit, Department of Neurology, Brest University Hospital & Prof. Vérin,
- 2009-Present** Neuropsychologist - ‘**STOC UNI-BIL’ protocol (National PHRC):** "*Non-inferiority study of the effect of treating severe and treatment-resistant forms of obsessive-compulsive disorder by high-frequency right or left unilateral versus bilateral stimulation of the subthalamic nucleus*". PI: Dr Jaafari, University Hospital Centre, Poitiers, France
- 2009-Present** Neuropsychologist and investigator - ‘**EMODES’ protocol (funding from the Brittany Regional Centre for Innovation and Technology Transfer, CRITT):** "*fMRI investigation of emotional prosody and decision-making in depressive patients likely to attempt suicide*". PI: Dr Travers, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Adult Psychiatry, Rennes University Hospital, France
- 2008-2013** Neuropsychologist - ‘**Pré-STHYM’ protocol (private-sector funding from Medtronic):** "*Preliminary study assessing the effectiveness of deep brain stimulation in patients suffering from chronic, treatment-resistant depression*". PI: Prof. Millet, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Adult Psychiatry, Rennes University Hospital, France
- 2008-2013** Neuropsychologist - **Ancillary study to ‘Pre-STHYM’ protocol:** "*Effect of the chronic stimulation of the ventral striatum in depression on sexual and eating behaviour*". PI: Dr Drapier, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France
- 2008-2013** Neuropsychologist and investigator - **Ancillary study to ‘Pre-STHYM’ protocol:** "*<sup>18</sup>FDG-PET study of modifications in brain glucose metabolism in patients suffering from chronic, treatment-resistant depression receiving stimulation of the ventral striatum*". PI: Dr Le Jeune, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Nuclear Medicine, CRLCC Eugène Marquis, Rennes, France
- 2008-2011** Neuropsychologist and investigator - ‘**APOTEP’ protocol (private-sector funding from the Aguetant and Orkyn laboratories):** "*Effect of continuous dopaminergic stimulation via apomorphine pump on motor, cognitive and mental fluctuations in advanced Parkinson's patients and <sup>18</sup>FDG-PET*"

*cerebral metabolic correlates*". PI: Prof. Vérin, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France

- 2006-2008** Neuropsychologist - **'STOC' protocol (National PHRC):** "*Treatment of severe obsessive-compulsive disorder by continuous bilateral subthalamic nucleus high-frequency deep brain stimulation*". PI: Dr Mallet. Sponsor: Paris Public Hospital Authority, Regional Clinical Research Division
- 2005-2007** Neuropsychologist - **'STIMPARK II' protocol (Rennes University Hospital Clinical Research Committee, COREC):** "*Analysis of selective attention mechanisms at different stages in the processing of emotional information in stimulated Parkinsonian patients*". PI: Prof. Vérin, EA 4712 Behaviour and Basal Ganglia Research Unit, Department of Neurology, Rennes University Hospital, France

### **Consultant or investigator for privately-funded clinical trials**

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- 2010-2011** Neuropsychologist – Boston Scientific – Neuromodulation Division - VANTAGE STUDY Vercise™ implantable stimulator for treating Parkinson's disease
- 2010-2011** Neuropsychologist – Pierre Fabre Laboratories – Phase-II study assessing the effect of 6 months' treatment with DC158AM on the fatigue of patients with Parkinson's disease
- 2010-2011** Neuropsychologist – Lundbeck – Phase III of the 11018 study assessing the effectiveness and tolerance of Memantine® in patients with Parkinson's disease and Lewy body dementia
- 2003-2004** Neuropsychologist –Pharmacyclics – Phase II of the PCYC-0211 study assessing the effectiveness of injections of Xcytrin® (otexafin gadolinium) in the treatment of brain metastases in patients with cancer
- 2003-2004** Consultant – Sanofi Synthélabo – Phase II of the EFC 5286 study assessing the effectiveness and tolerance of SR57667B in patients in the mild to moderate stages of Alzheimer's disease
- 2003-2004** Neuropsychologist – Servier Laboratories – CORX-CX516-012 study assessing the effectiveness and tolerance of CX516 in patients with mild cognitive impairment (MCI)
- 2003-2004** Neuropsychologist – Lundbeck – Phase III of the 99679 study assessing the effectiveness and tolerance of Memantine® in patients in the mild to moderate stages of Alzheimer's disease

## **Research grant support (total = CHF 1'877.6 K)**

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### **As principal investigator or co-applicant (total = CHF 1'119.6K)**

- 2019**                    **Centre interfacultaire en Sciences Affectives, UNIGE**  
- CHF 11.3K / PI : Dre Péron  
- *"Validation of a battery assessing emotional processing"*
- 2019**                    **Faculty of Psychology and Educational Sciences, UNIGE**  
- CHF 20.4K / PIs : Dre Péron et Professeur Kliegel  
- *"Habits in healthy and pathological aging : a follow-up study"*
- 2019**                    **Swiss National Science Foundation - CHF 538.7 K**  
*"Cerebellar contribution to human emotion: insights from stroke and neuroimaging"*(N° 105314\_182221/1)  
PI
- 2018**                    **Faculty of Psychology, University of Geneva - CHF 20.4K**  
25% d'assistant A2 1 yr  
PIs : Dre Péron, Professeur Desrichard et Professeur Rudrauf  
*"The investigation of contextual variability of older adults' cognitive performances using virtual reality"*
- 2016**                    **Swiss National Science Foundation - CHF 305.6 K**  
*"Integration of acoustic information and attentional processes in human emotional prosody decoding"*(N° 105314\_140622)  
Co-applicant
- 2016**                    **Faculty of Psychology, University of Geneva - CHF 20.4K**  
25% d'assistant A2 1 yr  
PIs : Dre Péron, Professeur Kliegel et Professeur Ghisletta  
*"Habits in healthy and pathological aging"*
- 2014**                    **Butticaz Foundation - CHF 4 K = € 3.2 K**  
*"Role of the basal ganglia in EMDR therapy efficacy"*  
PI
- 2012**                    **Faculty of Psychology, University of Geneva - CHF 2.5 K**  
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21<sup>st</sup>, 2012  
PI
- 2012**                    **Swiss National Science Foundation - CHF 10 K**  
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21<sup>st</sup>, 2012  
PI
- 2012**                    **NCCR Affective Sciences - CHF 20 K**  
For the organization of an international congress entitled *"What does human intracerebral recording tell us about emotions?"* held in Geneva on Sept. 19-21<sup>st</sup>, 2012  
PI



**2009-2011**                    **AXA Research Fund postdoctoral fellowship\*** - € 120 K  
*"Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression"*.  
PI  
**\*Of note: Worldwide invitation to tender, 26 projects selected in 2009 across all disciplines**

**As investigator (CHF 758K)<sup>2</sup>**

**2012-2015**                    **Swiss National Science Foundation (SNSF)** - CHF 440 K = € 356  
*"Functional specialization and integration of the basal ganglia in human emotional prosody decoding"* (No. 105314\_140622)  
PI: Prof. Grandjean

**2010-2014**                    **Hospital-Based Clinical Research Programme (PHRC-IR)** - €120 K  
*"Electrophysiological activity of the subthalamic nucleus during the processing of emotional and motivational information in patients with Parkinson's disease"*  
PI: Prof. Vérin

**2010-2014**                    **Emergent Challenges of the Department for Research and Innovation, University of Rennes** - € 12 K  
*"Electrophysiological activity of the subthalamic nucleus during the processing of emotional and motivational information in patients with Parkinson's disease"*  
PI: Prof. Vérin

**2007-2009**                    **University Hospital Clinical Research Committee (COREC), University of Rennes** - € 28 K  
*"Effects of subthalamic nucleus deep brain stimulation on the recognition of vocally expressed emotion in Parkinson's disease"*  
PI: Prof. Vérin

**2005-2007**                    **Hospital-Based Clinical Research Programme (PHRC-IR)** - €74 K.  
*"Effects of subthalamic nucleus deep brain stimulation on social cognition in Parkinson's disease"*  
PI: Prof. Vérin

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<sup>2</sup> I designed and wrote these projects but were unable to be considered as PI because these grants were financing my own position

## Major collaborations

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### Switzerland

#### University Hospitals of Geneva

- Neurology Dpt
  - Behavioral and cognitive Neurology Unit - Prof. Assal
  - Movement Disorders Unit - Dr. Zacharia
  - Clinical electrophysiology Unit - Dr. Boex and Tyrand
  - Neuroimmunology Unit - Professor Lalive d'Épinay
- Neurosurgery Dpt - Professor Schaller and Dr Momjian
- Psychiatry Dpt - Professor Mallet

#### University of Geneva

- Faculty of Psychology and Educational Sciences
  - Neuropsychology of emotion - Professor Grandjean
  - Methodology and data analyses - Professors Renaud & Ghisletta
  - Applied psychology - Professor Desrichard
  - Cognitive aging - Professor Kliegel
  - Psychometrics and personality - Dr. Lecerf

#### Lausanne University Hospital

- Neurosurgery Dpt - Dr Bloch
- Neurology Dpt - Dr Pignat

#### University of Zurich

- Institute of Psychology - Prof. Fruehholz

#### University Hospitals of Bern

- Movement Disorders Unit - Professor Krack
- Neurology Dpt - Dr Sokolov

### France

#### University Hospital of Rennes

- Neurology Dpt & EA-4712 Behavior and Basal Ganglia - Prof. Vérin
- Neurosurgery Dpt - Dr. Haegelen
- Clinical Neurophysiology Dpt - Dr. Sauleau
- Adult Psychiatry Dpt - Prof. Drapier
- UMR 1099 LTSI, Médecis INSERM - Dr. Jannin

#### University Hospital of Poitiers

- Adult Psychiatry Dpt & Clinical Investigation Center, INSERM 0802 - Prof. Jaafari

#### Pitié-Salpêtrière University Hospital & Brain and Spine Institute, Paris

- Behavior, Emotion, and Basal Ganglia Group - Drs. Yelnik & N'Diaye

**Fernand-Vidal University Hospital**

→ Adult Psychiatry Dpt - Dr Biseul

**Belgium**

**Catholic University of Leuven**

→ Cognitive Neuroscience Unit - Prof. Philippot

**Germany**

**Heinrich Heine University and University Hospital of Düsseldorf**

→ Neurology & Medical Psychology Dpt - Prof. Schnitzler & Dr. Wojtecki

**Canada**

**University of Montreal**

→ Psychology Dpt - Prof. Saj

## Scientific coordination of multicentre projects

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- Since 2014**                    **Coordinator of the** the study entitled: "*Role of the cerebellum in emotional processing: insights from stroke patients*"  
- PI: Dre Péron - Sponsor: University Hospitals of Geneva  
- Centres involved: University Hospitals of Geneva and Lausanne University Hospital
- Since 2014**                    **Coordinator of the neuropsychological assessments** of the study entitled: "*Deep brain stimulation in patients suffering from chronic, treatment-resistant depression*" ('**STHYM**' - National PHRC)  
- PI: Prof. Millet - Sponsor: Rennes University Hospital  
- Centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- Since 2014**                    **Coordinator of the ancillary study** entitled "*Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression*", within the framework of the '**STHYM**' protocol (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- Since 2008**                    **Coordinator of the ancillary study** entitled "*Effects of high-frequency subthalamic nucleus deep brain stimulation on the recognition of emotions communicated by the voice in patients with obsessive-compulsive disorder*", within the framework of the '**STOC UNI-BIL**' protocol. PI: Dr Jaafari, Department of Adult Psychiatry, Poitiers University Hospital, France. Sponsor: Poitiers University Hospital (centres involved: Clermond-Ferrand, Lyon, Marseille, Nancy, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne hospital)
- 2008-2013**                    **Coordinator of neuropsychological assessments** under the aegis of the '**Pre-STHYM**' protocol "*Preliminary study assessing the effectiveness of deep brain stimulation in patients suffering from chronic, treatment-resistant depression*". PI: Prof. Millet (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy, Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and Paris Ste-Anne and Pitié-Salpêtrière hospitals)
- 2008- 2013**                    **Coordinator of the ancillary study** entitled "*Electrophysiological activity of the ventral striatum during the processing of emotional prosody in patients with chronic, treatment-resistant depression*", within the framework of the '**Pre-STHYM**' protocol (centres involved: Bordeaux, Clermond-Ferrand, Grenoble, Lille, Lyon, Marseille, Nancy,

Nantes, Nice, Poitiers, Rennes and Toulouse university hospitals, and  
Paris Ste-Anne and Pitié-Salpêtrière hospitals)

## **Invited talks / conferences**

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- 2019** Talk at the Seminar of the Neuropsychology Unit, Hospital of Caen, France (Profs Eustache and Desgranges)
- 2019** Talk at the Seminar of the Neuropsychology Unit, Hospital of Angers, France (Prof. Le Gall)
- 2019** Talk at the Seminar of the Neuropsychology Unit, Hospital of Neuchâtel, Switzerland
- 2019** Conference at the Women's Added Value in the Economy Annual Conference, Career Women's Forum, Graduate Institute of International and Development Studies, Geneva, Switzerland
- 2018**<sup>3</sup> Talk at the Department of Anatomical, Histological, and Forensic Medicine, University Sapienza Roma, Italia (Dr Mirabella)
- 2018** Round table on the French-speaking Clinical Neuropsychology at the National Congress of Clinical Neuropsychology (CNNC 3), Amiens, France
- 2018** Talk at the Seminar of the Neuropsychology Unit, Hospital of Neuchâtel, Switzerland
- 2018** Talk at the Seminar of the Neurology/Neuropsychology Hospital of Fribourg, Switzerland (Dr Accola)
- 2018** Conference at the 10<sup>th</sup> International Congress of Neuropsychology of Frontal Lobes and Executive Functions, Angers, France (Professeur Allain)
- 2018**<sup>3</sup> Talk at the 7<sup>th</sup> edition - Human Ressources Annual Forum, Scienceo, Nantes, France
- 2017**<sup>3</sup> Conference at the 37th European Winter Conference on Brain Research, Les Arcs 1800, France (Professeure Baunez)
- 2016** Chairperson at the International deep brain stimulation symposium, Charité University Hospital, Berlin (Prof. Kühn)
- 2016** Talk at the Seminar of the Interfaculty Center of gerontology (CIGEV), UNIGE (Prof. Kliegel)
- 2016** Conference and chairperson at the 11<sup>th</sup> International Congress on Non-Motor

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<sup>3</sup> Declined for maternity leave

Dysfunctions in Parkinson's Disease and Related Disorders, 6–9 October 2016;  
Ljubljana, Slovenia

- 2016** Conference at the 29<sup>th</sup> European College of Neuropsychopharmacology, Vienna, Austria
- 2015** Talk at the Clinical Neuroscience Seminar, Lausanne University Hospital
- 2015** Conference at the Swiss Doctoral School in Affective Sciences, CISA, University of Geneva
- 2015** Conference and chairperson at the 15<sup>th</sup> European Congress on Clinical Neurophysiology, Brno, Czech Republic
- 2015** Conference at the French speaking Psychiatry and Neurological Society annual congress, Tours, France
- 2015** Conference at the Signoret annual congress, Unit Inserm U1077, Neuropsychology Laboratory, University of Caen (Prof. Eustache)
- 2014** Talk at the Geneva Motivation Lab, Faculty of Psychology, University of Geneva (Prof. Gendolla)
- 2014** Talk at the French Academy of Sciences, Rennes, France
- 2013** Talk at the Centre for Movement Disorders and Neuromodulation, Department of Neurology, Charité University Hospital, Berlin (Prof. Kühn)
- 2013** Talk at the Centre for Movement Disorders and Neuromodulation, Department of Neurology, Heinrich Heine University, Düsseldorf, Germany (Prof. Schnitzler)
- 2013** Talk at the Department of Neuropsychology, Geneva University Hospitals (Dr. Assal)
- 2013** Talk at the Brain and Spine Institute, Paris (Prof. Mallet)
- 2013** Talk at the Department of Neurology, Geneva University Hospitals (Prof. Pollak)
- 2010** Conference at the French speaking Neuropsychological Society annual congress, Lille, France

**2009**

Conference at the French speaking Neurological Society annual congress,  
Lille, France



## Teaching

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### Graduate

#### *Courses*

- Since 2018** "*Adult Clinical Neuropsychology*" (3 ECTS in French), Master in Psychology, Department of Psychology and Educational Sciences, University of Geneva, Switzerland
- Since 2018** "*Adult Neuropsychology Assessment and Intervention*" (3 ECTS in French), Master in Psychology, Department of Psychology and Educational Sciences, University of Geneva, Switzerland
- Since 2016** "*Neuropsychology of habit*" (3 ECTS in French), Master in Psychology, Department of Psychology and Educational Sciences, University of Geneva, Switzerland
- Since 2013** "*Behavioural Integration, Action Organisation, and Emotional Processing*" (3 ECTS in French), Master in Affective Psychology and Neuroscience, Department of Psychology and Educational Sciences, University of Geneva, Switzerland

#### *Lectures*

- Since 2018** "*Cognition: emotional processing and social cognition*" (3hrs lecture in French), Master in Clinical Neuroscience, Department of Health Sciences, University of Upper Brittany, Rennes, France
- Since 2016** "*Experimental Neuropsychology: emotional processing in Parkinson's disease*" (3hrs lecture in English), Master in Neuroscience, Department of Medicine, University of Geneva, Switzerland
- Since 2014** "*Emotional processing in Parkinson's disease*" (2hrs lecture in French), National French Master in Neuropsychology and Neuroscience, University of Lyon 2, France
- 2007-2009** "*Neuropsychology of Human Memory*" (6hrs lecture in French), "*Neuropsychology of Instrumental Functioning*" (4hrs lecture in French), "*Neuropsychology of Executive Functions*" (4hrs lecture in French), "*Neuropsychology of Emotional Processes and Social Cognition*" (4hrs lecture in French), M2 in Animal and Human Behaviour, Department of Life and Environmental Science, University of Rennes I, France
- 2006-2009** "*Clinical Neuropsychology, a Cognitive Approach*" (4hrs lecture in French), "*Deep Brain Stimulation in Neuropsychiatric Pathologies*" (4hrs lecture in French) M1 in Animal and Human Behaviour, University of Rennes I, France
- 2004-2005** "*The Neuroanatomy of Language*" (4 hrs lecture in French), M2 in Cognitive Psychology, Department of Cognitive Psychology, University of Rennes, France

## Postgraduate

- Since 2018** "*Intracranial recordings and human emotions*" (4 hrs lecture in English), University Diploma in Stereotaxy and Psychiatry, Assistance Publique des Hôpitaux de Paris, Paris, France
- 2005-2006** "*Neuropsychological Assessment of Dementias*" (6hrs lecture in French), Postgraduate specialization and diploma in geriatrics, Faculty of Medicine, University of Rennes I, France

## Continuing Education

- Since 2015** Organization of the Annual Continuing Education Conference of the Swiss Association of Neuropsychologists (about 80-100 participants each year)
- 2019 topic: « *Neuropsychology and neuro-immunology* »
  - 2018 topic: « *Memory systems throughout the lifespan* »
  - 2017 topic: « *Contribution and limits of neuroimaging in clinical neuropsychology: from diagnosis to rehabilitation* »
  - 2016 topic: « *Clinical neuropsychology of emotion* »
- 2016** Lecture entitled "*Toward an integrative approach in clinical neuropsychology of emotion*", Annual Continuing Education Conference of the Swiss Association of Neuropsychologists

## Online training and other medias

- 2016** Participation of the Massive Open Online Course (MOOC) in Neuroscience entitled: "*Audition, language, music*"
- 2003** Participation in the development of a DVD, in partnership with Lundbeck, on a neuropsychological tool for assessing patients in the advanced stages of Alzheimer's disease and associated disorders (Severe Impairment Battery, SIB) aimed at geriatricians and neurologists

## Supervision

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### Post-doctoral level

- Since 2019** Dr Jordan Pierce, UNIGE  
*Habit and large scale brain and cerebellar networks*
- Since 2013** Dr Benis, Faculty of Psychology, University of Geneva, CH  
*Basal ganglia, rythm and emotion*

### PhD

- Since 2019** M. Voruz, FPSE, UNIGE  
*Hemispheric specialization of the subthalamic nucleus in cognition and emotion*
- Since 2019** M<sup>me</sup> Thomasson, FPSE, UNIGE  
*Cerebellum and human emotion*
- Since 2017** M<sup>me</sup> Murray, FPSE, Faculty of Psychology, University of Geneva, CH  
*Visuo-spatial integration and vocal emotion*

### Master in Psychology

- 2019-2021** M<sup>me</sup> de Jesus Pereira, Faculty of Psychology, University of Geneva, CH
- 2018-2020** M<sup>me</sup> Thorimbert, Faculty of Psychology, University of Geneva, CH
- 2016-2018** M<sup>me</sup> Wenig, Faculty of Psychology, University of Geneva, CH
- 2015-2018** M<sup>me</sup> Doudenkova, Faculty of Psychology, University of Geneva, CH
- 2015-2017** M<sup>me</sup> Thomasson, Faculty of Psychology, University of Geneva, CH  
M<sup>me</sup> Cobarro, Faculty of Psychology, University of Geneva, CH  
M<sup>me</sup> André, Faculty of Psychology, University of Geneva, CH
- 2014-2016** M<sup>me</sup> Correa-Batiz, Faculty of Psychology, University of Geneva, CH  
M<sup>me</sup> Gavand, Faculty of Psychology, University of Geneva, CH
- 2012-2014** M<sup>me</sup> Siegenthaler, Faculty of Psychology, University of Geneva, CH
- 2012-2014** M<sup>me</sup> Python, Faculty of Psychology, University of Geneva, CH
- 2009-2010** M<sup>me</sup> Guillemot, Faculty of Psychology, University of Rennes, France

### Research internship

- 2019-2020** M<sup>me</sup> Paraskevi Antoniou, Faculty of Psychology, University of Geneva, CH
- 2019-2020** M<sup>me</sup> Fragnoli, Faculty of Psychology, University of Geneva, CH
- 2018-2019** M<sup>me</sup> Selosse, Faculty of Psychology, University of Geneva, CH
- 2018-2019** Mr Voruz, Faculty of Psychology, University of Geneva, CH
- 2016-2017** M<sup>me</sup> Stirnimann, Faculty of Psychology, University of Geneva, CH

### Clinical internship in neuropsychology

- 2020** M<sup>me</sup> Jacot de Alcantara, University Hospitals of Geneva, CH
- 2016-2017** M<sup>me</sup> Bapst, University Hospitals of Geneva, CH

**2015-2016** M<sup>me</sup> Müller, University Hospitals of Geneva, CH  
M<sup>me</sup> Collignon, University Hospitals of Geneva, CH  
M. Genoud-Prachex, University Hospitals of Geneva, CH  
**2009-2010** M<sup>me</sup> Guillemot, University Hospital of Rennes, France  
**2008-2009** M. Christen, FPSE, University Hospital of Rennes, France

### Theses in medicine

**2010** Dre Gibou, Neurology, University Hospital of Rennes, France  
**2009** Dre Ory, Neurology, University Hospital of Rennes, France  
Dre el Tamer, Psychiatry, University Hospital of Rennes, France

### Jury

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#### PhD theses

#### *Referee*

**2018** M<sup>me</sup> Smith, PhD in Neuroscience, Sorbonne University, Paris, France  
**2019** M. Benzina, PhD in Neuroscience, Sorbonne University, Paris, France

#### *Examiner*

**2016** M<sup>me</sup> Argaud, PhD in Psychology, FPSE, UNIGE

### Master level in Psychology

**2019** M<sup>me</sup> Cavadini, Master in Psychology, FPSE, UNIGE  
M<sup>me</sup> Schupbach, Master in Psychology, FPSE, UNIGE  
M<sup>me</sup> Lombard, Master in Psychology, FPSE, UNIGE  
M<sup>me</sup> Antonio, Master in Psychology, FPSE, UNIGE  
**2018** M<sup>me</sup> Grillet, Master in Psychology, FPSE, UNIGE  
**2017** M<sup>me</sup> Chaupond, Master in Psychology, FPSE, UNIGE  
**2016** M<sup>me</sup> Boeri, Master in Psychology, FPSE, UNIGE  
**2015** M<sup>me</sup> Jeanmonod, Master in Psychology, FPSE, UNIGE  
M<sup>me</sup> Chaabi, Master in Psychology, FPSE, UNIGE  
M<sup>me</sup> Domingos Felicio, Master in Psychology, FPSE, UNIGE  
**2014** M<sup>me</sup> Malagurski, Master in Neuropsychology, Lyons, Toulouse and Grenoble Universities, France

### Theses in Medicine

**2006** Dr Lazar, thesis of general medicine

## University and non-university scientific services

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- 2020** Member of the scientific council for the High Council for Evaluation of Research and Higher Education (Hcéres), France
- Since 2018** Member of the Scientific Committee (Humanities and Social Sciences Division), France Parkinson non-Profit Organization
- Since 2016** Member of the Board, Swiss Association of Neuropsychologists (ASNP)
- Since 2015** Member of the Continuing Education Committee, Swiss Association of Neuropsychologists (ASNP)
- Since 2013** Member of the Faculty Program Committee, Faculty of Psychology, University of Geneva, Switzerland
- 2013** Member of the scientific committee, European Clinical Neurophysiology Society
- 2012** Member of the Section of Neuropsychology of the French group of Neuromodulation by implanted material ("Club français de Neuromodulation par Matériel Implanté")
- 2002-2009** Participation in the creation of the Network of Clinical Neuropsychologists of Brittany, France
- 2002-2006** Vice President of the *Association of Neuropsychology Students* of Caen, Fr

## Congress organization

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- 2012** Member of the scientific and organizing Committee of the "15<sup>th</sup> European Congress on Clinical Neurophysiology", Brno, Czech Republic
- 2012** Organization - together with Profs. Grandjean and Vuilleumier, and Dr Saj - of the international congress "What does human intracerebral recording tell us about emotions?" held in Geneva on Sept. 19-21<sup>st</sup>, 2012.

## Articles in peer-reviewed journals

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### \* As first or last author

#### 2019

- 49 - \*Thomasson, M., Saj., A., Benis, D., Grandjean, D., Assal, F., & Péron, J. (2019) Cerebellar contribution to vocal emotion decoding: insights from stroke and neuroimaging. *Neuropsychologia*, 132, 107-141.
- 48 - \*Péron, J. (2019) [The neuropsychology of habit: how a historical perspective can shed light on current issues]. *Revue de Neuropsychologie*, 11, 124-33.
- 47 - Duprez, J., Houvenaghel, JF., Dondaine, T., Péron, J., Haegelen, C., Drapier, S., Modolo, J., Jannin, P., Vérin, M., Sauleau, P. (In Press) Subthalamic nucleus local field potentials recordings reveal subtle effects of promised reward during conflict resolution in Parkinson's disease. *Neuroimage*, 197, 232-242.
- 46 - Angulo, J., Fleury, V., Péron, J., Penzenstadler, L., Zullino, D., Krack, P. (2019) Shame in Parkinson's disease: a review. *Journal of Parkinson's disease*, 489-499.
- 45 - \*Thomasson M. & **Péron J.** (2019) [Involvement of the cerebellum in the vocal recognition of emotions: the specificity of negative emotions?] *Les Cahiers de Neuropsychologie Clinique*, 8, 49-53.
- 44 - \*Chartrand J.P., Lapeirre D., **Péron J.**, Saj A., Wauquier G. (2019) [Perspectives on French-speaking Clinical Neuropsychology]. *Les Cahiers de Neuropsychologie Clinique*, 8, 24-32 (group of authors with equivalent contribution, arranged in alphabetical order).
- 43 - \*Chartrand J.P., Lapeirre D., **Péron J.**, Saj A., Wauquier G. (2019) [Perspectives on French-speaking Clinical Neuropsychology]. *Neuropsychologie Clinique et Appliquée*, 3, 10-16 (group of authors with equivalent contribution, arranged in alphabetical order).

#### 2018<sup>4</sup>

- 42 - \*Stirniman, N., N'Diaye, K., Le Jeune, F., Houvenaghel, J.F., Robert, G., Drapier, S., Drapier, D., Grandjean, D., Vérin, M., Sauleau, P., **Péron, J.** (2018) Left but not right-onset Parkinson's disease patients display vocal emotion deficits: a PET study. *Neuropsychologia*.
- 41 - Baumgarten, C., Houvenaghel, JF., Zhao, Y., **Péron, J.**, Drapier, S., Jannin, P., Morandi, X., Haegelen, C. (2018) Functional Atlases for analysis of Motor and Neuropsychological Outcomes after Medial Globus Pallidus and Subthalamic stimulation, *PLoS ONE*.
- 40 - Bouthour, W., Wegrzyk, J., Momjian, S., **Péron, J.**, Fleury, V., Tomkova Chaoui, E., Horvath, J., Boëx, C., Lüscher, C., Burkhard, P., Krack, P., Zacharia, A. (2018) Short pulse width in subthalamic stimulation in Parkinson's disease: a randomized, double-blind study. *Movement Disorders*, 33, 169-173.

## 2017<sup>4</sup>

- 39 - \***Péron, J.**, Renaud, O., Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, J.F., Dondaine, T., Vérin, M., Grandjean, D. (2017) Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: an intracranial ERP study in Parkinson's disease. *Brain and Language*, 168, 1-11.

## 2016

- 38 - \*Ory, S., Le Jeune, F., Haegelen, C., Vicente, S., Philippot, P., Vérin, M., **Péron, J.** (2016). Prefrontal-insular- cerebellar modifications correlate with disgust feeling blunting after subthalamic stimulation: a PET study in Parkinson's disease. *Journal of Neuropsychology*, doi:10.1111/jnp.12094.
- 37 - \***Péron, J.** (2016) [Neuropsychological care of patients undergoing deep brain stimulation in neurology and psychiatry: towards an individualized, integrated approach] *Revue de Neuropsychologie*, 8, 16-24.
- 36 - \***Péron, J.**, Frühholz, S., Ceravolo, L., Grandjean, D. (2016) Structural and functional connectivity of the subthalamic nucleus during vocal emotion decoding. *Social Cognitive and Affective Neuroscience*, 11(2): 349-356.

## 2015

- 35 - Houvenaghel, J.F., Le Jeune, F., Dondaine, T., Esquevin, A., Robert, G., **Péron, J.**, Haegelen, C., Drapier, S., Jannin, P., Lozachmeur, C., Argaud, S., Duprez, J., Drapier, D., Vérin, M., Sauleau, P. (2015) Reduced verbal fluency following STN-DBS: a frontal-related cognitive deficit? PLoS ONE, DOI: 10.1371/journal.pone.0140083
- 34 - \***Péron, J.**, Piolino, P., Desgranges, B., Eustache, F., Belliard, S. Preservation of person-specific semantic knowledge in Semantic Dementia: does the direct personal experience have a specific role? *Frontiers in Human Neuroscience*.
- 33 - \***Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Patel, S., Drapier, D., Vérin, M., Grandjean, D. (2015) Sensory contribution to vocal emotion deficit in Parkinson's disease after subthalamic stimulation. *Cortex*, 63, 172-183. (2012 IF = 6.1; citations = 1)

## 2014

- 32 - Robert, G., Le Jeune, F., Lozachmeur, C., Drapier, S., Dondaine, T., **Péron, J.**, (...) & Drapier, D. (2014). Preoperative factors of apathy in subthalamic stimulated Parkinson's disease: a PET study. *Neurology*, 83, 1620-6. (2012 IF = 8.3; citations = 6)
- 31 - Millet, B., Jaafari, N., Polosan, M., Baup, N., Giordana, B., Haegelen, C., Chabardes, S., Fontaine, Denys., Devaux, B., Yelnik, J., Fossati, P., Aouizerate, B., Krebs, MO., Robert, G., Jay, T., Cornu, P., Vérin, M., Drapier, S., Drapier, D., Sauleau, P., **Péron, J.**, et al. (2014). Limbic versus cognitive target for deep brain stimulation in treatment-

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<sup>4</sup> Extended maternity leave from April 2017 to February 2019

resistant depression: Accumbens more promising than caudate. *European Neuropsychopharmacology*, 24, 1229–1239. (2012 IF = 4.6; citations = 3)

- 30 - Lozachmeur, C., Drapier, S., Robert, G., Dondaine, T., Laviolle, B., Sauleau, P., **Péron, J.**, Le Jeune, F., Travers, D., Millet, B., Vérin, M., & Drapier, D. (2014). Pallidal stimulation in Parkinson's disease does not induce apathy. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 26, 221-226. (2012 IF = 2.4)
- 29 - Dondaine, T., Robert, G., **Péron, J.**, Grandjean, D., Vérin, M., Drapier, D., Millet, B. (2014). Biases in facial and vocal emotion recognition in chronic schizophrenia. *Frontiers in Psychology*, 5, 900. (citations = 1)
- 28 - \***Péron, J.** (2014). Does STN-DBS really not change emotion recognition in Parkinson's disease? *Parkinsonism and Related Disorders*, 20, 562e563. (2012 IF = 3.7; citations = 1).
- 27 - \***Péron, J.**, Grandjean, D., Drapier, S., & Vérin, M. (2014). Effect of dopamine dose on nonverbal affect burst recognition in Parkinson's disease. *PLOS ONE*, 9, e90092. (2012 IF = 3.7; citations = 3)
- 26 - Milesi, V., Cekic, S., **Péron, J.**, Frühholz, S., Cristinzo C., Seeck, M., & Grandjean, D. (2014). Multimodal emotion perception after anterior temporal lobectomy. *Frontiers in Human Neuroscience*, 8:275. doi: 10.3389. (2012 IF = 2.9; citations = 6)
- 25 - Robert, G., LeJeune, F., Dondaine, T., Drapier, S., **Péron, J.**, Lozachmeur, C., Sauleau, P., Houvenaghel, JF., Travers, D., Millet, B., Vérin, M., & Drapier, D. (2014). Apathy and impaired emotional facial recognition networks overlap in Parkinson's disease: A PET study with conjunction analyses. *Journal of Neurology, Neurosurgery, and Psychiatry*, 85,1153-8. (2012 IF = 4.9; citations = 1; citations = 8)

## 2013

- 24 - \***Péron, J.**, Frühholz, S. Vérin, M., & Grandjean, D. (2013). Subthalamic nucleus: A key structure for emotional component synchronization in humans. *Neuroscience & Biobehavioral Reviews*, 37, 358–373. (2012 IF = 9.4; citations = 63)

## 2012

- 23 - \***Péron, J.**, Dondaine, T., Le Jeune., F., Grandjean, D., & Vérin, M. (2012). Emotional processing in Parkinson's disease: A systematic review. *Movement Disorders*, 27, 186-199. (2012 IF = 4.5; citations = 49)
- 22 - \***Péron, J.**, & Dondaine, T. (2012). Emotion et noyaux gris centraux (II) : Que peut nous apprendre le modèle de la stimulation cérébrale profonde du noyau subthalamique dans la maladie de Parkinson ? [Emotion and basal ganglia (II): What can we learn from subthalamic nucleus deep brain stimulation in Parkinson's disease?] *Revue Neurologique*, 168, 642-648. (2012 IF = 0.5; citations = 2)
- 21 - \*Dondaine, T., & **Péron, J.** (2012). Emotion et noyaux gris centraux (I) : Que peut nous apprendre la maladie de Parkinson ? [Emotion and basal ganglia (I): What can we learn from Parkinson's disease?] *Revue Neurologique*, 168, 634-641. (2012 IF = 0.5; citations = 1)



- 20 - Robert, G., Le Jeune, F., Lozachmeur, C., Drapier, S., Dondaine, T., **Péron, J.**, Travers, D., Sauleau, P., Millet, B., Verin, M., & Drapier, D. (2012). Apathy in patients with Parkinson disease without dementia or depression: A PET study. *Neurology*, *79*, 1155-1160. (2012 IF = 8.3; citations = 31)
- 19 - Drapier, S., Gillioz, A. S., Leray, E., **Péron, J.**, Rouaud, T., Marchand, A., & Vérin, M. (2012). Apomorphine infusion in advanced Parkinson's patients with subthalamic stimulation contraindications. *Parkinsonism and Related Disorders*, *18*, 40-44. (2012 IF = 3.7; citations = 18)

## 2011

- 18 - **\*Péron, J.** (2011). Rôle fonctionnel du noyau subthalamique dans les processus émotionnels: que peut-nous apprendre le modèle de la stimulation cérébrale dans la maladie de Parkinson ? [Functional role of subthalamic nucleus in emotional processing: What can we learn from subthalamic nucleus deep brain stimulation in Parkinson's disease?] *Revue de Neuropsychologie*, *3*, 181-188.
- 17 - **\*Péron, J.**, el Tamer, S., Grandjean, D., Travers, D., Drapier, D., Vérin, M., & Millet, B. (2011). Major depressive disorder skews the recognition of emotional prosody. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, *35*, 987-996. (2012 IF = 3.5; citations = 30)
- 16 - Vicente, S., **Péron, J.**, Biseul, I., Ory, S., Philippot, P., Drapier, S., Drapier, D., & Vérin, M. (2011). Subjective emotional experience at different stages of Parkinson's disease. *Journal of the Neurological Sciences*, *310*, 241-247. (2012 IF = 2.3; citations = 6)

## 2010

- 15 - **\*Péron, J.**, Le Jeune, F., Haegelen, C., Dondaine, T., Drapier, D., Drapier, S., Millet, B., & Vérin, M. (2010). Subthalamic nucleus stimulation affects theory of mind network: A PET study in Parkinson's disease. *PLOS ONE*, *5*, e9919. (2012 IF = 3.7; citations = 39)
- 14 - **\*Péron, J.**, Grandjean, D., Le Jeune, F., Sauleau, P., Haegelen, C., Drapier, D., Rouaud, T., Drapier, S., & Vérin, M. (2010). Recognition of emotional prosody is disrupted after subthalamic nucleus deep brain stimulation in Parkinson's disease. *Neuropsychologia*, *48*, 1053-1062. (2012 IF = 3.5; citations = 38)
- 13 - **\*Péron, J.**, Biseul, I., Leray, E., Vicente, S., Le Jeune, F., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., & Vérin, M. (2010). Subthalamic nucleus stimulation affects fear and sadness recognition in Parkinson's disease. *Neuropsychology*, *24*, 1-8. (2012 IF = 3.6; citations = 35)
- 12 - Le Jeune, F., **Péron, J.**, Grandjean, D., Drapier, S., Haegelen, C., Garin, E., Millet, B., & Vérin, M. (2010). Subthalamic stimulation affects limbic and associative circuits: A PET study in Parkinson's disease. *European Journal of Nuclear Medicine and Molecular Imaging*, *37*, 1512-1520. (2012 IF = 5.1; citations = 26)

- 11 - Le Jeune, F., Vérin, M., N'Diaye, K., Drapier, S., Leray, E., Tezenas, S., Baup, N., Pelissolo, A., Polosan, M., Mallet, L., Yelnik, J., Devaux, B., Fontaine, D., Chéreau, I., Bourguignon, A., **Péron, J.**, Sauleau, P., Raoul, S., Garin, E., Kreps, M.O., Jaafari, N., & Millet, B. (2010). Decrease of prefrontal metabolism after subthalamic stimulation in obsessive-compulsive disorder: A PET study. *Biological Psychiatry*, *68*, 1016-1022. (2012 IF = 9.5; citations = 58)
- 10 - Rouaud, T., Dondaine, T., Drapier, S., Haegelen, C., Lallement, F., **Péron, J.**, Raoul, S., Sauleau, P., & Vérin, M. (2010). Pallidal stimulation in advanced Parkinson's patients with contraindications for subthalamic stimulation. *Movement Disorders*, *25*, 1839-1846. (2012 IF = 4.5; citations = 31)
- 9 - Haegelen, C., Daniel Garcia-Lorenzo, D., Le Jeune, F., **Péron, J.**, Gibaud, B., Riffaud, L., Brassier, G., Barillot, C., Vérin, M., & Morandi, X. (2010). SPECT and PET analysis of subthalamic stimulation in Parkinson's disease: Analysis using a manual segmentation. *Journal of Neurology*, *257*, 375-382. (2012 IF = 3.6; citations = 10)

## 2009

- 8 - **\*Péron, J.**, Vicente, S., Leray, E., Drapier, S., Drapier, D., Cohen, R., Biseul, I., Sauleau, P., Rouaud, T., Le Jeune, F., & Vérin, M. (2009). Are dopaminergic pathways involved in theory of mind? A study in Parkinson's disease. *Neuropsychologia*, *47*, 406-414. (2012 IF = 3.5; citations = 89)
- 7 - Le Jeune, F., Drapier, D., Bourguignon, A., **Péron, J.**, Mesbah, H., Drapier, S., Sauleau, P., Haegelen, C., Travers, D., Garin, E., Malbert, CH., Millet, B., & Vérin, M. (2009). Subthalamic nucleus stimulation in Parkinson's disease induces apathy: Correlations with a PET study. *Neurology*, *73*, 1746-1751. (2012 IF = 8.3; citations = 98)
- 6 - Sauleau, P., Leray, E., Rouaud, T., Drapier, S., Drapier, D., Blanchard, S., Drillet, G., **Péron, J.**, & Vérin, M. (2009). Comparison of weight gain and energy intake after subthalamic versus pallidal stimulation in Parkinson's disease. *Movement Disorders*, *24*, 2149-2155. (2012 IF = 4.5; citations = 36)
- 5 - Vicente, S., Biseul, I., **Péron, J.**, Philippot, P., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., & Vérin, M. (2009). Subthalamic nucleus stimulation affects emotional experience in Parkinson's disease patients. *Neuropsychologia*, *47*, 1928-1937. (2012 IF = 3.5; citations = 25)

## 2008-2006

- 4 - **\*Le Jeune, F.**, **#Péron, J.**, Biseul, I., Fournier, S., Sauleau, P., Drapier, S., Haegelen, C., Drapier, D., Millet, B., Garin, E., Herry, J.-Y., Malbert, C.-H., & Vérin, M. (2008). Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: A PET study. *Brain*, *131*, 1599-1608. (2012 IF = 9.9; citations = 65)  
**#shared first authorship**
- 3 - **\*Drapier, D.**, **#Péron, J.**, Leray, E., Sauleau, P., Biseul, I., Drapier, S., Le Jeune, F., Travers, D., Bourguignon, A., Haegelen, C., Millet, B., & Vérin, M. (2008). Emotion recognition impairment and apathy after subthalamic nucleus stimulation in

Parkinson's disease have separate neural substrates, *Neuropsychologia*, 46(11), 2796-2801. (2012 IF = 3.5; citations = 47) #**shared first authorship**

- 2 - Drapier, D., Drapier, S., Sauleau, P., Haegelen, C., Raoul, S., Biseul, I., **Péron, J.**, Lallement, F., Rivier, I., Reymann, J.-M., Vérin, M., & Millet, B. (2006). Does subthalamic nucleus stimulation induce apathy in Parkinson's disease? *Journal of Neurology*, 253(8), 1083-1091. (2012 IF = 3.6; citations = 120)

## **Editorials**

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- 1 - \***Péron, J.**, & Grandjean, D. (2014). What does human intracerebral recording tell us about emotions? [Editorial of special issue]. *Cortex*, 60, 1-2. (2012 IF = 6.1; citations = 1)

## Chapters

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- \*Collignon, A.#, Thomasson, M.#, Saj, A., Grandjean, D., Assal, F., **Péron, J.** (2018). Reconnaissance de la prosodie émotionnelle suite à un accident vasculaire du cervelet. In J. Péron (Ed.), *Cas cliniques en neuropsychologie des émotions*. Paris : Dunod.  
#These authors contributed equally to this work
- \***Péron, J.**, Christen, A., & Grandjean, D. (2013). Que peuvent apporter les enregistrements électrophysiologiques intracérébraux chez l'Homme dans la compréhension des processus émotionnels? In S. Delplanque & P. Hot (Eds.), *Electrophysiologie de la cognition* (pp. 77-98). Paris: Dunod.
- Belliard, S., **Péron, J.**, Lemoal, S., Golfier, V., Vanberten, M., & Vercelletto, M. (2005). Communication et troubles sémantiques dans les démences. In B.-F. Michel, F. Verdureau, & P. Combet (Eds.), *Monographies du Groupe de recherche sur la maladie d'Alzheimer, communication et démence* (pp. 161-177). Marseilles: Solal.

## Published abstracts

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- \***Péron, J.** (2016) The role of the subthalamic nucleus in emotional processing. *Clinical Neurophysiology*, 127 (3), e39
- \***Péron, J.**, Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, JF., (...) & Grandjean, D. (2014). Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: An intracranial ERP study in Parkinson's disease. *Movement Disorders*, 29, S284-S285
- \***Péron, J.**, Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, JF., (...) & Grandjean, D. (2014). Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: An intracranial ERP study in Parkinson's disease. *Clinical Neurophysiology*, 125, S132
- \***Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Drapier, D., Verin, M., & Grandjean, D. (2013). Influence of the relevant acoustic features on the recognition of emotional prosody following subthalamic nucleus deep brain stimulation in Parkinson's disease. *Behavioral Neurology*, 27, 297-461. (2012 IF = 1.3)
- \***Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Drapier, D., Verin, M., & Grandjean, D. (2013). Influence of the relevant acoustic features on the recognition of emotional prosody following subthalamic nucleus deep brain stimulation in Parkinson's disease. *Movement Disorders*, 28, S195-S196. (2012 IF = 4.5)
- Vicente, S., **Péron, J.**, Biseul, I., Ory, S., Philippot, P., Drapier, S., Drapier, D., & Vérin, M. (2011). Subjective emotional experience at different stages of Parkinson's disease. *Journal of the Neurological Sciences*, 310, 241-247. (2012 IF = 2.3)
- Rouaud, T., Dondaine, T., Drapier, S., Haegelen, C., Lallement, F., **Péron, J.**, Raoul, S., Sauleau, P., & Vérin, M. (2010). Pallidal stimulation in advanced Parkinson's patients with contraindications for subthalamic stimulation. *Neurology*, 74(suppl. 2), A357. (2012 IF = 8.3)

- Rouaud, T., Dondaine, T., Drapier, S., Haegelen, C., Lallement, F., **Péron, J.**, Raoul, S., Sauleau, P., & Vérin, M. (2010). Pallidal stimulation in advanced Parkinson's patients with contraindications for subthalamic stimulation, *Movement Disorders*, 25, S454. (2012 IF = 4.5)
- Millet, B., Le Jeune, F., Drapier, D., Bourguignon, A., **Péron, J.**, Mesbah, H., Drapier, S., Sauleau, P., Haegelen, C., Travers, D., Garin, E., Malbert, C.-H., & Vérin, M. (2010). Subthalamic nucleus stimulation in Parkinson's disease induces apathy: A PET study. *Biological Psychiatry*, 67, A522.(2012 IF = 9.5)
- \***Péron, J.**, Le Jeune, F., Haegelen, C., Drapier, D., Drapier, S., Sauleau, P., & Vérin, M. (2009). Conséquences affectives de la stimulation cérébrale profonde du noyau subthalamique dans la maladie de Parkinson [Affective consequences of subthalamic nucleus deep brain stimulation in Parkinson's disease]. *Revue Neurologique*, 165(suppl. 2), A133. (2012 IF = 0.5)
- Le Jeune, F., **Péron, J.**, Biseul, I., Fournier, S., Sauleau, P., Drapier, S., Haegelen, C., Drapier, D., Millet, B., Garin, E., Herry, J.-Y., Malbert, C.-H., & Vérin, M. (2008). Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: A PET study. *Movement Disorders*, 23 (suppl. 1), S123. (2012 IF = 4.5)
- Le Jeune, F., **Péron, J.**, Biseul, I., Fournier, S., Sauleau, P., Drapier, S., Haegelen, C., Drapier, D., Millet, B., Garin, E., Herry, J.-Y., Malbert, C.-H., & Vérin, M. (2008). Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: A PET study. *Neurology*, 70 (suppl. 1), A479. (2012 IF = 8.3)
- \***Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Sauleau, P., Haegelen, & Vérin, M. (2007). Recognition of negative emotions is impaired by subthalamic nucleus deep brain stimulation in Parkinson's disease. *Movement Disorders*, 22 (suppl. 16), S51. (2012 IF = 4.5)
- \***Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Thomas-Ollivier, V., Cohen, R., & Vérin, M. (2007). Social cognition and emotional recognition in early and late stages of Parkinson's disease. *Movement Disorders*, 22 (suppl. 16), S62. (2012 IF = 4.5)
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- Fournier, S., Biseul, I., **Péron, J.**, Philippot, P., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., & Vérin, M. (2007). Effect of subthalamic nucleus deep brain stimulation on emotional experience in Parkinson's disease patients. *Movement Disorders*, 22 (suppl. 16), S63. (2012 IF = 4.5)
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- Gillioz, A.-S., **Péron, J.**, Leray, E., Drapier, S., Sauleau, P., Drapier D., Stefani, C., & Vérin, M. (2006). Comparative motor, cognitive and quality of life long term follow up of subcutaneous infusion of apomorphine or subthalamic nucleus deep brain stimulation in patients with advanced Parkinson's disease. *Movement Disorders*, 21 (suppl. 15), S21. (2012 IF = 4.5)
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## ORAL COMMUNICATIONS AND POSTERS

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- Benis, D., Haegelen, C., Tamarit, L., Milesi, V., Houvenaghel, JF., Vérin, M. Sauleau, P., Grandjean, D., Péron, J. (2019) Differential influences of brain hemisphere and Parkinson's disease lateralization on the oscillatory correlates of emotional prosody decoding in the Subthalamic Nucleus. Alpine Brain Imaging Meeting (Champéry, Switzerland).
- Benis, D., Haegelen, C., Tamarit, L., Milesi, V., Houvenaghel, JF., Vérin, M. Sauleau, P., Grandjean, D., Péron, J.(2019) Differential influences of brain hemisphere and Parkinson's disease lateralization on the oscillatory correlates of emotional prosody decoding in the Subthalamic Nucleus. Annual Research Forum (Geneva, Switzerland).
- Thomasson, M., Saj, A., Benis, D., Grandjean, D., Assal, F., Péron, J. (2018) Cerebellar contribution to vocal emotion decoding: insights from stroke and neuroimaging, Oral communication, National Congress of Clinical Neuropsychology (CNNC 3), Amiens, France.
- Thomasson, M., Collignon, A., Saj, A., Grandjean, D., Assal, F., Péron, J. (2018) Reconnaissance de la prosodie émotionnelle suite à un accident vasculaire du cervelet: une étude de cas unique, Oral communication, Société de Neuropsychologie de Langue Française, Marseille.
- Thomasson, M., Saj, A., Benis, D., Grandjean, D., Assal, F., Péron, J. (2018) Cerebellar contribution to vocal emotion decoding: insights from stroke and neuroimaging, Oral communication, Annual Research Forum Swiss Center for Affective Sciences, Campus Biotech, Geneva.
- Benis, D., Haegelen, C., Tamarit, L., Milesi, V., Houvenaghel, JF., Vérin, M., Sauleau, P., Grandjean, D., **Péron, J.** (2017). Oscillatory correlates of emotional prosody decoding in the subthalamic nucleus of parkinsonian patients, *Alpine Brain Imaging Meeting*, Champéry, Switzerland, 8-12 janvier.
- Benis, D., Flores Alves dos Santos, J., Momjian, S., Ndiaye, K., Boex, C., Burkhard, P., Mallet, L., Grandjean, D., **Péron, J.** (2016). Effect of Deep Brain Stimulation of the STN of an OCD patient on emotional prosody decoding in a dichotic task. Poster, *22<sup>nd</sup> Annual Meeting of the Organization for Human Brain Mapping*, Genève, Suisse, 26-30 juin.
- **Péron, J.**, Frühholz, S., & Grandjean, D. (2015). Functional connectivity between subthalamic nucleus and orbito-frontal cortex during vocal emotion decoding. Communication orale, *Conference of the International Society for Research on Emotion*, Genève, Suisse, 8-10 juillet.
- Benis, D., **Péron, J.**, Grandjean, D. (2015). Distinct contributions of acoustic parameters in the recognition of emotional prosody. Poster, *Société des Neurosciences*, Montpellier, France, 19-22 mai
- Benis, D., **Péron, J.**, Grandjean, D. (2015). Distinct contributions of acoustic parameters in the recognition of emotional prosody. Poster, *Society for Neuroscience*, Chicago, 17-21 oct.
- Benis, D., Millet, B., Fossati, P., Cornu, P., Navarro, S., Arbus, C., Yroni, A., Chaynes, P., Reyman, JM., Naudet, F., Grandjean, D., **Péron, J.** (2015). Electrophysiological correlates of emotional prosody recognition in the nucleus

accumbens of major and resistant depressive patients. Poster, *NCCR Affective Sciences site visit*, Genève, Suisse, 2 juillet.

- Benis, D., Millet, B., Fossati, P., Cornu, P., Navarro, S., Arbus, C., Yroni, A., Chaynes, P., Reyman, JM., Naudet, F., Grandjean, D., **Péron, J.** (2015). Electrophysiological correlates of emotional prosody recognition in the nucleus accumbens of major and resistant depressive patients. Communication orale, *Opto-DBS 2015 meeting*, Genève, Suisse, 22-24 juin.
- **Péron, J.**, Haegelen, C., Sauleau, P., Tamarit, L., Milesi, V., Houvenaghel, JF., (...) & Grandjean, D. (2014). Electrophysiological activity of the subthalamic nucleus in response to emotional prosody: An intracranial ERP study in Parkinson's disease. Poster, *30<sup>th</sup> International Federation of Clinical Neurophysiology*, Berlin, Allemagne, 19-23 mars.
- **Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Drapier, D., Verin, M., Grandjean, D. (2013). Influence of the relevant acoustic features on the recognition of emotional prosody following subthalamic nucleus deep brain stimulation in Parkinson's disease. Poster, *Society for Neuroscience*, San Diego, 13 nov.
- **Péron, J.**, Cekic, S., Haegelen, C., Sauleau, P., Drapier, D., Verin, M., & Grandjean, D. (2013). Influence of the relevant acoustic features on the recognition of emotional prosody following subthalamic nucleus deep brain stimulation in Parkinson's disease. Poster, *4<sup>th</sup> Meeting of the European Societies of Neuropsychology*, Berlin, Allemagne, 12-14 septembre.
- **Péron, J.** & Grandjean D. (2013). Subthalamic nucleus: a key structure for emotional component synchronization in humans. Poster, *International Conference on Deep Brain Stimulation*, Düsseldorf, Allemagne, 15-16 avril.
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- **Péron, J.**, LeJeune, F., Lalys, F., Jannin, P., Grandjean D., Vérin., M. (2012). Effects of subthalamic deep brain stimulation in the recognition of emotional prosody: a PET study in Parkinson's disease. Poster, *Annual meeting of the Social and Affective Neuroscience Society*, New York, 20-21 avril.
- **Péron, J.**, el Tamer, S., Grandjean, D., Travers, D., Drapier, D., Vérin, M., Millet, B. (2010). Major depressive disorder skews the recognition of emotional prosody. Poster, *Auditory Cognitive Neuroscience Symposium, Brain, Music, and Sound research laboratory (BRAMS) annual scientific day*, Montréal, Canada, 16 avril.
- **Péron, J.**, el Tamer, S., Grandjean, D., Travers, D., Drapier, D., Vérin, M., Millet, B. (2010). Major depressive disorder skews the recognition of emotional prosody. Poster, *Cognitive Neuroscience Society*, Montréal, Canada, 17-20 avril.
- Grandjean, D., **Péron, J.**, Milési, V., Tamarit, L. Modulations of human extrastriate visual neuronal activity by emotional voices: human intracranial recordings. Poster, *Cognitive Neuroscience Society*, Montréal, Canada, 17-20 avril.
- **Péron, J.**, Grandjean, D., Le Jeune, F., Sauleau, P., Haegelen, C., Drapier, D., Rouaud, T., Drapier, S., Vérin, M. (2009). Recognition of Emotional Prosody is



Disrupted After Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease. Poster, *Société des Neurosciences*, Bordeaux, 29-29 mai.

- **Péron, J.**, Grandjean, D., Le Jeune, F., Sauleau, P., Haegelen, C., Drapier, D., Rouaud, T., Drapier, S., & Vérin, M. (2008). Recognition of emotional prosody is disrupted after subthalamic nucleus deep brain stimulation in Parkinson's disease. Poster, *Society for Neuroscience*, Chicago, 17-21 octobre.
- **Péron, J.**, Le Jeune, F., Sauleau, P., Haegelen, C., Drapier, D., Rouaud, T., Drapier, S., & Vérin, M. (2008). La reconnaissance des émotions est altérée après la stimulation cérébrale profonde du noyau sous thalamique. *Journées de Printemps de la Société de Neuropsychologie de Langue Française (S.N.L.F)*, Amiens, France, 23-24 mai.
- Le Jeune, F., **Péron, J.**, Biseul, I., Fournier, S., Sauleau P., Drapier, S., Haegelen, C., Drapier, D., Millet, B., Garin, E., Herry, J-Y., Malbert, C-H., Vérin, M. (2008). Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: a PET study. Poster, *60<sup>th</sup> American Academy of Neurology Annual Meeting*, Chicago, USA, 12-19 avril.
- Le Jeune, F., **Péron, J.**, Biseul, I., Fournier, S., Sauleau P., Drapier, S., Haegelen, C., Drapier, D., Millet, B., Garin, E., Herry, J-Y., Malbert, C-H., Vérin, M. (2008). Subthalamic nucleus stimulation affects orbitofrontal cortex in facial emotion recognition: a PET study. Poster, *22<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders*, Chicago, USA, 22-26 juin.
- **Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., Vérin, M. (2007). Recognition of negative emotions is impaired by subthalamic stimulation in Parkinson's disease. Poster présenté au *11<sup>th</sup> International Congress of Parkinson's disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
- **Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Thomas-Ollivier, V., Cohen, R., Vérin, M. (2007). Social cognition and emotional recognition in early and late stages of Parkinson's disease. Poster, *11<sup>th</sup> International Congress of Parkinson's disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
- Drapier, D. **Péron, J.**, Sauleau, P., Drapier, S., Travers, D., Bourguignon, A., Millet, B Vérin, M. (2007). Apathetic patients after deep brain stimulation of the subthalamic nucleus in Parkinson's disease have associated fear recognition impairment. Poster, *11<sup>th</sup> International Congress of Parkinson's disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
- **Péron, J.**, Piolino, P., Lemoal, S., Biseul, I., Leray, E., Eustache, F., Belliard, S. (2007). Rôle de l'expérience personnelle directe dans la préservation des connaissances sémantiques spécifiques aux personnes dans la démence sémantique et la maladie d'Alzheimer. Communication orale, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.
- **Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., Vérin, M. (2007). La reconnaissance des émotions négatives est altérée après la stimulation cérébrale profonde du noyau sous-thalamique. Communication orale, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.

- Drapier, D., **Péron, J.**, Sauleau, P., Drapier, S., Travers, D., Bourguignon, A., Millet, B., Vérin, M. (2007). L'apathie est associée à un trouble de la reconnaissance de la peur après stimulation cérébrale profonde du noyau subthalamique chez les patients atteints de maladie de Parkinson. Poster, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.
- **Péron, J.**, Biseul, I., Fournier, S., Drapier, S., Drapier, D., Thomas-Ollivier, V., Cohen, R., Vérin, M. (2007). Cognition sociale et reconnaissance des expressions faciales émotionnelles à différents stades d'évolution de la maladie de Parkinson. Poster, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.
- Fournier, S., **Péron, J.**, Biseul, I., Philippot, P., Drapier, S., Drapier, D., Vérin, M. (2007). Évaluation subjective de l'expérience émotionnelle à différents stades d'évolution de la maladie de Parkinson. Poster, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.
- Fournier, S., Biseul, I., **Péron, J.**, Philippot, P., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., Vérin, M. (2007). Impact de la stimulation chronique à haute fréquence du noyau sous thalamique sur l'expérience émotionnelle chez les patients atteints de la maladie de Parkinson. Poster, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Tours, France, 25-26 mai.
- Drapier, D., **Péron, J.**, Sauleau, P., Drapier, S., Travers, D., Bourguignon, A., Millet, B., Vérin, M. (2007). Apathetic patients after deep brain stimulation in Parkinson's disease have an associated fear recognition impairment. Poster, *59<sup>th</sup> International congress of the American Academy of Neurology*, Boston, USA, 28 avril-5 mai.
- Fournier, S., **Péron, J.**, Biseul, I., Philippot, P., Drapier, S., Drapier, D., Vérin, M. (2007). Emotional experience in early and late stages of Parkinson's disease. Poster, *11<sup>th</sup> International Congress of Parkinson's disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
- Rouaud, T., Drapier, S., **Péron, J.**, Leray, E., Sauleau, P., Rolland, Y., Vérin, M. (2007). Radiological and clinical predictive factors of long-term outcome of bilateral subthalamic stimulation in advanced Parkinson's disease. Poster, *XI<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
- Blanchard, S., Drillet, G., Sauleau, P., Drapier, S., Gillioz, AS., Rouaud, T., **Péron, J.**, Vérin, M (2007). Prospective comparison of weight gain and energy intake after subthalamic pallidal and thalamic deep brain stimulation in Parkinson's disease. Communication orale, *XI<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders*, Istanbul, Turquie, 3-7 juin.
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- Gillioz, AS., **Péron, J.**, Leray, E., Drapier, S., Sauleau, P., Drapier, D., Stefanni, C., & Vérin, M. (2007) Comparative cognitive quality of life and motor long term follow up of subcutaneous continuous infusion of apomorphine or subthalamic nucleus deep brain

stimulation in patients with advanced Parkinson's disease. Poster, *59<sup>th</sup> International congress of the American Academy of Neurology*, Boston, USA, 28 avril-5 mai.

- Drapier, S., Rouaud, T., **Péron, J.**, Leray, E., Rolland, Y., Vérin, M. (2007). Pedunculopontine Nucleus Lesions in Preoperative MRI Are Predictive for Worsening of Axial Symptoms after STN-DBS in Parkinson's Disease. Poster, *59<sup>th</sup> International congress of the American Academy of Neurology*, Boston, USA, 28 avril-5 mai.
- Vérin, M., Drapier, D., Sauleau, P., Drapier, S., Biseul, I., **Péron, J.**, Raoul, S., Millet, B. (2006). Emotions, motivations et stimulation sous-thalamique : où en sommes-nous en 2006 ? Communication orale, *Journée annuelle extraordinaire de la Société Française de Neurologie*, Paris, France, 19 janvier.
- Gillioz, A.S., **Péron, J.**, Leray, E., Drapier, S., Sauleau, P., Stefani, C., Vérin, M. (2005). Comparative cognitive quality of life and motor long term follow up of subcutaneous continuous infusion of apomorphine or subthalamic nucleus deep brain stimulation in patients with advanced Parkinson's disease. Poster, *21<sup>th</sup> International Congress of Parkinson's Disease and Movement Disorders*, Kyoto, Japon, 28 oct-2 nov.
- Belliard, S., Vercelletto M., Lemoal, S., **Péron, J.**, Lebaill, B., & Poncet, M. (2005). Bases neuro-anatomiques du système sémantique spécifique aux personnes. Etude chez 25 patients déments sémantiques. Communication orale, *Journées de Printemps de la Société de Neuropsychologie de Langue Française*, Grenoble, France, 20-21 mai.
- Stéfani, CV., Drapier, S., Péron, J., Sauleau, P., Biseul, I., Vérin, M. (2005). Continuous subcutaneous apomorphine infusion: an effective and cognitive well tolerated solution for untreatable motor fluctuations in patients with Parkinson's disease. Poster, *9<sup>th</sup> International Congress of Parkinson's disease and Movement Disorders*, New Orleans, USA, mars.
- Stefani, C., Drapier, S., **Péron, J.**, Sauleau, P., Biseul, I., Vérin, M. (2005). Continuous subcutaneous apomorphine infusion: an effective and cognitive well-tolerated solution for untreatable motor fluctuations in patients with Parkinson's disease. Poster, *American Academy of Neurology*, Miami, avril.

## Editing and reviewing

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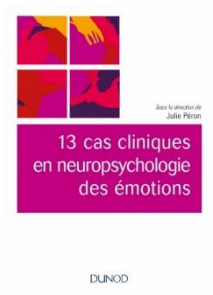
### Editor

#### Since 2020

Member of the editorial board of the *Revue de Neuropsychologie*  
<https://www.jle.com/fr/revues/nrp/revue.phtml>

#### 2018

**Péron, J.** (Ed.). [Clinical Cases in Neuropsychology of Emotion]. Paris: Dunod.



#### 2014

Guest Editor of a special issue published in *Cortex* entitled "What does human intracerebral recording tell us about emotions?"



### Journal reviewer (selection)

Publons profile at : <https://publons.com/author/1512009/julie-peron#profile>

Brain - Brain and Cognition - Brain Topography - Clinical Physiology and Functional Imaging - Computer in Biology and Medicine - Emotion Review European Journal of Neurology - Frontiers in Human Neuroscience - Movement Disorders - Neuropsychologia - Neuropsychology - Parkinsonism and Related Disorders - Social and Affective Neuroscience - Social Neuroscience

## **Grant reviewer**

- France Parkinson non-profit organization
- Neurological Foundation of New Zealand
- French National Agency for Research
- Auckland Medical Research Foundation Project Grant (New Zealand)
- Translational and Clinical Research Committee of the University Hospital of Rennes (France)
- Belgian National Agency for Research
- Alzheimer France
- Parkinson's UK
- Aquitaine Region Council (France)

## **Abstract Conference reviewer**

- InterSpeech
- International Society for Research on Emotion (ISRE)

## Education and communication for the lay community

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- 2019**      **Lay audience conference** - Women's Added Value in the Economy 10<sup>th</sup> annual conference: "*Impactful leadership: developing emotional intelligence for success*", Graduate Institute, Geneva
- 2018**      **Newspaper interview** entitled "*Décoder l'activité cérébrale, futur remède contre la dépression ?*" [Decode brain activity, future cure for depression?], published by *Libération*, September 18<sup>th</sup>, 2018.  
[https://www.liberation.fr/sciences/2018/09/19/decoder-l-activite-cerebrale-futur-remede-contre-la-depression\\_1679798](https://www.liberation.fr/sciences/2018/09/19/decoder-l-activite-cerebrale-futur-remede-contre-la-depression_1679798)
- 2015**      **Organization of an interactive workshop** for open days of the Faculty of Psychology and Educational Sciences (University of Geneva)
- 2014**      **Newspaper article** entitled "L'Académie des Sciences en Bretagne", published by Magazine ArMen, La Bretagne Eclairée, N°201, p. 68
- 2014**      **Communication article** entitled "En bref ... Sciences Affectives. Numéro Spécial du journal Cortex édité par Julie Péron & Didier Grandjean" published by the *Journal de l'Unige* (University of Geneva)
- 2012**      **Newspaper interview** entitled "*Vous cherchez? Les bases cérébrales des émotions*" [Looking for the cerebral bases of the emotions], published by *La Tribune de Genève*, March 3<sup>rd</sup>, 2012. <http://journal.tdg.ch/bases-cerebrales-emotions-2012-02-27>
- 2012**      **Television programme**. Info TSR - TSR Découverte entitled "*Pourquoi rit-on?*" [Why do we laugh?] aired on Télévision Suisse Romande, February 20<sup>th</sup>, 2012. <http://www.rts.ch/video/info/journal-12h45/3797714-tsr-decouverte-pourquoi-rit-on.html>
- 2011**      **Television programme**. Special edition of 36.9° entitled "*Parkinson: Lenteurs et tremblements*" [Parkinson's: Slowness and shaking], aired on Télévision Suisse Romande (TSR1), March 30<sup>th</sup>, 2011. <http://www.tsr.ch/emissions/36-9/3049550-parkinson-lenteurs-et-tremblements.html>
- 2010**      **Press release** entitled "*Parkinson's disease makes it harder to figure out how other people feel*" published by the **American Psychological Association (APA)**, March 3<sup>rd</sup>, 2010.
- 2010**      **Newspaper article** entitled "*Parkinson's disease makes it harder to figure out how other people feel*" published by **The New York Times**, March 3<sup>rd</sup>, 2010.
- 2010**      **Newspaper article** entitled "*Parkinson's patients unable to recognize emotions*" published by **The Times of India**, March 4<sup>th</sup>, 2010.
- 2010**      **Online articles** regarding the paper "Péron, J., Biseul, I., Leray, E., Vicente, S., Le Jeune, F., Drapier, S., Drapier, D., Sauleau, P., Haegelen, C., & Vérin, M. (2010). Subthalamic nucleus stimulation affects fear and sadness recognition in

Parkinson's disease. *Neuropsychology*, 24(1), 1-8", published by **Science Daily.com**; **Medical News Today.com**; **Elements4health.com**; **Lab Spaces.net**; **E-Psychology.us**; **Expert-reviews.com**; **NewsRx.com**; **The Mental Health Social Worker.org**

- 2010** **Communication article** entitled "*Understanding the link between the brain and electrodes in the perception of emotions - Le cerveau, l'électrode et la perception des émotions*", published by **ECHO**, the AXA research fund magazine, November 10<sup>th</sup>, 2010, p. 14-17.
- 2010** **Newspaper article** entitled "*Le cerveau écoute les émotions négatives*" [Our brain listens to negative emotions], published by **Science & Vie**, May 2010, page 17.
- 2010** **Communication article** entitled "*Un cerveau à l'écoute des émotions - Une équipe franco-genevoise lève une barrière dans le domaine de la stimulation cérébrale profonde des patients atteints de la maladie de Parkinson*" [A brain that listens to emotions – A Franco-Genevan team removes a barrier in the deep brain stimulation of patients with Parkinson's disease], published by the **Journal de l'Unige** (University of Geneva), March 2010, no. 31, page 14.
- 2010** **Lay audience lecture.** Invited lecture at the **Night of Science** (July 10-11, 2010), Geneva, Switzerland. Lecture entitled "*Le cerveau stimulé. Que peut nous apprendre la stimulation cérébrale profonde sur les émotions humaines?*" [The stimulated brain. What can deep brain stimulation tell us about human emotions?].
- 2003** **DVD.** Participation in the development of a DVD, in partnership with **Lundbeck**, on a neuropsychological tool for assessing patients in the advanced stages of Alzheimer's disease and associated disorders (Severe Impairment Battery, SIB) aimed at geriatricians and neurologists (2003).