



Ignacio Obeso Martin

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

After completing a Psychology degree (clinical neuropsychology) at the University of Deusto, Dr. Obeso began a PhD scholarship under the supervision of Prof. Jahanshahi at University College London (UCL, London, UK). He carried out a series of experiments to study the role of the subthalamic nucleus in cognitive control (in selection of actions, inhibition and conflict resolution) by evaluating patients with Parkinson's disease under different medical treatments. In addition, he used transcranial magnetic stimulation (TMS), in collaboration with Prof. Rothwell's team, to evaluate cortical functions in cognitive control. The approach carried out in his thesis is highly novel due to the causal integration in cognitive control of both subcortical and cortical areas.

Thanks to a stay in the laboratory of Prof. Strafella in Toronto (Canada), he learned the analysis of neuroimaging techniques combined with TMS to investigate cortico-subcortical communication during behavior in healthy subjects. Then he performed a post-doc in Dr. Dreher's laboratory, in which he implemented the use of TMS and fMRI using decision-making paradigms (delay discounting, reward processing, or during social type decisions) in Parkinson disease and controls (Lyon, France). Overall, some neuroimaging results (published in journals such as Human Brain Mapping, Brain Stimulation or Brain Topography) show data of clinical relevance, given that precise paradigms have detected cortical areas that play essential roles in decision-making in human behaviour. Recently, Dr. Obeso is focused on non-motor effects and impulsivity in Parkinson's disease.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

1373 total citations, H index: 17; ResearchGate: 32.17

**Ignacio Obeso Martin**

Surname(s): Obeso Martin
Name: Ignacio
DNI: 72807466T
ORCID: 0000-0001-8783-7281
Date of birth: 16/11/1983
Gender: Male
Nationality: Spain
Country of birth: Spain
Aut. region/reg. of birth: Foral Community of Navarre
Contact province: Madrid
City of birth: Pamplona
Contact address: Calle Hernani 6, 4 Izq
Postcode: 28020
Contact country: Spain
Contact aut. region/reg.: Community of Madrid
Contact city: Madrid
Email: i.obesomartin@gmail.com
Mobile phone: (+34) 628251017
Personal web page: <https://iobesomartin.wixsite.com/cognitivecontrol>

Current professional situation

Employing entity: Universitat Oberta de Catalunya **Type of entity:** University

Department: Psicologia Fisiologica, Psicologia

Professional category: Profesor ayudante

Start date: 01/09/2019

Type of contract: Temporary

Dedication regime: Part time

Employing entity: Fundación de Investigación HM Hospitales **Type of entity:** Healthcare Institutions

Department: HM Hospitales - HM CINAC

Professional category: Contrato Miguel Servet

Start date: 01/02/2019

Type of contract: Permanent employment contract

Dedication regime: Full time

Primary (UNESCO code): 320105 - Clinical psychology; 610601 - Brain function; 610603 - Emotion

Secondary (UNESCO code): 241111 - Neurophysiology; 249000 - Neurosciences; 610602 - Comparativa psychology

Tertiary (UNESCO code): 630202 - Social psychology

Performed tasks: 1. Neuropsychology. Assessment of cognitive, emotional and social functions from a behaviorist perspective. I use guided interviews designed to detect changes in the daily life of patients with neurodegenerative diseases and neuropsychological assessment tests (WAIS, WMS, Wisconsin, MDS, etc). I'm focused on assessing and predicting the future and development of patients with Parkinson's disease in early stages of the disease, some of which develop mild cognitive impairment. The interest lies in detecting cognitive changes prior to motor disorders in order to focus the various treatments in advance. I am interested in using therapeutical cortical stimulation

techniques (transcranial magnetic stimulation, TMS) to ameliorate cognitive deficits associated with neurodegenerative diseases by inducing changes in brain plasticity. 2. Research. The above is linked to research purposes by defining research protocols that guarantee and establish a scientific value of proposed therapies. Also, to discover basic knowledge of cognitive deficits associated in neurological disorders by using neuroimaging techniques is a key aspect of my future career.

Identify key words: Neuropsychology

Employing entity: Universidad de Murcia **Type of entity:** University
Department: Master en Trastornos del Movimiento, Medicina
Professional category: Profesor **Educational Management (Yes/No):** Yes
Start date: 01/02/2012
Type of contract: Temporary employment contract
Primary (UNESCO code): 610600 - Experimental psychology
Field of management activity: University

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad Rey Juan Carlos	Profesor Asociado	01/10/2017
2	Fundación de Investigación HM Hospitales	Contrato Sara Borrell	01/10/2016
3	Centre National de la Recherche Scientifique (CNRS)	post-doctoral	01/10/2012
4	University of Toronto	pre-doctoral	02/01/2011

1 **Employing entity:** Universidad Rey Juan Carlos **Type of entity:** University
City employing entity: Madrid, Community of Madrid, Spain
Professional category: Profesor Asociado **Educational Management (Yes/No):** Yes
Start-End date: 01/10/2017 - 30/09/2019 **Duration:** 2 years
Type of contract: Temporary
Dedication regime: Full time
Field of management activity: Public Research Body

2 **Employing entity:** Fundación de Investigación HM Hospitales
Department: Instituto de Salud Carlos III
City employing entity: Madrid, Community of Madrid, Spain
Professional category: Contrato Sara Borrell **Educational Management (Yes/No):** Yes
Start-End date: 01/10/2016 - 31/12/2018 **Duration:** 3 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time
Field of management activity: investigacion

3 **Employing entity:** Centre National de la Recherche Scientifique (CNRS)
Department: Universite Lyon 1
City employing entity: Lyon, Rhône-Alpes, France
Professional category: post-doctoral **Educational Management (Yes/No):** Yes
Phone: (+33) (0)4 37 91 12 38
Start-End date: 01/10/2012 - 30/09/2014 **Duration:** 2 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)



Dedication regime: Full time

Performed tasks: principal Responsible of postdoctoral research projects in cognitive neuroscience. The studies were behavioral, using neuroimaging techniques (fMRI) and transcranial magnetic stimulation (TMS) in patients and healthy participants. The duties were to design, development of experimental sessions, data presentation at international conferences, writing articles, scholarships and monitoring of doctoral students.

Field of management activity: investigación

Applicability in teaching and/or research: Monitoring of doctoral students: Supervision of statistical analysis and experimental implementation, writing articles.

- 4** **Employing entity:** University of Toronto **Type of entity:** Public Research Body
Department: Centre for Addiction and Mental Health (CAMH)
City employing entity: Toronto, Canada
Professional category: pre-doctoral **Educational Management (Yes/No):** No
Start-End date: 02/01/2011 - 21/05/2012 **Duration:** 1 year - 5 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Performed tasks: Responsible for research projects in cognitive neuroscience field. Use of transcranial magnetic stimulation (TMS) combined with imaging techniques (PET). Design, development, experimental sessions, data presentation at international conferences, writing articles, scholarships
Field of management activity: investigación



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Higher degree

Name of qualification: Psychology degree (clinical option)

Degree awarding entity: Universidad de Deusto **Type of entity:** University

Date of qualification: 29/09/2006

Doctorates

Doctorate programme: Ph.D. in cognitive neuroscience

Degree awarding entity: University College of London (UCL) **Type of entity:** University

Date of degree: 28/06/2012

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian		B1	B1	B1	B1
French		C1	C1	C1	B1
English		C1	C1	C1	C1

Teaching experience

General teaching experience

- Name of the course:** Psicología del pensamiento
University degree: Grado en Psicología
Start date: 01/10/2017 **End date:** 01/07/2019
Entity: Universidad Rey Juan Carlos **Type of entity:** University
- Name of the course:** Fundamentos de PsicoBiología
University degree: Grado en Psicología
Start date: 01/10/2017 **End date:** 01/07/2018
End date: 01/07/2018
Entity: Universidad Rey Juan Carlos **Type of entity:** University



- 3** **Name of the course:** Psicología Fisiologica
University degree: Grado en Psicología
Start date: 01/10/2017 **End date:** 01/07/2018
End date: 01/07/2018
Entity: Universidad Rey Juan Carlos **Type of entity:** University
- 4** **Name of the course:** Psicología de la atención
University degree: Grado en Psicología
Start date: 01/10/2017 **End date:** 01/07/2018
End date: 01/07/2018
Entity: Universidad Rey Juan Carlos **Type of entity:** University
- 5** **Name of the course:** Neuropsicología en pacientes con neurodegeneración
University degree: Medicina
Start date: 01/10/2015 **End date:** 2017
Entity: Universidad San Pablo CEU **Type of entity:** University
- 6** **Name of the course:** Técnicas de estudio en neurociencia cognitiva
University degree: Master Neurociencia Cognitiva y Neuropsicología
Start date: 01/10/2017
End date: 01/07/2018
Entity: Universidad Rey Juan Carlos **Type of entity:** University
- 7** **Name of the course:** Papel de los ganglios basales en el control del movimiento y de la conducta: Importancia de la Inhibición
University degree: Master en trastornos del movimiento
Start date: 01/04/2011
End date: 03/04/2014
Entity: Universidad de Murcia **Type of entity:** University
Faculty, institute or centre: Facultad de Medicina

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** The behavioural and neural mechanisms behind motor and cognitive impulsivity.
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Student: David Mata Marín
Date of reading: 2022
- 2** **Project title:** the role of motor, cognitive and emotional habits in Parkinson disease.
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Student: Pasqualina Guida
Date of reading: 2022
- 3** **Project title:** Papel del globo pálido interno en comportamiento inhibitorio y emociones.
Entity: Universidad de la Habana (Cuba) **Type of entity:** University
Student: Enrique Casabona
Date of reading: 2021



- 4** **Project title:** brain stimulation in behaviour and cognition.
Entity: Universidad Complutense de Madrid **Type of entity:** University
Student: Guillermo Mejías
Date of reading: 01/07/2019
- 5** **Project title:** Efectos de la estimulación magnética estática transcraneal sobre la corteza motora suplementaria en respuesta inhibitoria
Type of project: End of course project
Entity: Universidad Rey Juan Carlos **Type of entity:** University
Student: Raquel Fernández Sánchez
Date of reading: 01/09/2018
- 6** **Project title:** La Estimulación Magnética Transcraneal Estática como tratamiento para el Síndrome de Tourette: estudio de dos casos.
Type of project: Minor thesis
Entity: Universidad Rey Juan Carlos **Type of entity:** University
Student: Maria Pérez Vivas
Date of reading: 01/09/2018
- 7** **Project title:** La causalidad del SMA en Inhibición habitual: un estudio en sujetos sanos y neuromodulación
Type of project: Minor thesis
Entity: Universidad San Pablo CEU **Type of entity:** University
Student: Mercedes Diaz
Date of reading: 24/06/2017
- 8** **Project title:** The role of testosterone in social reputation (Supervisión estudiante doctorado)
Entity: Universite Lyon 1 **Type of entity:** University
Student: Yansong Li
Date of reading: 01/10/2012
- 9** **Project title:** The effects of dopaminergic medication on dynamic decision making in Parkinson's disease (supervisión estudiante máster)
Type of project: Minor thesis
Entity: University college of London (UCL) **Type of entity:** University
Student: Agatha Rytarska
Date of reading: 01/04/2009
- 10** **Project title:** The effects of dopaminergic medication on dynamic decision making in Parkinson's disease (supervisión estudiante máster)
Type of project: Minor thesis
Entity: University college of London (UCL) **Type of entity:** University
Student: Khailia Karimi
Date of reading: 01/04/2009
- 11** **Project title:** The effects of dopaminergic medication on dynamic decision making in Parkinson's disease (supervisión estudiante máster)
Type of project: Minor thesis
Entity: University college of London (UCL) **Type of entity:** University
Student: Li Tu
Date of reading: 01/04/2009



Educational or pedagogical publications, books, articles, etc.

- 1** Ignacio Obeso; Marjan Jahanshahi. Master en Trastornos del movimiento. Papel de los ganglios basales en el control del movimiento y de la conducta: Importancia de la Inhibición. Viguera,
Name of the materials: capitulo de master
Date of drafting: 01/02/2011
Format: Chapters of books
- 2** Manuela Costa; Ignacio Obeso martin. Las Neuronas espejo y la Empatía. National Geographic. RBA,
Name of the materials: Colección Retos de la Ciencia
Format: Book
Corresponding author: Yes

Healthcare experience

Healthcare experience in international intergovernmental organizations

Relevant results: Evaluation and assessment of cognitive status after subthalamotomy surgery in Parkinson's disease patients

Identify key words: Neuropsychology

Entity: Centro Internacional de Restauración Neurológica (CIREN)

Department: Ministerio de Salud Pública (MINSAP)

City of entity: La Habana, Cuba

Start-End date: 10/09/2008 - 20/12/2008

Type of entity: Healthcare Institutions

Duration: 3 months

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Reducción vs. incremento del uso de conductas habituales: Revelando el origen de la lentitud motora e impulsividad en la enfermedad de Parkinson
Entity where project took place: CINAC
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI...): Ignacio Obeso Martin; David Mata Marín; Ursula Martinez; Alvaro Sanchez Ferro; Pasqualina Guida
Nº of researchers: 4
Start-End date: 01/01/2020 - 31/12/2023
Total amount: 148.000 €



- 2** **Name of the project:** Unraveling the mechanisms behind automatic and emotional control: psychophysiological, cortical excitability and functional connectivity measures
Entity where project took place: CINAC
City of entity: Madrid, Spain
Name principal investigator (PI, Co-PI....): David Mata Marín; Ursula Martinez; Claudia Ammann; Jose Pineda Pardo; Ignacio Obeso
Nº of researchers: 5
Start-End date: 01/01/2019 - 31/12/2021
Total amount: 47.000 €
- 3** **Name of the project:** Behavioural traces of Impulsivity in ICD
Entity where project took place: CINAC
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Ignacio Obeso Martin; David Matas Marin
Nº of researchers: 2
Funding entity or bodies: Comunidad de Madrid **Type of entity:** education
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 01/03/2018 - 28/02/2019
Total amount: 26.500 €
- 4** **Name of the project:** pre-doctoral grant
Entity where project took place: CINAC
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Ignacio Obeso Martin; David Mata Marín
Nº of researchers: 2
Funding entity or bodies: Comunidad de Madrid **Type of entity:** Public Research Body
City funding entity: Madrid
Start-End date: 01/02/2018 - 31/01/2019
Total amount: 26.000 €
- 5** **Name of the project:** Estimulación transcraneal por campo magnético estático en la enfermedad de Parkinson- MINECO
Entity where project took place: CINAC
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Ignacio Obeso Martin; Guglielmo Foffani; Michele Dileone; Rafael Rodriguez Rojas; Frida Hernandez Fernandez
Nº of researchers: 5
Funding entity or bodies: MINECO
Start-End date: 01/05/2018 - 01/2019
Total amount: 181.500 €
- 6** **Name of the project:** The Role of the Basal Ganglia in Cognition and Higher Motor Control as revealed by Stereotactic surgery.
Entity where project took place: Centro **Type of entity:** Healthcare Institutions
Internacional de Restauración Neurológica (CIREN)
City of entity: La Habana, Cuba



Name principal investigator (PI, Co-PI....): Ignacio Obeso; Enrique Casabona; Lazaro Alvarez; John Rothwell; Marjan Jahanshahi

Nº of researchers: 5

Funding entity or bodies:

The Royal Society

Type of entity: Foundation

City funding entity: London, United Kingdom

Start-End date: 01/05/2007 - 30/04/2009

Total amount: 338,9 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1 Jose Pineda Partdo; Ignacio Obeso Martin; Pasqualina Guida; Michele Dileone; Bryan Strange; Jose Angel Obeso; Antonio Oliviero; Guglielmo Foffani. Static magnetic field stimulation of the supplementary motor area modulates resting-state activity and motor behavior. Nature Communication Biology. 2, pp. 397. Nature, 31/10/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 2 Carmen Gasca Salas; Pasqualina Guida; Ignacio Obeso. Cognitive safety after unilateral magnetic resonance-guided focused ultrasound thalamotomy for essential tremor. J Neurol Neurosurg Psychiatry. 08/03/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 3 Ignacio Obeso; Romuald Girard; Jean Claude Dreher. Wait and you shall see: sexual delay discounting in hypersexual Parkinson's disease. Brain. 01/01/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 4 A causal role for right temporo-parietal junction in signaling moral conflict. eLife. 18/12/2018.
Type of production: Scientific paper
- 5 Alessandra Pereira; Ignacio Obeso. Differences in Cortical Structure and Functional MRI Connectivity in High Functioning Autism. Frontiers Neurology. 01/07/2018.
Type of production: Scientific paper
Corresponding author: No
- 6 Alvaro Sanchez Ferro; Michele Matarazzo; Ignacio Obeso. Minimal Clinically Important Difference for UPDRS-III in Daily Practice. Movement Disorders. Wylie, 18/06/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No



- 7** Raul Martínez Fernández; Rafael Rodríguez Rojas; Marta Del Álamo; Frida Hernández Fernández; Jose A Pineda Pardo; Michele Dileone; Fernando Alonso Frech; Guglielmo Foffani; Ignacio Obeso; Carmen Gasca Salas; Esther de Luis Pastor; Lydia Vela; José A Obeso. Focused ultrasound subthalamotomy in patients with asymmetric Parkinson's disease: a pilot study. *The Lancet. Neurology*. 17 - 1, pp. 54 - 63. 01/2018. ISSN 1474-4465
DOI: 10.1016/S1474-4422(17)30403-9
PMID: 29203153
Type of production: Scientific paper
Corresponding author: No
- 8** Ignacio Obeso; Enrique Casabona; Rafael Rodríguez Rojas; Maria Luisa Bringas; Raúl Macías; Nancy Pavón; Jose A Obeso; Marjan Jahanshahi. Unilateral subthalamotomy in Parkinson's disease: Cognitive, psychiatric and neuroimaging changes. *Cortex; a journal devoted to the study of the nervous system and behavior*. 94, pp. 39 - 48. (Italy): 09/2017. ISSN 1973-8102
DOI: 10.1016/j.cortex.2017.06.006
PMID: 28711816
Type of production: Scientific paper
Corresponding author: Yes
- 9** Ignacio Obeso; Leonora Wilkinson; James T Teo; Penelope Talelli; John C Rothwell; Marjan Jahanshahi. Theta burst magnetic stimulation over the pre-supplementary motor area improves motor inhibition. *Brain stimulation*. 10 - 5, pp. 944 - 951. 2017. ISSN 1876-4754
DOI: 10.1016/j.brs.2017.05.008
PMID: 28624346
Type of production: Scientific paper
- 10** Romain Ligneul; Ignacio Obeso; Christian C Ruff; Jean-Claude Dreher. Dynamical Representation of Dominance Relationships in the Human Rostromedial Prefrontal Cortex. *Current biology : CB*. 26 - 23, pp. 3107 - 3115. 05/12/2016. ISSN 1879-0445
DOI: 10.1016/j.cub.2016.09.015
PMID: 28094034
Type of production: Scientific paper
Corresponding author: No
- 11** S Kohl; K Aggeli; I Obeso; M Speekenbrink; P Limousin; J Kuhn; M Jahanshahi. In Parkinson's disease pallidal deep brain stimulation speeds up response initiation but has no effect on reactive inhibition. *Journal of neurology*. 262 - 7, pp. 1741 - 1750. (Germany): 07/2015. ISSN 1432-1459
DOI: 10.1007/s00415-015-7768-6
PMID: 25963101
Type of production: Scientific paper
Corresponding author: No
- 12** Elia Abi Jaoude; Barbara Segura; Ignacio Obeso; Sang Soo Cho; Sylvain Houle; Anthony E Lang; Pablo Rusjan; Paul Sandor; Antonio P Strafella. Similar striatal D2/D3 dopamine receptor availability in adults with Tourette syndrome compared with healthy controls: A [(11) C]-(+)-PHNO and [(11) C]raclopride positron emission tomography imaging study. *Human brain mapping*. 36 - 7, pp. 2592 - 2601. 07/2015. ISSN 1097-0193
DOI: 10.1002/hbm.22793
PMID: 25788222
Type of production: Scientific paper
Corresponding author: No



- 13** Sang Soo Cho; Yuko Koshimori; Kelly Aminian; Ignacio Obeso; Pablo Rusjan; Anthony E Lang; Zafiris J Daskalakis; Sylvain Houle; Antonio P Strafella. Investing in the future: stimulation of the medial prefrontal cortex reduces discounting of delayed rewards. *Neuropsychopharmacology* : official publication of the American College of Neuropsychopharmacology. 40 - 3, pp. 546 - 553. 02/2015. ISSN 1740-634X
DOI: 10.1038/npp.2014.211
PMID: 25168685
Type of production: Scientific paper
Corresponding author: No
- 14** Ignacio Obeso; Leonora Wilkinson; Enrique Casabona; Maarten Speekenbrink; María Luisa Bringas; Mario Álvarez; Lázaro Álvarez; Nancy Pavón; María C Rodríguez Oroz; Raúl Macías; Jose A Obeso; Marjan Jahanshahi. The subthalamic nucleus and inhibitory control: impact of subthalamotomy in Parkinson's disease. *Brain* : a journal of neurology. 137 - Pt 5, pp. 1470 - 1480. 05/2014. ISSN 1460-2156
DOI: 10.1093/brain/awu058
PMID: 24657985
Type of production: Scientific paper
Corresponding author: No
- 15** Magda Osman; Agata Rytarska; Kash Karimi; LingLing Tu; Ignacio Obeso; Maarten Speekenbrink; Marjan Jahanshahi. The effects of dopaminergic medication on dynamic decision making in Parkinson's disease. *Neuropsychologia*. 53, pp. 157 - 164. 01/2014. ISSN 1873-3514
DOI: 10.1016/j.neuropsychologia.2013.10.024
PMID: 24269857
Type of production: Scientific paper
Corresponding author: No
- 16** I Obeso; S S Cho; F Antonelli; S Houle; M Jahanshahi; J H Ko; A P Strafella. Stimulation of the pre-SMA influences cerebral blood flow in frontal areas involved with inhibitory control of action. *Brain stimulation*. 6 - 5, pp. 769 - 776. 09/2013. ISSN 1876-4754
DOI: 10.1016/j.brs.2013.02.002
PMID: 23545472
Type of production: Scientific paper
Corresponding author: No
- 17** Sang Soo Cho; Giovanna Pellecchia; Kelly Aminian; Nicola Ray; Barbara Segura; Ignacio Obeso; Antonio P Strafella. Morphometric correlation of impulsivity in medial prefrontal cortex. *Brain topography*. 26 - 3, pp. 479 - 487. 07/2013. ISSN 1573-6792
DOI: 10.1007/s10548-012-0270-x
PMID: 23274773
Type of production: Scientific paper
Corresponding author: No
- 18** Ignacio Obeso; Leonora Wilkinson; Maria-Cruz Rodríguez Oroz; Jose A Obeso; Marjan Jahanshahi. Bilateral stimulation of the subthalamic nucleus has differential effects on reactive and proactive inhibition and conflict-induced slowing in Parkinson's disease. *Experimental brain research*. 226 - 3, pp. 451 - 462. (Germany): 05/2013. ISSN 1432-1106
DOI: 10.1007/s00221-013-3457-9
PMID: 23525560
Type of production: Scientific paper
Corresponding author: No



- 19** Manuel Alegre; Jon Lopez Azcarate; Ignacio Obeso; Leonora Wilkinson; Maria C Rodriguez Oroz; Miguel Valencia; David Garcia Garcia; Jorge Guridi; Julio Artieda; Marjan Jahanshahi; Jose A Obeso. The subthalamic nucleus is involved in successful inhibition in the stop-signal task: a local field potential study in Parkinson's disease. *Experimental neurology*. 239, pp. 1 - 12. 01/2013. ISSN 1090-2430
DOI: 10.1016/j.expneurol.2012.08.027
PMID: 22975442
Type of production: Scientific paper
Corresponding author: No
- 20** Ignacio Obeso; Noemí Robles; Elena M Marrón; Diego Redolar Ripoll. Dissociating the Role of the pre-SMA in Response Inhibition and Switching: A Combined Online and Offline TMS Approach. *Frontiers in Human Neuroscience*. 7, pp. 150. (Switzerland): 2013. ISSN 1662-5161
DOI: 10.3389/fnhum.2013.00150
PMID: 23616761
Type of production: Scientific paper
Corresponding author: Yes
- 21** Sang Soo Cho; Giovanna Pallecchia; Ji Hyun Ko; Nicola Ray; Ignacio Obeso; Sylvain Houle; Antonio P Strafella. Effect of continuous theta burst stimulation of the right dorsolateral prefrontal cortex on cerebral blood flow changes during decision making. *Brain stimulation*. 5 - 2, pp. 116 - 123. 04/2012. ISSN 1876-4754
DOI: 10.1016/j.brs.2012.03.007
PMID: 22494829
Type of production: Scientific paper
Corresponding author: No
- 22** Ignacio Obeso; Enrique Casabona; Maria Luisa Bringas; Lázaro Alvarez; Marjan Jahanshahi. Semantic and phonemic verbal fluency in Parkinson's disease: Influence of clinical and demographic variables. *Behavioural neurology*. 25 - 2, pp. 111 - 118. 2012. ISSN 1875-8584
PMID: 22530265
Type of production: Scientific paper
Corresponding author: No
- 23** Ignacio Obeso; Leonora Wilkinson; Marjan Jahanshahi. Levodopa medication does not influence motor inhibition or conflict resolution in a conditional stop-signal task in Parkinson's disease. *Experimental brain research*. 213 - 4, pp. 435 - 445. (Germany): 09/2011. ISSN 1432-1106
DOI: 10.1007/s00221-011-2793-x
PMID: 21796541
Type of production: Scientific paper
Corresponding author: No
- 24** Ignacio Obeso; Leonora Wilkinson; Enrique Casabona; Maria Luisa Bringas; Mario Álvarez; Lázaro Álvarez; Nancy Pavón; Maria-Cruz Rodríguez Oroz; Raúl Macías; Jose A Obeso; Marjan Jahanshahi. Deficits in inhibitory control and conflict resolution on cognitive and motor tasks in Parkinson's disease. *Experimental brain research*. 212 - 3, pp. 371 - 384. (Germany): 07/2011. ISSN 1432-1106
DOI: 10.1007/s00221-011-2736-6
PMID: 21643718
Type of production: Scientific paper
Corresponding author: No
- 25** Leonora Wilkinson; James T Teo; Ignacio Obeso; John C Rothwell; Marjan Jahanshahi. The contribution of primary motor cortex is essential for probabilistic implicit sequence learning: evidence from theta burst magnetic stimulation. *Journal of cognitive neuroscience*. 22 - 3, pp. 427 - 436. 03/2010. ISSN 1530-8898
DOI: 10.1162/jocn.2009.21208



PMID: 19301999

Type of production: Scientific paper

Corresponding author: No

- 26** Ignacio Obeso; Antonio Oliviero; Marjan Jahanshahi. Editorial: Non-invasive Brain Stimulation in Neurology and Psychiatry. *Frontiers in neuroscience*. 10, pp. 574. (Switzerland): 2016. ISSN 1662-4548

DOI: 10.3389/fnins.2016.00574

PMID: 28018167

Type of production: Scientific edition

Corresponding author: Yes

- 27** Ignacio Obeso; Antonio P Strafella. Boosting response inhibition neural network with rTMS may improve dyskinesias in Parkinson's disease. *Brain stimulation*. 7 - 2, pp. 336 - 337. 2014. ISSN 1876-4754

DOI: 10.1016/j.brs.2013.12.004

PMID: 24406171

Type of production: Scientific edition

Corresponding author: Yes

- 28** Ignacio Obeso; Antonio P Strafella. Top-down control of dyskinesias in PD using brain stimulation. *Brain stimulation*. 7 - 3, pp. 488. 2014. ISSN 1876-4754

DOI: 10.1016/j.brs.2014.01.005

PMID: 24507577

Type of production: Scientific edition

Corresponding author: Yes

- 29** Antonio P Strafella; Nicolaas I Bohnen; Joel S Perlmutter; David Eidelberg; Nicola Pavese; Thilo Van Eimeren; Paola Piccini; Marios Politis; Stephane Thobois; Roberto Ceravolo; Makoto Higuchi; Valtteri Kaasinen; Mario Masellis; M Cecilia Peralta; Ignacio Obeso; Jose Ángel Pineda Pardo; Roberto Cilia; Benedicte Ballanger; Martin Niethammer; Jon A Stoessl. Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. *Movement disorders : official journal of the Movement Disorder Society*. 32 - 2, pp. 181 - 192. 02/2017. ISSN 1531-8257

DOI: 10.1002/mds.26907

PMID: 28150432

Type of production: Review

Corresponding author: No

- 30** Marjan Jahanshahi; Ignacio Obeso; John C Rothwell; José A Obeso. A fronto-striato-subthalamic-pallidal network for goal-directed and habitual inhibition. *Nature reviews. Neuroscience*. 16 - 12, pp. 719 - 732. 12/2015. ISSN 1471-0048

DOI: 10.1038/nrn4038

PMID: 26530468

Type of production: Review

Corresponding author: No

- 31** Ignacio Obeso; Antonio Cerasa; Aldo Quattrone. The Effectiveness of Transcranial Brain Stimulation in Improving Clinical Signs of Hyperkinetic Movement Disorders. *Frontiers in Neuroscience*. 9, pp. 486. (Switzerland): 2015. ISSN 1662-4548

DOI: 10.3389/fnins.2015.00486

PMID: 26778947

Type of production: Review

Corresponding author: Yes



- 32** Ignacio Obeso; Nicola J Ray; Francesca Antonelli; Sang Soo Cho; Antonio P Strafella. Combining functional imaging with brain stimulation in Parkinson's disease. *International review of psychiatry* (Abingdon, England). 23 - 5, pp. 467 - 475. 10/2011. ISSN 1369-1627
DOI: 10.3109/09540261.2011.621414
PMID: 22200136
Type of production: Review
Corresponding author: No
- 33** Antonio Cerasa; Ignacio Obeso; Michele Dileone; Aldo Quattrone. Transcranial Non-Invasive Brain Stimulation in Parkinson's Disease Patients with Dyskinesias. Where is the Optimal Target?. *Cerebellum* (London, England). 16 - 1, pp. 276 - 278. 02/2017. ISSN 1473-4230
DOI: 10.1007/s12311-016-0768-y
PMID: 26928908
Type of production: Letter
Corresponding author: No
- 34** Ledia F Hernández; Ignacio Obeso. A STOP signal to striatum mediated by globus pallidus: A new loop discovered. *Movement disorders : official journal of the Movement Disorder Society*. 31 - 8, pp. 1142. 08/2016. ISSN 1531-8257
DOI: 10.1002/mds.26648
PMID: 27089855
Type of production: Letter
Corresponding author: No
- 35** Marjan Jahanshahi; Ignacio Obeso; Christelle Baunez; Manuel Alegre; Paul Krack. Parkinson's disease, the subthalamic nucleus, inhibition, and impulsivity. *Movement disorders : official journal of the Movement Disorder Society*. 30 - 2, pp. 128 - 140. 02/2015. ISSN 1531-8257
DOI: 10.1002/mds.26049
PMID: 25297382
Type of production: Letter
Corresponding author: No

Works submitted to national or international conferences

- 1** **Title of the work:** Stopping natural desires: defining the hypersexuality network in impulse control disorders.
Name of the conference: Cognitive Neuroscience Society (CNS)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: San Francisco, United States of America
Date of event: 03/2019
Organising entity: Consejo de Seguridad Nuclear
City organizing entity: United States of America
Ignacio Obeso.
- 2** **Title of the work:** Stopping natural desires: defining the hypersexuality network in impulse control disorders.
Name of the conference: European Brain & Behaviour Society (EBBS)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Bilbao, Spain



Date of event: 09/2017
Organising entity: EBBS
City organizing entity: Spain
Ignacio Obeso.

- 3** **Title of the work:** Stopping natural desires: defining the hypersexuality network in impulse control disorders.
Name of the conference: Society for Neuroscience (SfN)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Washington DC, United States of America
Date of event: 09/2017
Organising entity: SFN
City organizing entity: United States of America
Ignacio Obeso.

- 4** **Title of the work:** Transcranial static magnetic field stimulation over supplementary motor complex modulates speed-accuracy trade-offs
Name of the conference: Federation of European Neurosciences (FENS)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Copenhagen, Denmark
Date of event: 07/2016
Organising entity: FENS
City organizing entity: Denmark
Ignacio Obeso.

- 5** **Title of the work:** Unilateral subthalamotomy in Parkinson's disease: cognitive, neuropsychiatric and morphometric correlates
Name of the conference: Movement Disorders society meeting
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Berlin, Germany
Date of event: 05/2016
Organising entity: MDS
City organizing entity: Spain
Ignacio Obeso.

- 6** **Title of the work:** Changes in BOLD signal after unilateral subthalamotomy in Parkinson's disease during reactive inhibition
Name of the conference: Sociedad Española de Neurociencia (SENC)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Granada, Spain
Date of event: 05/2015
Organising entity: SENC
City organizing entity: Spain
Ignacio Obeso.



- 7** **Title of the work:** The basal ganglia and executive control
Name of the conference: Seminario Grenoble Institut des Neurosciences (GIN)
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Grenoble, France
Date of event: 07/2014
Organising entity: Department of Psychiatry and Neurology, University Hospital Grenoble
City organizing entity: Grenoble, France
Ignacio Obeso.
- 8** **Title of the work:** The role of basal ganglia in response inhibition: evidence from surgery and fMRI in Parkinson's disease
Name of the conference: Seminario Laboratoire de Neurobiologie de la Cognition, CNRS, Université de Provence
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Marseille, France
Date of event: 07/2014
Organising entity: CNRS **Type of entity:** Public Research Body
Ignacio Obeso.
- 9** **Title of the work:** How negative emotions influence task switching: insights from intracranial recordings study in humans.
Name of the conference: Human Brain Mapping
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Hamburgo, Germany
Date of event: 06/2014
Organising entity: Human Brain Mapping Society
Obeso Ignacio; Vanni Mercier G; Mauguière F; Isnard J; Dreher J.C.
- 10** **Title of the work:** Right TPJ stimulation shifts the balance between individual cost and the other's benefit
Name of the conference: Human Brain Mapping
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Hamburgo, Germany
Date of event: 06/2014
Organising entity: Human Brain Mapping Society
Obeso Ignacio; Wydoodyt P; Moisa M; Ruff CC; Dreher JC.
- 11** **Title of the work:** Eficacia de la TMS en la rehabilitación de enfermedades neurodegenerativas
Name of the conference: IV Congreso Restauración Neurológica
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: La Habana, Cuba
Date of event: 03/2014
Organising entity: Centro Internacional de Restauración Neurológica (CIREN)



Ignacio Obeso.

- 12** **Title of the work:** The basal ganglia role during executive control of actions as revealed by patients with Parkinson's disease
Name of the conference: IV Congreso Restauración Neurológica
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: La Habana, Cuba
Date of event: 03/2014
Organising entity: Centro Internacional de Restauración Neurológica (CIREN)
Ignacio Obeso.
- 13** **Title of the work:** Impact of unilateral subthalamotomy in fMRI (BOLD signal) in Parkinson's disease during a stop signal task.
Name of the conference: Society for Neuroscience (SfN)
Type of event: Conference
Type of participation: Participatory - poster
City of event: San Diego, United States of America
Date of event: 11/2013
Organising entity: Society for Neuroscience (SfN)
Obeso Ignacio; Loayza F; Gonzalez R; Villagra F; Guridi J; Rodriguez Oroz M.C.; Jahanshahi M; Obeso J.A.; Pastor M.A.
- 14** **Title of the work:** Dissociating preSMA role in response inhibition and switching: a TMS study.
Name of the conference: Human Brain Mapping
Type of event: Conference
Type of participation: Participatory - poster
City of event: Seattle, United States of America
Date of event: 06/2013
Organising entity: Human Brain Mapping Society
Obeso Ignacio; Robles N; Muñoz Marrón E; Redolar Ripoll D.
- 15** **Title of the work:** cTBS on right dorsolateral prefrontal cortex mimics impulsive behavior induced by alcohol.
Name of the conference: Human Brain Mapping
Type of event: Conference
Type of participation: Participatory - poster
City of event: Seattle, United States of America
Date of event: 06/2013
Organising entity: Human Brain Mapping Society
Robles N; Obeso Ignacio; Redolar Ripoll D; Munoz Marron E.
- 16** **Title of the work:** Stimulation of the right TPJ increases prosocial, but not asocial, decision making.
Name of the conference: Symposium on Biology and decision making
Type of event: Conference
Type of participation: Participatory - poster
City of event: Paris, France



Date of event: 05/2013
Organising entity: Ecole Normale Superior (ENS)
Obeso Ignacio; Wydoot P; Moisa M; Ruff C; Dreher JC.

- 17** **Title of the work:** PreSMA cognitive functions as revealed by TMS
Name of the conference: Seminario Dr. Avila lab
Type of event: Seminar **Geographical area:** National
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Castellón de la Plana, Valencian Community, Spain
Date of event: 12/2012
Organising entity: Universidad Jaume I
Ignacio Obeso.
- 18** **Title of the work:** Effect of medial prefrontal rTMS on impulsivity and dopamine release in ventral striatum and Globus pallidus
Name of the conference: Society for Neuroscience (SfN)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Washington, United States of America
Date of event: 11/2012
Organising entity: Society for Neuroscience (SfN)
Cho S.S.; Koshimori Y; Obeso Ignacio; Rusjan P; Wilson A; Houle S; Strafella A.
- 19** **Title of the work:** The role of preSMA in cognitive control
Name of the conference: Seminario Dr. Hasbroucq lab, Laboratoire de Neurobiologie de la Cognition
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk
City of event: Marsella, France
Date of event: 07/2012
Organising entity: CNRS, Université de Provence
Ignacio Obeso.
- 20** **Title of the work:** Unilateral subthalamotomy in Parkinson's disease and response inhibition
Name of the conference: Federation of European Neurosciences Society (FENS)
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Barcelona, Spain
Date of event: 06/2012
Organising entity: Federation of European Neurosciences Society (FENS)
Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L.; Alvarez M.; Rodríguez Oroz M.C.; Pavon N; Alvarez L; Macías R; Jahanshahi M.
- 21** **Title of the work:** Semantic and phonemic verbal fluency in Parkinson's disease: influence of clinical and demographic variables
Name of the conference: Congreso de la Sociedad Catalana de Neuropsicología
Type of event: Workshop **Geographical area:** National
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance



City of event: Barcelona, Spain

Date of event: 06/2012

Organising entity: Sociedad Catalana de Neuropsicología

Obeso Ignacio; Casabona E; Bringas M.L.; Alvarez; Jahanshahi M.

- 22** **Title of the work:** The role of preSMA and STN in cognitive control
Name of the conference: Seminario Dr. Dreher lab
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
City of event: Lyon, France
Date of event: 05/2012
Organising entity: Institute of Cognitive Neuroscience, CNRS
City organizing entity: Lyon, France
Ignacio Obeso.

- 23** **Title of the work:** The role of preSMA in response inhibition: a PET/TMS study
Name of the conference: Society for Neuroscience (SfN)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Washington, United States of America
Date of event: 11/2011
Organising entity: Society for Neuroscience (SfN) **Type of entity:** Business
City organizing entity: Washington, United States of America
Obeso Ignacio; Cho S.S.; Pellecchia G.; Ko J.H.; Strafella A.

- 24** **Title of the work:** Inhibición motora y cognitiva: el papel del núcleo subtalámico
Name of the conference: Congreso de la Sociedad Española de Neurociencia (SENC)
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Salamanca, Castile and León, Spain
Date of event: 09/2011
Organising entity: Sociedad Española de Neurociencia (SENC) **Type of entity:** Business
City organizing entity: Salamanca, Castile and León, Spain
Ignacio Obeso.

- 25** **Title of the work:** Effect of theta burst TMS over inferior frontal gyrus and preSMA on response inhibition
Name of the conference: Congreso Satélite Human Brain Mapping en TMS y neuroimagen
Type of event: Workshop **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Quebec, Canada
Date of event: 05/2011
Organising entity: Human Brain Mapping (HBM) **Type of entity:** Business
City organizing entity: Quebec, Canada
Obeso Ignacio; Wilkinson W; Teo J; Rothwell J; Jahanshahi M.



- 26** **Title of the work:** Effect of theta burst TMS over inferior frontal gyrus and preSMA on response inhibition
Name of the conference: Western Toronto Research Day of University of Toronto (UofT)
Type of event: Workshop **Geographical area:** Non EU International
Type of participation: 'Participatory - poster' **Reasons for participation:** Review before acceptance

City of event: Toronto, Canada
Date of event: 05/2011
Organising entity: University of Toronto (UofT) **Type of entity:** University
City organizing entity: Toronto, Canada
Obeso Ignacio; Wilkinson W; Teo J; Talelli P; Rothwell J; Jahanshahi M.
- 27** **Title of the work:** Response inhibition and initiation under conflict in Parkinson's disease
Name of the conference: Seminario Dr. Rodriguez Fornells lab
Type of event: Seminar **Geographical area:** National
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk

City of event: Barcelona, Catalonia, Spain
Date of event: 11/2010
Organising entity: Universitat de Barcelona **Type of entity:** University
City organizing entity: Barcelona, Catalonia, Spain
Ignacio Obeso.
- 28** **Title of the work:** The effect of Levodopa on inhibition and response initiation under conflict in Parkinson's Disease
Name of the conference: Congreso Movement Disorders society
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster' **Reasons for participation:** Review before acceptance

City of event: Buenos Aires, Argentina
Date of event: 01/06/2010
End date: 05/06/2010
Organising entity: Movement Disorders society **Type of entity:** Business
City organizing entity: Buenos Aires, Argentina
Obeso Ignacio; Wilkinson L; Jahanshahi M.
- 29** **Title of the work:** Unilateral subthalamotomy in Parkinson's disease and response inhibition
Name of the conference: Congreso Movement Disorders society
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster' **Reasons for participation:** Review before acceptance

City of event: Buenos Aires, Argentina
Date of event: 06/2010
Organising entity: Movement Disorders society **Type of entity:** Business
City organizing entity: Buenos Aires, Argentina
Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L; Alvarez M; Rodríguez Oroz M.C.; Pavon N; Alvarez L; Macías R; Jahanshahi M.
- 30** **Title of the work:** Cortical and subcortical contributions in 'higher' order motor control
Name of the conference: Seminario Prof Ridderinkhof lab, ACACIA
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote **Reasons for participation:** Upon invitation talk



City of event: Amsterdam, Holland

Date of event: 03/2010

Organising entity: University of Amsterdam

City organizing entity: Amsterdam, Holland

Ignacio Obeso.

Type of entity: University

- 31 Title of the work:** Effects of deep brain stimulation of the subthalamic nucleus on inhibition and response initiation under conflict in Parkinson's Disease

Name of the conference: Society for Neuroscience (SfN)

Type of event: Conference

Type of participation: 'Participatory - poster

Geographical area: Non EU International

Reasons for participation: Review before acceptance

City of event: Chicago, United States of America

Date of event: 10/2009

Organising entity: Society for Neuroscience (SfN)

City organizing entity: Chicago, United States of America

Obeso Ignacio; Wilkinson L; Limousin Dowsey P; Rodríguez Oroz M.C.; Obeso J; Jahanshahi M.

Type of entity: Business

- 32 Title of the work:** Implicit sequence learning on the serial reaction time in Parkinson's disease: the effects of training hand and repeated testing

Name of the conference: Congreso Movement Disorders society

Type of event: Conference

Type of participation: 'Participatory - poster

Geographical area: European Union

Reasons for participation: Review before acceptance

City of event: Paris, France

Date of event: 06/2009

Organising entity: Movement Disorders society

City organizing entity: Paris, France

Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L.; Alvarez M; Rodríguez Oroz M.C; Pavon N; Alvarez L; Macías R; Jahanshahi M.

- 33 Title of the work:** Effect of theta burst TMS over inferior frontal gyrus and preSMA on response inhibition

Name of the conference: Magstim TMS Summer School

Type of event: Workshop

Type of participation: 'Participatory - poster

City of event: Londres, United Kingdom

Date of event: 05/2009

Organising entity: Magstim

City organizing entity: Londres, United Kingdom

Obeso Ignacio; Wilkinson W; Teo J; Talelli P; Rothwell J; Jahanshahi M.

Geographical area: European Union

Reasons for participation: Open access

Type of entity: Business

- 34 Title of the work:** The role of Basal Ganglia in Inhibitory Processes

Name of the conference: III Congreso Restauración Neurológica

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: La Havana, Cuba

Date of event: 03/2009

Organising entity: Centro Internacional de Restauración Neurológica (CIREN)

City organizing entity: La Habana, Cuba

Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L.; Alvarez M; Rodríguez Oroz M.C.; Pavon N; Alvarez L; Macías R; Jahanshahi M.

Geographical area: Non EU International

Reasons for participation: Review before acceptance



- 35** **Title of the work:** The role of Basal Ganglia in Inhibitory Processes
Name of the conference: Parkinson's Disease Society UK Research
Type of event: Conference
Type of participation: 'Participatory - poster
Geographical area: European Union
Reasons for participation: Review before acceptance
City of event: York, United Kingdom
Date of event: 11/2008
Organising entity: Parkinson's Disease Society
City organizing entity: York, United Kingdom
Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L.; Alvarez M; Rodríguez Oroz M.C.; Pavon N; Alvarez L; Macías R; Jahanshahi M.
- 36** **Title of the work:** Response initiation under conflict: effects of Parkinson's disease and Transcranial Magnetic stimulation (TMS).
Name of the conference: Annual Open Day UCL
Type of event: Workshop
Type of participation: 'Participatory - poster
Geographical area: European Union
Reasons for participation: Review before acceptance
City of event: London, United Kingdom
Date of event: 10/2008
Organising entity: Institute of Neurology, UCL
City organizing entity: Londres, United Kingdom
Ignacio Obeso.
- 37** **Title of the work:** Inhibition in tasks involving response conflict is impaired in Parkinson's Disease
Name of the conference: Congreso Movement Disorders society
Type of event: Conference
Type of participation: 'Participatory - poster
Geographical area: Non EU International
Reasons for participation: Review before acceptance
City of event: Chicago, United States of America
Date of event: 06/2008
Organising entity: Movement Disorders society
City organizing entity: Chicago, United States of America
Obeso Ignacio; Wilkinson L; Casabona E; Bringas M.L.; Alvarez M; Rodríguez Oroz M.C.; Pavon N; Alvarez L; Macías R; Jahanshahi M.
- 38** **Title of the work:** Theta burst rTMS to primary motor cortex impairs probabilistic implicit sequence learning
Name of the conference: Queen Square Symposium
Type of event: Workshop
Type of participation: 'Participatory - poster
Geographical area: European Union
Reasons for participation: Review before acceptance
City of event: Londres, United Kingdom
Date of event: 05/2008
Organising entity: University College of London (UCL)
City organizing entity: Londres, United Kingdom
Obeso Ignacio; Wilkinson L; Teo J; Rothwell J; Jahanshahi M.
- 39** **Title of the work:** Theta burst rTMS to primary motor cortex impairs probabilistic implicit sequence learning
Name of the conference: Society for Neuroscience (SfN)
Type of event: Conference
Geographical area: Non EU International



Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

City of event: San Diego, United States of America

Date of event: 11/2007

Organising entity: Society for Neuroscience (SfN)

Type of entity: Business

City organizing entity: San Diego, United States of America

Obeso Ignacio; Wilkinson L; Teo J; Rothwell J; Jahanshahi M.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1 **Committee title:** Human Brain Mappin (HBM)
Primary (UNESCO code): 249000 - Neurosciences
Secondary (UNESCO code): 320105 - Clinical psychology; 610602 - Comparativa psychology
- 2 **Committee title:** Society for Neuroscience (SfN)
Primary (UNESCO code): 249000 - Neurosciences

Organization of R&D activities

Title of the activity: Parkinson's disease and affectivity simposium

Type of activity: Invite delegates, presentation of conferences, introduction of researches, design of a logical scientific symposium structure and promote scientific discussions

Geographical area: Non EU International

City of event: La Habana, Cuba

Convening entity: IV Congreso de Restauración Neurológica

Type of entity: Healthcare Institutions

City convening entity: La Habana, Cuba

Type of participation: Chairman

N° assistants: 50

Start-End date: 05/03/2014 - 07/03/2014

Duration: 3 days

Evaluation and revision of R&D projects and articles

- 1 **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Brain Structure and Function
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 02/01/2016 - 29/01/2015
- Frequency of the activity:** 1
Geographical area: European Union



- 2** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Journal of Neural Engineering
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 02/01/2015 - 29/01/2015
Type of entity: Business
Frequency of the activity: 1
Geographical area: European Union
- 3** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Brain Imaging and Behavior
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 02/01/2015 - 29/01/2015
Frequency of the activity: 1
Geographical area: European Union
- 4** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Brain
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 02/01/2015 - 29/01/2015
Frequency of the activity: 1
Geographical area: European Union
- 5** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Movement Disorders Journal
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 01/10/2012 - 15/11/2014
Type of entity: Business
Frequency of the activity: 3
Geographical area: UE, internacional
- 6** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Neurobiology of Aging
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start-End date: 05/09/2013 - 15/10/2013
Type of entity: Business
Frequency of the activity: 1
Geographical area: UE, internacional
- 7** **Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Neurotherapeutics
Type of entity: Business



Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start-End date: 15/05/2013 - 15/06/2013

Frequency of the activity: 1

Geographical area: Non EU International

8 Name of the activity: peer-review

Performed tasks: Evaluation of scientific quality

Entity where activity was carried out: Journal of Neuropsychology

Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start-End date: 01/01/2013 - 01/02/2013

Type of entity: Business

Frequency of the activity: 1

Geographical area: UE, internacional

9 Name of the activity: peer-review

Performed tasks: Evaluation of scientific quality

Entity where activity was carried out: Parkinson's disease

Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start-End date: 15/10/2012 - 15/11/2012

Frequency of the activity: 1

Geographical area: UE, internacional

10 Name of the activity: peer-review

Performed tasks: Evaluation of scientific quality

Entity where activity was carried out: PLoS ONE journal

Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start-End date: 15/07/2014 - 20/08/2012

Type of entity: Business

Frequency of the activity: 2

Geographical area: UE, internacional

11 Name of the activity: peer-review

Performed tasks: Evaluation of scientific quality

Entity where activity was carried out: Behavioral Neuroscience

Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start date: 02/01/2017

Frequency of the activity: 1

Geographical area: European Union

12 Name of the activity: peer-review

Performed tasks: Evaluation of scientific quality

Entity where activity was carried out: Cerebral Cortex

Type of activity: Review of articles in scientific or technological journals

Access system: With express recognition of the credits concerned

Start date: 02/01/2017

Frequency of the activity: 1

Geographical area: European Union



- 13 Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Journal of Cognitive Neuroscience
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start date: 02/01/2017
Frequency of the activity: 1
Geographical area: European Union
- 14 Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Neuroimage
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start date: 02/01/2017
Frequency of the activity: 1
Geographical area: European Union
- 15 Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Neuropsychology
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start date: 02/01/2017
Frequency of the activity: 1
Geographical area: European Union
- 16 Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Cortex
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start date: 02/01/2016
Frequency of the activity: 1
Geographical area: European Union
- 17 Name of the activity:** peer-review
Performed tasks: Evaluation of scientific quality
Entity where activity was carried out: Nature
Type of activity: Review of articles in scientific or technological journals
Access system: With express recognition of the credits concerned
Start date: 02/01/2016
Frequency of the activity: 1
Geographical area: European Union
- 18 Name of the activity:** editor
Performed tasks: Special issue editorial work
Entity where activity was carried out: Frontiers in Neuroscience
Type of activity: Participation in editorial committees
Access system: By public merit
Type of entity: Business
Frequency of the activity: 1
Geographical area: UE, internacional



Start date: 01/12/2014

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** University of Zurich **Type of entity:** University
City of entity: Zurich, Switzerland
Start-End date: 01/02/2013 - 07/03/2013 **Duration:** 1 month - 6 days
Goals of the stay: Post-doctoral
Provable tasks: colecta de datos comportamentales, desarrollo de experimentos, colaboración internacional
- 2** **Entity:** Centro Internacional de Restauración Neurológica (CIREN) **Type of entity:** Healthcare Institutions
City of entity: La Habana, Cuba
Start-End date: 01/09/2008 - 20/12/2008 **Duration:** 3 months
Goals of the stay: Doctorate
Provable tasks: evaluación neuropsicológica de pacientes, experimentos científicos

Obtained grants and scholarships

- 1** **Name of the grant:** Predoctoral studies abroad
City awarding entity: Londres, United Kingdom
Aims: Pre-doctoral
Awarding entity: FUNDACION CAJA DE MADRID
Amount of the grant: 34.000 €
Conferral date: 01/09/2008 **Duration:** 2 years
End date: 30/09/2010
Entity where activity was carried out: University College of London (UCL)
Faculty, institute or centre: Institute of Neurology
- 2** **Name of the grant:** Travel Fellowship
City awarding entity: Buenos Aires, Argentina
Aims: Pre-doctoral
Awarding entity: Guarantors of Brain travel scholarships **Type of entity:** Business
Amount of the grant: 1.000 €
Conferral date: 01/06/2010 **Duration:** 3 days
End date: 04/06/2010
Entity where activity was carried out: Movement Disorders Society Congress
- 3** **Name of the grant:** Travel Fellowship
City awarding entity: Buenos Aires, Argentina
Aims: Pre-doctoral
Awarding entity: Movement Disorders travel grant **Type of entity:** Business
Amount of the grant: 1.000 €
Conferral date: 01/06/2010 **Duration:** 3 days



End date: 04/06/2010

Entity where activity was carried out: Movement Disorders Society Congress

4 Name of the grant: Research project: The Role of the Basal Ganglia in Cognition and Higher Motor Control as revealed by Stereotactic surgery.

City awarding entity: La Habana, Cuba

Aims: Pre-doctoral

Awarding entity: The royal society

Type of entity: Foundation

Amount of the grant: 338.900 €

Conferral date: 01/05/2007

Duration: 2 years

End date: 30/04/2009

Entity where activity was carried out: Centro Internacional de Restauración Neurológica (CIREN)

5 Name of the grant: Travel Fellowship

City awarding entity: Chicago, United States of America

Aims: Pre-doctoral

Awarding entity: Guarantors of Brain travel scholarships

Type of entity: Business

Amount of the grant: 1.000 €

Conferral date: 04/06/2008

Duration: 4 days

End date: 08/06/2008

Entity where activity was carried out: Movement Disorders Society Congress

6 Name of the grant: Travel Fellowship

City awarding entity: York, United Kingdom

Aims: Pre-doctoral

Awarding entity: Parkinson's disease Society travel grant

Type of entity: Foundation

Amount of the grant: 400 €

Conferral date: 13/04/2008

Duration: 4 days

End date: 17/04/2008

Entity where activity was carried out: Parkinson's disease Society congress

7 Name of the grant: Miguel Servet

Aims: Investigator

Awarding entity: Instituto de Salud Carlos III

Type of entity: Public Research Body

Conferral date: 01/2019

Duration: 5 years

Entity where activity was carried out: Fundación Hospitales Madrid

Faculty, institute or centre: Hospitales Madrid, CINAC

8 Name of the grant: Travel fellowship

Aims: congreso

Awarding entity: Federation of European Neuroscience Societies (FENS)

Type of entity: federacion

Conferral date: 04/2016

Entity where activity was carried out: FENS 2016

9 Name of the grant: Sara Borrell

Aims: Post-doctoral

Awarding entity: Instituto de Salud Carlos III

Type of entity: Public Research Body

Conferral date: 02/2016

Duration: 3 years



Entity where activity was carried out: Fundación Hospitales Madrid
Faculty, institute or centre: Hospitales Madrid, CINAC