Dept Cognició, Desenvolupament i Psicologia Educativa
• Facultat de Psicologia • Universitat de Barcelona •
Pg Vall d'hebron 171 • 08035 Barcelona

Tél. + 34 93 403 47 68 • Fax + 34 93 402 13 63 •
email: ruth.dediego@icrea.cat; ruth.dediego@ub.edu

DE DIEGO-BALAGUER, Ruth

CURRENT POSITION

From October 2012. ICREA Research Professor at the Departament de Cognició, Desenvolupament i Psicologia Educativa. Universitat de Barcelona.

ACADEMIC BACKGROUND

1998	Degree in Psychology – Universitat de Barcelona (1995-1996 at the University of Reading, United Kingdom)
2001	European Diploma in Cognitive and Brain Sciences Hanse-Wissenschaftkolleg and Universidad de La Laguna
2003	PhD in Psychology Universitat de Barcelona (Cognitive Sciences and Language Program, Dept. de Psicologia Bàsica)

PREVIOUS POSITIONS

1999-2003	Predoctoral Fellow – Generalitat de Catalunya At the Universitat de Barcelona / Parc Científic
2004-2005	Post-doctoral Fellow – Association Huntington France At the INSERM U955 Equipe 1. Neuropsychologie Interventionnelle, Créteil, France
2005-2006	Research-lecturer – Ecole Normale Supérieure (ENS, Paris) At the Département d'Etudes Cognitives
2006-2007	Post-doctoral Fellow – Université Paris-Est Créteil (UPEC) At the INSERM U955 Equipe 1. Neuropsychologie Interventionnelle, Créteil, France
2006 call	Ramon y Cajal position (Declined for the ICREA Researcher position)
2007-2012	ICREA Researcher
2009-2012	Associate Research-lecturer, Département d'Études Cognitives, École Normale Supérieure, Paris (France)

RESEARCH PROJECTS *(last 10 years)*

As Principal Investigator
1. Grup de Recerca Consolidat. Generalitat de Catalunya (2022-2024). Brain Dynamics and Structure of Human Cognition (2021SGR352). Amount: 60.000€. PI: Ruth de Diego Balaguer.
2. Ministerio de Ciencia e Innovación (MICINN, I+D+i, 2022-2025). Temporal predictions in the motor system and its relation with language learning. Reference: PID2021-127146NB-I00. Amount: 151.008€. PI: Ruth de Diego Balaguer.
3. Ministerio de Ciencia, Innovación y Universidades (MICINN, I+D+i, 2018-2021). Attenting to rhythm: temporal prediction and selective attention in language learning. Reference: BFU2017-87109-P. Amount: 133.100€. PI: Ruth de Diego Balaguer.

4. ERC Starting Grant. (2013-2018). Tuning attention during language learning. Amount: 1.485.600€. PI: Ruth de Diego Balaguer.
5. Ministerio de Ciencia e Innovación (MICINN, I+D+i, 2012-2015). A multimodal neuroimaging approach to delineate emotional, motor and cognitive cortico-striatal pathways. Ref.: PSI2011-2014. IDIBELL. Amount: 84.700€. PI: Ruth de Diego-Balaguer.

As research collaborator:

6. Mención de Excelencia Maria de Maetzu al Institut de Neurociències de la Universitat de Barcelona (UBNEURO) (2022-2026). MDM-2017-0729. PI: Jordi Alberch Vie. 2.000.000,00 €. Ministerio de Ciencia e Innovación
7. Research Council of Norway (2021-2024). Linguistic Economy through transfer Source Selectivity (LESS): A neurocognitive investigation of linguistic transfer in multilingualism. 326487-FORSKER21. Amount: 6,974,000 NOK (~720,000 €). PI. Jorge Gonzalez Alonso.
8. Mención de Excelencia Maria de Maetzu al Institut de Neurociències de la Universitat de Barcelona (UBNEURO) (2018-2022). MDM-2017-0729. PI: Jordi Alberch Vie. 2.000.000,00 €. MEICO - Ministerio de Economia, Industria y Competitividad
9. Ministerio de Ciencia, Innovación y Universidades (MICINN, I+D+i, 2020-2022). Rutas hacia la cognición cuando el lenguaje falla. PID2019-105241GB-I00. Amount: 84,700 €. PI: Wolfram Hinzen.
10. Grup de Recerca Consolidat, Generalitat de Catalunya (2017-2020). CBP (2017SGR1573). Amount: 62.000€. PI: Antonio Rodriguez Fornells.
11. Grup de Recerca Consolidat, Generalitat de Catalunya (2014-2016). CBP (2014SGR1413). Amount: 30.000€. PI: Antoni Rodriguez-Fornells.

AWARDS, HONOURS AND FELLOWSHIPS

Fellowships

1999	Research fellowship for Graduate students (Ministerio de Educación y Ciencia)
2000	Batista y Roca fellowship in the Cognition and Brain Unit (MRC) in Cambridge, UK (2 months)
2000-2003	FI PhD Fellowship (AGAUR, Generalitat de Catalunya)
2005-2006	Post-doctoral fellowship from the Association Huntington France, Paris, France
2006-2007	Post-doctoral Fellowship from the Ministerio de Educación y Ciencia at the Ecole Normale Supérieure, Paris, France
2011	Travelling fellowship BE-SDR (2011). 3 months, Ecole Normale Supérieure, Paris (France).

Awards

2005	Ph.D Dissertation Extraordinary Award
2007	José Manuel Blecua Award in Humanities and Social Sciences (best article derived from a UB Ph.D thesis)
2008	Research Certification of the Agency for Quality in the University System of Catalunya (AQU) (professor Agregat).
2014	Award of the Spanish Society of Experimental Psychology (SEPEX) to the best article 2013.
2017	Award of the Spanish Society of Experimental Psychology (SEPEX) to the best article 2016.

Honours and responsibilities

2018-2022	President of the Spanish Society for Experimental Psychology
From 2016	Member of the Internal Scientific Committee of Bellvitge Biomedical Research Institute (IDIBELL).
From 2021	Doctoral commission member for the Brain, Cognition and Behaviour Doctoral program (UB)
2022	Scientific Advisory Board, Fundación GADEA por la ciencia.
2022	Within the first published ranking of the best 5000 Spanish women researchers in Spain and abroad.

PUBLICATIONS

Peer-reviewed articles published

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F., & de Diego-Balaguer, R. (2023). Prosodic cues enhance infants' sensitivity to nonadjacent regularities. *Science Advances, 9(15), eade4083*.

Orpella J, Assaneo MF, Ripollés P, Noejovich L, López-Barroso D, Diego-Balaguer R, et al. (2022) Differential activation of a frontoparietal network explains population-level differences in statistical learning from speech. *PLoS Biol 20(7): e3001712.* https://doi.org/10.1371/journal.pbio.3001712

De Paepe, A.E., García-Gorro, C., Martínez-Horta, S., Pérez-Pérez, J., Kulisevsky, J., Rodríguez-Dechichá, N., Vaquer, I., Subirà, S., Calopa, M., Santacruz, P., Muñoz, E., Mareca, C., Ruiz-Idiago, J., de Diego-Balaguer, R., Càmara, E. (2022). Delineating apathy profiles in Huntington's disease with the short-Lille Apathy Rating Scale. *Parkinsonism & Related Disorders. 105:83-89*

Domingo-Ayllón, M., García-Gorro, C., Martínez-Horta, S., Pérez-Pérez, J., Kulisevsky, J., Rodríguez-Dechichá, N., Vaquer, I., Subirà, S., Calopa, M., Muñoz, E., Santacruz, P., Ruiz-Idiago, J., Mareca, C., de Diego-Balaguer, R., Càmara, E. (2022). E06 Temporo-spatial structural characterization of deep white matter tracts across the spectrum of Huntington's disease. *Journal of Neurology Neurosurgery and Psychiatry. 93(1)*

Birulés J.*, Martinez-Alvarez A.*, Lewkowitz D., de Diego-Balaguer R., Pons, F. (2022) Violation of non-adjacent rule dependencies elicits greater attention to a talker's mouth in 15-month-old infants. *Infancy. 27(5):963-971*

E Mas-Herrero, D Adrover-Roig, M Ruz, R de Diego-Balaguer. (2021). Do bilinguals outperform monolinguals in switching tasks? Contrary evidence for nonlinguistic and linguistic switching tasks. *Neurobiology of Language, 2 (4), 586-604*

Orpella J., Mas-Herrero E., Ripollés P., Marco-Pallarés J., de Diego-Balaguer R. (2021). Language statistical learning responds to reinforcement learning principles rooted in the striatum. *PLoS Biol 19(9): e3001119. https://doi.org/10.1371/journal.pbio.3001119.*

De Paepe A.E., Ara A., Garcia-Gorro G., Martinez-Horta S, Perez-Perez J, Kulisevsky J, Rodriguez-Dechicha N., Vaquer I, Subira S, Calopa M, Muñoz E, Santacruz P, Ruiz-Idiago J, Mareca C, de Diego-Balaguer R, Camara E. (2021) Gray matter vulnerabilities predict longitudinal development of apathy in Huntington's disease. *Movement disorders. https://doi.org/10.1002/mds.28638*

Martinez-Alvarez A, Sanz-Torrent M., Pons F, de Diego-Balaguer R. (2021). Rethinking attention in time: expectancy violations reconcile contradictory developmental evidence. *Journal of Experimental Child Psychology. 206:105070. doi: 10.1016/j.jecp.2020.105070*

Borragan M, de Bruin A, Havas V, de Diego-Balaguer R, Vulchanova MD, Vulchanov V, Duñabeitia JA. Differences in word learning in children: bilingualism or linguistic experience? (2020). *Applied Psycholinguistics. DOI: https://doi.org/10.1017/S0142716420000594*

Orpella J, Ripolles P, Ruzzoli M, Amengual JL, Callejas A, Martinez-Alvarez A, Soto-Faraco S, de Diego-Balaguer R. (2020). Integrating When and What Information in the Left Parietal Lobe Allows Language Rule Generalization. *PLoS Biology. 18: e3000895. doi:10.1371/journal.pbio.3000895*

O'Rourke T and de Diego-Balaguer R. (2020) Names and their meanings: A dual-process account of proper-name encoding and retrieval. *Neuroscience and Biobehavioural Reviews. 108, 341-357.*

Assaneo MF, Rimmele JM, Orpella J, Ripollés P, de Diego-Balaguer R, Poeppel D. (2019) The Lateralization of Speech-Brain Coupling Is Differentially Modulated by Intrinsic Auditory and Top-Down Mechanisms. *Frontiers in Integrative Neuroscience. 13:28. doi: 10.3389/fnint.2019.00028. eCollection 2019*

Garcia-Gorro C, Llera A, Martinez-Horta S, Perez-Perez J, Kulisevsky J, Rodriguez-Dechicha N, Vaquer I, Subira S, Calopa M, Muñoz E, Santacruz P, Ruiz-Idiago J, Mareca C, Beckmann CF, de Diego-Balaguer R[+], Camara E.[+] (2019) Specific patterns of brain alterations underlie distinct clinical profiles in Huntington's disease. *Neuroimage Clinical*. 23:101900. doi: 10.1016/j.nicl.2019.101900. ([+]joint supervision)

De Paepe AE; Sierpowska J; Garcia-Gorro C; Martinez-Horta S; Pérez J; Kulisevsky J; Rodriguez-Dechicha N; Vaquer N; Subira S; Calopa M; Muñoz E; Santacruz P; Ruiz-Idiago J; Mareca C; de Diego-Balaguer R; Camara E. (2019). White matter cortico-striatal tracts predict apathy subtypes in Huntington's disease. *Neuroimage Clinical*. 24:101965. doi: 10.1016/j.nicl.2019.101965.

Assaneo F.*, Ripollés P.*, Orpella J.*, Ming Lin W., de Diego-Balaguer R.[+], Poeppel D.[+] (2019). Spontaneous synchronization to speech reveals neural mechanisms facilitating language learning. *Nature Neuroscience*. 22(4):627-632. (*equally contributed; [+]joint supervision)

Garcia-Gorro C., Garau-Rolandi M., Escrichs A., Rodríguez-Dechicha N., Vaquer I., Subira S., Calopa M., Martínez-Horta S., Pérez-Pérez J., Kulisevsky J., Muñoz E., Santacruz P., Ruiz-Idiago J., Mareca C, de Diego-Balaguer R., Camara E. (2019). An active cognitive lifestyle as a potential neuroprotective factor in Huntington's disease. *Neuropsychologia*. 122:116-124.

Oyarzún J, Camara E, Kouider S, Fuentemilla Ll., de Diego-Balaguer R., (2019) Implicit but not explicit exposure to threat conditioned stimulus prevents spontaneous recovery of threat potentiated startle responses in humans. *Brain and Behaviour*. 9(1):e01157. https://doi. org/10.1002/brb3.1157

Giavazzi M, Sambin S., de Diego-Balaguer R., Le Stanc L., Bachoud-Lévi AC, Jacquemot C. (2018). Structural Priming in Sentence Comprehension: a single prime is enough. *PLoS One*. 13(4): e0194959. https://doi.org/10.1371/journal.pone.0194959

Garcia-Gorro, C., de Diego-Balaguer, R., Martínez-Horta, S., Pérez-Pérez, J., Kulisevsky, J., Rodríguez-Dechicha, N., Vaquer, I., Subira, S., Calopa, M., Muñoz, E., et al. (2018). Reduced striato-cortical and inhibitory transcallosal connectivity in the motor circuit of Huntington's disease patients. *Hum. Brain Mapp.* 39(1):54-71. doi:10.1002/hbm.23813.

López-Barroso, D., and de Diego-Balaguer, R. (2017). Language Learning Variability within the Dorsal and Ventral Streams as a Cue for Compensatory Mechanisms in Aphasia Recovery. *Front. Hum. Neurosci.* 11, 1–7. doi:10.3389/fnhum.2017.00476.

Hinzen, W., Rosselló, J., Morey, C., Camara, E., Garcia-Gorro, C., Salvador, R., and de Diego-Balaguer, R. (2018). A systematic linguistic profile of spontaneous narrative speech in pre-symptomatic and early stage Huntington's disease. *Cortex*. 100:71-83.doi:10.1016/j.cortex.2017.07.022.

Martinez-Alvarez, A., Pons, F., and De Diego-Balaguer, R. (2017). Endogenous temporal attention in the absence of stimulus-driven cues emerges in the second year of life. *PLoS One* 12. doi:10.1371/journal.pone.0184698.

Oyarzún, J. P., Morís, J., Luque, D., de Diego-Balaguer, R., and Fuentemilla, L. (2017). Targeted memory reactivation during sleep adaptively promotes the strengthening or weakening of overlapping memories. *J. Neurosci.* 37. doi:10.1523/JNEUROSCI.3537-16.2017

Garcia-Gorro, C., Camara, E., and de Diego-Balaguer, R. (2017). Neuroimaging as a tool to study the sources of phenotypic heterogeneity in Huntington's disease. *Curr. Opin. Neurol.* 30, 398–404.

Havas, V., Taylor, J., Vaquero, L., de Diego-Balaguer, R., Rodríguez-Fornells, A., Davis, M.H. (2017). Semantic and phonological schema influence spoken word learning and overnight consolidation. Quarterly Journal of Experimental Psychology.

Packard P., Rodríguez-Fornells A., Bunzeck N., Nicolás B., de Diego-Balaguer R., and Fuentemilla L. (2017). Semantic congruence accelerates the onset of the neural signals of successful memory encoding. Journal of Neuroscience, 37(2):291-301

González-García C, Mas-Herrero E, de Diego-Balaguer R, Ruz M. Task-specific preparatory neural activations in low-interference contexts. Brain Struct Funct. 2016;221: 1–10. doi:10.1007/s00429-015-1141-5

De Diego-Balaguer R., Schramm C., et al. (2016) COMT Val[158]Met Polymorphism Modulates Huntington's Disease Progression. PLoS One. 11(9): e0161106. doi:10.1371/journal.pone.0161106

Oyarzun J., Packard P., de Diego-Balaguer R., Fuentemilla Ll. (2016) Motivated encoding selectively enhances memory for future inconsequential semantically related events. Neurobiology of Learning and Memory. 133:1-6

López-Barroso D., Cucurell D., Rodriguez-Fornells A., de Diego-Balaguer R. (2016). Attentional effects on rule extraction and consolidation from speech. Cognition, 152: 61-69

De Diego-Balaguer R., Martinez-Alvarez A., Pons F. (2016). Temporal attention as a scaffold for language development. Frontiers in Psychology, 7: 1664. http://dx.doi.org/10.3389/fpsyg.2016.00044

De Diego-Balaguer R., Rodriguez-Fornells A., Bachoud-Lévi AC (2015). Prosodic cues enhance rule-learning by changing speech segmentation mechanisms. Frontiers in Psychology, 6: 1478. http://dx.doi.org/10.3389/fpsyg.2015.01478

De Diego-Balaguer R. (2015). Dorsal and Ventral Streams in Relation to Language Learning Abilities. In Horne M., Lindgren M, Nilsson M, Roll M, Shtyrov Y, Ståhlberg F, Topgaard D. Microstructures of learning: novel methods and approaches for structural and functional changes underlying knowledge in the brain. Frontiers Extended Abstract Book. http://frontiersin.org/books/b/990

Havas V., Gabarrós A., Juncadella M., Rifa-Ros X., Plans G., Acebes J.J., de Diego Balaguer R., Rodríguez-Fornells A. (2015). Electrical stimulation mapping of nouns and verbs in Broca's area. Brain and Language. 145-146C:53-63

Sierpowska J., Gabarrós A., Fernández-Coello A., Camins A., Castañer S., Juncadella M., de Diego-Balaguer R., Rodriguez-Fornells A. (2015). Morphological derivation overflow as a result of disruptions of the frontal aslant white matter tract. Brain and Language. 142:54-64

López-Barroso D., Ripollés P., Marco-Pallarés J., Mohammadi B., Münte T., Bachoud-Lévi AC. Rodriguez-Fornells A., de Diego-Balaguer R. (2015). Multiple brain nerworks underpinning word learning from fluent speech revealed by independent component analysis. Neuroimage, 110: 182-193

Biau E., Torralba M., Fuentemilla L., de Diego-Balaguer R., Soto-Faraco S. (2015). Speaker's hand gestures modulate speech perception through phase resetting of ongoing neural oscillations. Cortex. 68:76-85

Miró, J., Ripollés, P., López-Barroso, D., Vilà-Balló, A., Juncadella, M., de Diego-Balaguer, R., Marco-Pallarés, J., Rodríguez-Fornells, A., Falip, M. (2014). Atypical language organization in temporal lobe epilepsy revealed by a passive semantic paradigm. BMC Neurology. 14:98

Padrão, G., Penhune, V., de Diego-Balaguer, R., Marco-Pallares, R., Rodriguez-Fornells, A. (2014). ERP evidence of adaptive changes in error processing and attentional control during rhythm synchronization learning. Neuroimage. 100:460–470

López-Barroso, D., Catani, M., Ripollés, P., Dell'Acqua, F., Rodríguez-Fornells, A., De Diego-Balaguer, R. (2013). Word learning is mediated by the left arcuate fasciculus. Proceedings of the National Academy of Sciences, 110(32):13168-73

Sambin S., Teichmann M., de Diego-Balaguer R., Giavazzi M., Sportiche D., Shlenker P., Bachoud-Lévi A.C. (2012). The role of the striatum in sentence processing: disentangling syntax from working memory in Huntington's disease. Neuropsychologia, 50(11):2625-2635

Oyarzún JP, Lopez-Barroso D, Fuentemilla L, Cucurell D, Pedraza C, Rodriguez-Fornells A, De Diego-Balaguer R. (2012) Updating Fearful Memories with Extinction Training during Reconsolidation: a Human Study Using Auditory Aversive Stimuli. PLoS One, 7(6): e38849.

Ripollés P, Marco-Pallarés J, Miró J, de Diego-Balaguer R, Falip M, Juncadella M, Rubio F, Rodriguez-Fornells A. (2012). Analysis of automated methods for spatial normalisation of lesioned brains. Neuroimage, 60(2): 1296-1306.

López-Barroso D., De Diego-Balaguer R.*, Cunillera T., Camara E., Münte T.F., Rodríguez-Fornells A. (2011) Language Learning under Working Memory Constraints Correlates with Microstructural Differences in the Ventral Language Pathway. Cerebral Cortex, 21(12): 2742-2750. *corresponding author

De Diego-Balaguer R., Fuentemilla L., Rodríguez-Fornells A. (2011) Brain dynamics sustaining rapid rule-extraction from speech. Journal of Cognitive Neuroscience. 23(10): 3105-20.

De Diego-Balaguer R. and Lopez-Barroso D. (2010) Cognitive and Neural Mechanisms Sustaining Rule Learning from Speech. Language Learning, 60 (Suppl 2), 151-181

De Diego-Balaguer R., Rodriguez-Fornells, A. (2010) Contributions to the functional neuroanatomy of morphosyntactic processing in L2. Language Learning, 60 (1), 231-259

Rodriguez-Fornells, A., Cunillera, T., Mestres-Missé, A., de Diego-Balaguer, R. Neurophysiological mechanisms involved in language learning in adults. (2009) Philosophical Transactions of the Royal Society B-Biological Sciences, 364, 3711-3735.

De Diego-Balaguer R., Couette M., Dolbeau G., Dürr A., Youssov K., Bachoud-Lévi A.-C. (2008) Striatal Degeneration impairs Language Learning: Evidence from Huntington's Disease. Brain, 131 (11), 2870-2881.

De Gelder B., Van den Stock J., De Diego-Balaguer R., Bachoud-Lévi A.-C. (2008) Huntington's disease impairs recognition of angry and instrumental body language. Neuropsychologia, 46 , 369–373

De Diego-Balaguer R, Toro JM, Rodríguez-Fornells A, Bachoud-Lévi A (2007) Different Neurophysiological Mechanisms Underlying Word and Rule Extraction from Speech. PLoS ONE 2(11): e1175.

De Diego-Balaguer R., Rodríguez-Fornells A., Rotte M., Bahlmann J., Heinze H.J. & Münte T.F (2006) Neural circuits subserving the retrieval of stems and grammatical features in regular and irregular verbs. Human Brain Mapping, 11 (27), 878-888.

Sebastián-Gallés N., Rodríguez-Fornells A., de Diego-Balaguer R., Díaz B. (2006) First and second language phonological representations in the mental lexicon. Journal of Cognitive Neuroscience, 18, 1277-1291.

Rodríguez-Fornells A., de Diego-Balaguer R., Münte T.F. (2006) Executive control in bilingual language processing. Language Learning, 56, 133-190

De Diego-Balaguer R., Sebastián-Gallés N., Díaz B., Rodríguez-Fornells A. (2005) Morphological processing in early bilinguals: An ERP study of regular and irregular verb processing. Cognitive Brain Research, 25 (1), 312-327

De Diego-Balaguer R., Costa A., Sebastián-Galles N., Juncadella M. & Caramazza, A. (2004) Regular and Irregular morphology and its relationship with agrammatism: Evidence from two Spanish/Catalan bilinguals. Brain and Language, 91, 212-222

De Diego-Balaguer R., Costa A., Sebastián Gallés N., Juncadella M. & Caramazza, A. (2004) Regular and Irregular morphology and its relationship with agrammatism: Evidence from Spanish and Catalan. Cortex, 40 (1). 157-158.

Rodríguez-Fornells A., de Diego-Balaguer R. (2004) Comentario acerca de la definición y líneas de investigación propias de la Neurociencia Cognitiva. Cognitiva, 16 (2), 219-225

Book Chapters

De Diego-Balaguer R. Lopez-Barroso D. (2010) Cognitive and Neural Mechanisms Sustaining Rule Learning from Speech. In Gullberg, M. & Indefrey, P. (Eds). The earliest stages of language learning. Oxford: Blackwell Publishers.

Rodríguez-Fornells A., Cunillera T., Mestres A., de Diego-Balaguer R. (2007). Event-related brain potentials applied to the study of language and second-language learning. In T. Cabré Monné (ed.). Lingüística Teòrica: anàlisi i perspectives II (Col·lecció: Monografies de Catalan Journal of Linguistics). Bellaterra

De Diego-Balaguer R. & Bachoud-Lévi, A.-C.(2006) Aspects cliniques et neuropsychologiques de la maladie de Huntington. In Belin, C., Ergis, A.M. & Moreaud, O. (Eds.) Actualités sur les Démences: Aspects Cliniques et Neuropsychologiques. Solal, Marseille.

Rodríguez-Fornells A., de Diego-Balaguer R., Münte T.F. (2006) Executive control in bilingual language processing. In Gullberg, M. & Indefrey, P. (Eds). The cognitive neuroscience of second language acquisition. Oxford: Blackwell Publishers

Handbook Chapter

Bosch L, Colomé A, de Diego-Balaguer R, Rodriguez-Fornells A. (2013). El Lenguaje. In D. Redolar Ripoll & A. Valero-Cabré (Eds.). Neurociencia Cognitiva (Chapter 19). Madrid, Editorial Médica Panamericana.

Bosch L, Colomé A, de Diego-Balaguer R, Rodriguez-Fornells A. (2023). El Lenguaje. In D. Redolar Ripoll & A. Valero-Cabré (Eds.). Neurociencia Cognitiva (Chapter 16). Madrid, Editorial Médica Panamericana.

Science outreach publications

Orpella, J., Assaneo, F., Ripollés, P., De Diego-Balaguer, R. (2019). Repita la sílaba "ta" y le diremos cómo funciona su cerebro. The Conversation, 19 agosto 2019 (http://theconversation.com/repita-la-silaba-ta-y-le-diremos-como-funciona-su-cerebro-118880)

López-Barroso, D., De Diego-Balaguer, R. (2017). Aprendiendo sin prestar atención: ¿Qué aprendemos realmente? Ciencia Cognitiva. (http://www.cienciacognitiva.org/?p=1538)

López-Barroso, D., De Diego-Balaguer, R. (2014). Conexiones en el hemisferio izquierdo cerebral relacionadas con el aprendizaje de palabras. Mente y Cerebro.

López-Barroso, D., Rodríguez-Fornells, A., De Diego-Balaguer, R. (2013). El aprendizaje de palabras depende de una buena conexión entre regiones del hemisferio izquierdo. Ciencia Cognitiva. (http://medina-psicologia.ugr.es/cienciacognitiva/?p=785)

De Diego-Balaguer R. (2005). Maladie de Huntington et langage. Bulletin de l'Association Huntington France, 55. Special Issue.

CONGRESS AND WORKSHOPS (last 5 years)

International Events

Sanahuja, N., de Diego-Balaguer R., Erdozia K. (June 2023). The facilitative role of cognates and cross-linguistic syntactic similarity in initial L2 syntax learning. International Symposium of Psycholinguistics. Vitoria, Spain.

López-Martos, D., de Diego-Balaguer, R. (March 2023) Linguistic selection alteration in Huntington's Disease: ecological oral language production reveals evidence through lexical diversity algorithms. Mind, Brain, Body Symposium, Nijmegen. The Netherlands.

Sierpowska, J. & Lizarazo, D., de Diego-Balaguer, R., Càmara, E. (November 2022) Cognitive control and pre(SMA) white matter in Huntington's Disease -Left frontal aslant tract (FAT) preliminary results. International Multi-brain Barcelona Conference, Barcelona. Spain.

Quintero-Manes, B., Chica, A.B., Càmara, E., de Diego-Balaguer, R. (October 2022) Temporal attention and the role of left frontoparietal network in the generalization of linguistic rules: a combined fMRI-TBS investigation. REUNIÓN CIENTÍFICA SOBRE ATENCIÓN, RECA XIII, Granada. Spain.

Domingo-Ayllón, M., Garcia-Gorro, C. Martínez-Horta, S., Pérez-Pérez, J., Kulisevsky, J., Rodriguez-Dechichá, N., Vaquer, I., Subirá, S., Calopa, M., Muñoz, E., Santacruz, P., Ruiz-Idiago, J., Mareca, C., de Diego-Balaguer, R., Càmara, E. (September 2022) Temporo-spatial structural characterization of deep white matter tracts across the spectrum of Huntington's disease. EHDN Plenary Meeting, Bologna. Italy.

Giannelli, F., Duato, D., de Diego-Balaguer, R., Pérez-Bellido, A. (June 2022) Crossmodal statistical learning is facilitated by modality predictability. Statistical Learning Conference, San Sebastian. Spain.

Quintero-Manes, B., Chica, A.B., Càmara, E., de Diego-Balaguer, R. (May 2022) Atendiendo al ritmo: predicción temporal y atención selectiva para el aprendizaje del lenguaje. V Jornadas de Investigación CIMCYC, Granada. Spain.

Orpella, J., Assaneo, M.F., Ripollés, P., Noejovich, L., López-Barroso, D., Poeppel, D., de Diego-Balaguer, R. (2022). Attention Boosts Audio-motor Synchronization. SEPEX-APPE Meeting, Porto, Portugal. (Talk)

Soberats-Garau, C.; Cucurell, D., Hinzen, W., de Diego-Balaguer, R. (October 2021) Grammatical meaning configuration: an ERP study with neurotypical and Williams syndrome population. CuttingEEG 2021 Aix-en-Provence. France.

Domingo-Ayllón, M., Garcia-Gorro, C. Martínez-Horta, S., Pérez-Pérez, J., Kulisevsky, J., Rodriguez-Dechichá, N., Vaquer, I., Subirá, S., Calopa, M., Muñoz, E., Santacruz, P., Ruiz-Idiago, J., Mareca, C., de Diego-Balaguer, R., Càmara, E. (September 2021) Tracking the neurodegeneration pattern of the anterior thalamic radiations in HD: a focus on brain iron, white matter integrity and metabolites. EHDN 2021 - European Huntington's Disease Network. Germany.

Audrey E De Paepe, Alexia Giannoula, Ferran Sanz, Laura Furlong, Clara Garcia-Gorro, Saül Martinez-Horta, Jesus Perez-Perez, Jaime Kulisevsky, Nadia Rodriguez-Dechicha, Irene Vaquer, Susana Subira, Matilde Calopa, Esteban Muñoz, Pilar Santacruz, Jesus Ruiz-Idiago, Celia Mareca, Ruth de Diego-Balaguer, Estela Camara (2021) Unsupervised clustering reveals longitudinal psychiatric signatures in HD. EHDN Meeting.

Montserrat Domingo Ayllón, Clara Garcia-Gorro, Saül Martinez-Horta, Jesus Perez-Perez, Jaime Kulisevsky, Nadia Rodriguez-Dechicha, Irene Vaquer, Susana Subira, Matilde Calopa, Esteban Muñoz, Pilar Santacruz, Jesus Ruiz-Idiago, Celia Mareca, Ruth de Diego-Balaguer, Estela Camara (2021) Tracking the neurodegeneration pattern of the anterior thalamic radiations in HD: a focus on brain iron, white matter integrity and metabolites. EHDN Meeting.

Joan Birulés, Anna Martínez, David Lewkowicz, Ruth de Diego-Balaguer and Ferran Pons (2021) Selective attention to a talker's mouth facilitates non-adjacent dependency learning in 15-month-old infants. LCICD 2021 (The 6th Lancaster Conference on Infant and Child Development).

De Paepe, A.E.; García-Gorro, C.; Martinez-Horta, S.; Perez-Perez, J.; Kulisevsky, J.; Rodriguez-Dechicha, N.; Vaquer, I.; Subira, S.; Calopa, M.; Santacruz, P.; Muñoz, E.; Mareca, C.; Ruiz-Idiago, J.; de Diego-Balaguer, R.; Camara, E. (May 2021) Decoupled and disengaged: Distinct functional cortico-striatal circuits underlie apathy domains in Huntington's disease. International Society for Magnetic Resonance in Medicine. USA.

Assaneo MF, Ripolles P, Orpella J, de Diego-Balaguer R & Poeppel D. (2019) Spontaneous speech synchronization predicts the engagement of a fronto-parietal network that supports word-learning and reflects individual differences. 25th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, USA.

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F. & de Diego-Balaguer, R. (2019). Neural networks of non-adjacent rule learning in infancy. Society for the Neurobiology of Language (SNL) 9th Annual Meeting, August 20-22, Helsinki, Finland. (Talk)

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F. & de Diego-Balaguer, R. (2019). Neural basis of prosodic cues supporting non-adjacent rule learning in infancy. Brain, Language and Learning (BLL) Conference, September 26-28, Siena, Italy. (Talk)

Giannelli, F., de Diego Balaguer R. (2019). Prediction through multimodal rhythm in artificial language learning. Brain, Language and Learning Conference, Siena, Italy, September, 26th-28th, 2019.

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F. & de Diego-Balaguer, R. (2019). Prosodic cues enhance non-adjacent rule learning in infancy. Boston University Conference on Language Development (BUCLD), November 7-10, Boston, USA.(Poster)

Assaneo MF, Ripolles P, Orpella J, de Diego-Balaguer R & Poeppel D. (2018) Spontaneous speech synchronization predicts neurophysiology, brain anatomy and language learning. 48th SfN Annual Meeting, San Diego, CA, USA.

Assaneo MF, Ripolles P, Orpella J, de Diego-Balaguer R & Poeppel D. (August 2018) Spontaneous synchronization to speech reveals neural mechanisms facilitating language learning. 10th Annual Meeting of the Society for the Neurobiology of Language, Quebec, Canada. (Talk)

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F., de Diego-Balaguer, R. (2018). Neural basis of attention cues assisting grammar learning in preverbal infants. fNIRS2018, biennial meeting of the Society for fNIRS. Tokyo, Japan.

Martinez-Alvarez, A., Ripollés, P., Sanz-Torrent, M., Pons, F. & de Diego-Balaguer, R. (2018). Language rule learning is associated with flexible mechanisms of temporal attention: Evidence from adults, typically developing children and children with language impairment. [Oral presentation] XII Congreso de la Sociedad Española de Psicología Experimental (SEPEX), July 3-6, Madrid, Spain.

Martinez-Alvarez, A., Mohammad, T., Garcia-Gorro, C., Orpella-Garcia, J., Callejas, A., Camara, E., de Diego-Balaguer, R. (2018). Explicit and Implicit Timing Deficits in Huntington´s Disease. XII Congreso de la Sociedad Española de Psicología Experimental (SEPEX), July 3-6, Madrid, Spain.

Martinez-Alvarez, A., Ripollés, P., Sanz-Torrent, M., Pons, F. & de Diego-Balaguer, R. (2018). Temporal orienting of attention supports non-adjacent rule learning: evidence from adults, typically developing children and children with Specific Language Impairment. Bridging Attention and Prediction Workshop, Februrary 6th and 20th, Barcelona, Spain.

Martinez-Alvarez, A., Gervain, J., Koulaguina, E., Pons, F., de Diego-Balaguer, R. (2018). Neural networks engaged when exogenous prosodic cues enhance rule learning in infants. First Joint Congress of the SEPEX

(Sociedad Española de Psicología Experimental), SEPNECA (Sociedad Española de Psicofisiología y Neurociencia Cognitiva y Afectiva) and AIP experimental (Associazione Italiana di Psicologia). Madrid, Spain.

Koulaguina, E. & de Diego-Balaguer, R. (2018). Bridging prediction and attention: The role of input variability and acoustic cues in the learning of hierarchically organized language structures. Bridging Attention & Prediction Workshop. Barcelona, Spain.

Daniel Duato-Catalán, R. de Diego-Balaguer, A. Pérez-Bellido (2018). Statistical regularities are explicitly learned within but not between sensory modalities. Barcelona Computational, Cognitive and Systems Neuroscience (BARCCSYN). May 24 and 25, Barcelona 2018.

Daniel Duato-Catalán, R. de Diego-Balaguer, A. Pérez-Bellido (2018). Statistical regularities are explicitly learned within but not between sensory modalities. Sepex - Sepneca – Aipexperimental. July 3-6, UNED, Madrid 2018.

Francesco Giannelli, Ruth de Diego Balaguer (2018). Prediction through rhythm in language rule learning. 1st international workshop on Predictive Processing", Donostia/San Sebastian , Spain, June 20th-22nd, 2018. BCBL (Basque center of Cognition, Brain and Language)

Orpella, J., Mas-Herrero, E., Ripollés, P., Marco-Pallarés, J. and de Diego-Balaguer, R. (2018). Striatal contributions to prediction-based rule learning from speech. European Workshop on Cognitive Neuropsychology. Bressanone, IT, January 22-26. (Poster)

Orpella, J., Mas-Herrero, E., Ripollés, P., Marco-Pallarés, J. and de Diego-Balaguer, R. (2018). Striatal contributions to prediction-based rule learning from speech. Bridging prediction and attention. Barcelona, ES, February 6th and 20th. (Poster)

Organization of Scientific Events

International SEPEX-APPE Meeting. 5-7 May 2022. Faro, Portugal.

Jornadas Virtuales SEPEX 2021. (April 2021).(online).

Prediction Workshop. (December 2018), Max-Planck Institute for Psycholinguistics Nijmegen, The Netherlands.

Bridging Attention and Prediction International Workshop (February 2018). Barcelona, Spain.

Beyond Language Learning International Workshop (September 2016). Barcelona, Spain

Symposium "Timing and Language" at the congress of the European Society of Cognitive Psychology (ESCoP) co-organised with Sonja Kotz. (2011). San Sebastian, Spain.

TEACHING

2005-2006	Introduction to Cognitive Psychology: Preparation of the new course for the Département d'Etudes Cognitives (ENS, Paris): 28 hours
2005-2006	Cognitive Science Seminars: Mechanisms of Rule learning. Département d'Etudes Cognitives (ENS, Paris): 28 hours
From 2006	Introduction to Neuropsychology and Cognitive Sciences. Fac. of Medicine, University Paris XII (1 module: 3 hours)
2007-2010	The Role of the Basal ganglia in language processing: 1 module in the course Cognitive Neuroscience Seminars. Fac. Psicologia, Universitat de Barcelona (2 hours)
From 2007	Introduction to Cognitive Neuropsychology. Cogmaster. Ecole Normale Supérieure. (6 hours)
2007-2009	Communication et Culture Scientifique Cognition et Société. Ecole Normale Supérieure. (2 hours)

2008	Cognitive and neural mechanisms underlying rule-learning from speech. Master de Neurociències. Universitat de Barcelona. (2 hours)
From 2009	Minds, Brains and Machines (Master in Artificial Intelligence). Universitat Politècnica de Catalalunya. (4.5 hours and coordination of the course).
From 2010	Cognitive Neuroscience Course. Research Master in Cognition and Behaviour, Universitat de Barcelona (6 hours)
From 2013	Advances in Memory and Language. Research Master in Cognition and Behaviour. Universitat de Barcelona (12 hours).
April 2014	Neurocognition of Language. Master in Linguistics. Universidad del Pais Vasco (20 hours).

SUPERVISIONS

Post-doctoral supervisions

Francesco Giannelli, Elena Kulagina, Julià Amengual, Pablo Ripollés, Alicia Callejas, Gemma Monté, Joanna Sierpowska (MSCF).

PhD Thesis supervised

2011	Sara Sambin (Université Paris-Est Créteil, France). Co-supervised with AC Bachoud-Lévi
2013	Diana Lopez-Barroso (Doctorat de Neurociencia. Dept Psicologia Básica. Universitat de Barcelona). – *Premio Nacional Clara Campoamor 2023*
2017	Javiera Oyarzún (Doctoral Program in Personality and Behaviour. Dept of Cognition, Development and Educational Psychology. Universitat de Barcelona). Co-supervision with Dr. Lluis Fuentemilla, UB). – *Ph.D Dissertation Extraordinary Award*
2018	Anna Martínez-Alvarez (Doctoral Program in Brain, Cognition and Behaviour. D Dept of Cognition, Development and Educational Psychology. Universitat de Barcelona). Co-supervised with Dr. Ferran Pons, UB.
2019	Clara García-Gorro (Doctoral Program in Neuroscience. Dept of Cognition, Development and Educational Psychology, University of Barcelona). Co-supervised with Dr. Estela Càmara, IDIBELL. – *Ph.D Dissertation Extraordinary Award*
	Joan Orpella (Doctoral Program in Brain, Cognition and Behaviour. Dept of Cognition, Development and Educational Psychology. Universitat de Barcelona).

Ongoig PhD Thesis

From 2018	Clara Soberats. Universitat Pompeu Fabra (co-supervision with Wolfram Hinzen, UPF)
From 2022	Brian Quintero Manel. Univesity of Barcelona
From 2023	Bianca Franzoia. University of Barcelona

Master's Thesis

2006	Mathilde André (Master in Neurosciences, Paris XII, Créteil).
2008	Elisângela Teixeira (Ecole Normale Supérieure, Paris, France).
2009	Diana Lopez-Barroso (Dep. Psicologia Bàsica, Universitat de Barcelona)
2010	Ernest Mas (Master de Investigación en Personalidad y comportamiento, Universitat de Barcelona)
2010	Sébastien Isère (Master de Neuropsychologie, Paris V, France)
	François Le Corre (Master in Cognitive Sciences, ENS, Paris)

2011	Javiera Oyarzún (Research Master in Cognition and Behaviour, Universitat de Barcelona)
2013	Patricia Pastoriza (Master in Language and Cognitive Science, UB)
2015	Thomas O'Rourke (Master in Language and Cognitive Science, UB)
	Joan Orpella (Research Master in Cognition and Behaviour, UB)
2017	Ivonne Heidemann (Vrije Universiteit Amsterdam. The Netherlands)(Erasmus+)
	Zainab Abbas (Université de Strasbourg, France)(Erasmus+)
	Tabinda Mohammad (Université de Caen, France)(Erasmus+)
2018	Dounia Droubi (Univerisité Polytechnique de Lausanne, Switzerland)
	Mireille Mohamad (University of Bordeaux, France)(Erasmus+)
2019	Laura Fornari (University of Pisa, Italy)(Erasmus+)
2022	Dimitri Prica (Universitat de Barcelona)
	Alicia Macià Mendiola (Universitat de Barcelona)
2023	David López Martos (Universitat de Barcelona)

Visiting students

Post-Graduate

2020	Audrey DePaepe, Pomona College, (USA) (2 months). Fulbright Fellowship
2022	Bianca Franzoia (University of Padova, Italy)(4 months).

Graduate

2020	Irene Acero, Universitat Politècnica de Catalunya (Treball final de Grau, supervised by Estela Camara)
2017	Erim Kizildere, Koç University, Istanbul (Turkey) (2 months)

Undergraduate

2017	Patricia Stumpfe, University of Viena (Austria) (2 months)
	Deirdre Lanski, The Royal College of Surgeons (Ireland) (2 month)
	Audrey DePaepe, Pomona College, (USA) (2 months). Fulbright Fellowship.

INVITED TALKS

April 2008. Possible applications of cognitive neuroscience to the study of psychiatric disorders. Jornades de psiquiatria. Hospital d'Igualada, Spain

April 2008. Integration of Neurophysiological and Lesional Techniques in Language Research. Jornades del CRAMC. Universitat Rovira i Virgili. Tarragona, Spain.

April 2009. Cognitive and Neural mechanisms sustaining rule-learning from speech. Neurospin, Saclay, France

October 2009. The earliest stages of language learning. A. Guiora Roundtable Conference Series in Cognitive Neuroscience of Language. Max Plank Institute for Psycholinguistics. Nijmegen, The Netherlands

June 2011. Factors influencing morphosyntactic acquisition in L2. International Morphological Processing Workshop. San Sebastian, Spain.

June 2011. Prosodic cues as attentional markers for rule extraction. Department of Linguistics. New York University, USA.

September 2011. Prosodic cues as attentional markers for learning. ESCOP Congress, San Sebastian, Spain.

October 2011. The role of attention in language learning. Department of Linguistics, Lund University. Sweden.

October 2011. Subcortical structures and pathways involved in the earliest stages of language acquisition. Lund University. Bioimaging Center, Sweden.

February 2012. Subcortical structures and pathways involved in the earliest stages of language acquisition. Department of Linguistics, University of Barcelona.

May 2012. A Multimodal Imaging Approach to Delineate Emotional, Motor and Cognitive Cortico-striatal Pathways. Meeting of the Spanish European Huntington's Disease Network (EHDN).

October 2012. The dorsal pathway as the interface between attention and language during language learning. ICREA International Symposium on Biolinguistics, Barcelona.October 2014. Brain structural and functional differences associated to language learning abilities. Instituto de Investigación Biomédica de Málaga (IBIMA), Spain.

February 2015. Brain Connectivity Related to Working Memory and Attention during Language Learning. Rice University, Houston, Texas

June 2015. Learning What and When to Attend in Language Learning. Workshop on Second Language Processing. Barcelona, Spain

December 2015. Prediction and Attention in Language Learning. Basc Center on Cognition, Brain and Language. San Sebastian, Spain

February 2016. Prediction and Attention in Language Learning. Biolinguistics Initiative. Department of Linguistics. University of Barcelona

February 2016. Dissociating Prediction and Attention Components in Language Learning. Laboratoire de Psychologie Cognitive, CNRS/Aix-Marseille Université.

June 2017. Attention through Prediction: a Two-stage Language Learning Mechanism. University of Utrecht, The Netherlands.

December 2017. Tuning of Attention as a Language Learning Mechanism. University of Aarhus. Denmark.

September 2018. Attention through Prediction: A Two-Stage Language Learning Mechanism. MPI Colloquium Series, Max Planck Institute, Nijmegen. The Netherlands.

August 2018. Language Learning in interaction: Working memory and Attention contributions. Cold Spring Harbor. New York, USA

November 2018. The role of temporal orienting development in language acquisition. Language Development Group. Max Plank Institute, Nijmegen. The Netherlands

September 2019. Mechanisms of Prediction when Learning Language. The Predictive Brain Conference. Institut de Neuroscience des Systèmes. Marseille. France

June 2021. Workshop on Statistical Learning. University of Amsterdam. The Netherlands.

July 2021. From Input Statistics to Abstract Knowledge Learning from Speech. BARCCYN Conference, Barcelona. Spain.

November 2021. From statistical relations to abstract rule learning. The Arctic University of Norway.

April 2022. A Multimodal Approach to the Study of Language Learning. EMLAR XVIII workshop, Utrecht. The Netherlands (online)

May 2022. Attention Boosts Audio-Motor Synchronisation. SEPEX-APPE conference, Faro. Portugal.

December 2022. In the right place, at the right time: temporal expectations modulate language learning. Center for Brain and Cognition, Universitat Pompeu Fabra, Barcelona. Spain.

June 2023. Mind and Matter Conference. 6-8 June, University of Helsinki.

Keynote Speaker

May 2014. Brain structural and functional differences associated to language learning abilities. MicroL (Microstructures of Learning: Novel methods and approaches for assessing structural and functional changes underlying knowledge acquisition in the brain). Lund, Sweden.

July 2015. Cognitive and Brain Mechanisms in the Early Stages of Language Learning. 12th International Symposium of Psycholinguistics. Valencia, Spain

October 2017. Temporal Attention in Language Learning. Reunión Científica sobre Atención (RECA). Baeza, Spain.

September 2018. Audio-motor Integration Sustains Learning of New Word Forms. BrainCom Summerschool. Barcelona.

June 2021. Mechanisms of Audio-motor Integration in Language Learning. 40th Anniversary of the Max Planck Institute for Psycholinguistics, Nijmegen. The Netherlands.

July 2021. From Input Statistics to Abstract Knowledge Learning from Speech. BARCCSYN Conference. Barcelona.

PATENTS

De Diego Balaguer, Dupoux E, Bachoud-Lévi AC. CogRT-kit: Brief test for complete cognitive neuropsychological assessment 20/08/2008 French APP deposit (IDDN.FR.001.340011.000.S.P.2008.000.31230).

REVIEW ACTIVITIES

Coaching: AGAUR and MINECO for ERC-StG applications; ERC applications mentoring for the Institute of Neuroscience.

Scientific Boards: Ramon y Cajal scientific board (2009 call); Scientific board for the I+D projects of the Ministerio de Ciencia e Innovacion (2010, 2014); Member for the committee for the Award of the Societat Catalana de Neuropsicologia (2016), Panel Member of the ERC-Starting Grant committee SH4 2018, 2020, 2022.

Referee for: Research Foundation – Flanders *(FWO);* Wallenberg academy fellowship (Sweeden); Fundació "La Caixa" Post-graduate Fellowships. ANEP project reviewer for I+D (since 2008) and Health: FIS (2014) projects, coaching session for ICREA's ERC Grant applications (2013); coaching session for AGAUR for ERC Grant applications (2015), Ad-hoc reviewer for ERC Advanced Grants 2019; Agencia Andaluza del Conocimiento 2020, PRIN Italy 2021.

Journal reviewer for: PNAS, Scientific Reports, Brain, Cerebral Cortex, Cortex, Neuroimage, Movement Disorders, PloS One, Brain Research, Applied Psycholinguistics, Psychophysiology, Language and Cognitive Processes, J of Experimental Psychology: HPP; Journal of Cognitive Psychology; Brain Structure and

Function, Language Learning and Development; Frontiers in Human Neuroscience, Frontiers in Psychology, etc.

Editorial Board: eLife, PLoS Biology, PLoS One, Bilingualism: Language and Cognition; Frontiers in Psychology; Frontiers in Human Neuroscience.

PhD Thesis committees (last 5 years)

2018   Julia Monte, Departament de Tecnologies de la Informació, Universitat Pompeu Fabra; Alejandro Coello, University of Barcelona, Fac Medecine; Lydia Viñals-Castonguay, Lucy Cavendish College, Department of Theoretical and Applied Linguistics, University of Cambridge, UK

2019   Irene Torres, Departament de Tecnologies de la Informació, Universitat Pompeu Fabra; Clara Sanches. Institut de Cerveau et de la Moelle Épinière (ICM), INSERM / Paris 5 Sorbonne, Paris, France

2020   Imme Lammertink, Amsterdam Center for Language and Communication, University of Amsterdam, The Netherlands

OUTREACH ACTIVITIES (last 5 years)

2018   Advisor for the itinerant Exposition *Talking Brains* (CosmoCaixa Science Museum, Barcelona)

11/02/2019   Round Table organised by The Institute of Neuroscience of the University of Barcelona for the International Day of Women and Girls in Science

23/02/2019   sLHam talk for the International Day of Women and Girls in Science organised by IDIBELL and CMRB

09/01/2020   Radio interview in "la Tarde en la COPE"

14/10/2021   Talk for the Jornada de Sociedades COSCE (Confederacy of Spanish Scientific Societies). "Aplicaciones de la inteligencia artificial al estudio de la dinámica cerebral y sus alteraciones"

2021   Talk in the Mentoring workshop organized by the Institute of Neurosciences of the University of Barcelona

19/01/2022   Collaboration with the study Women in Science (Ajuntament de Barcelona)

08/04/2022   Collaboration for the development of a mentoring program from the Unidad de Mujeres y Ciencia (UMyC, Ministerio de Ciencia e Innovación)

10/02/2023   100tífiques (Women Scientists at schools) initiative (organised by Fundació Catalana per a la Recerca i la Innovació (FCRI) and the Barcelona Institute of Science and Technology (BIST), in collaboration with the Departament d'Educació de la Generalitat de Catalunya.)

08/05/2023   Radio interview in Radio Clásica, Programa Longitud de onda.

24/05/2023   Talk for "Pint of Science"

SHORT STAYS IN OTHER LABORATORIES

- Max Planck Institute of Psycholinguistics, Nijmegen hosted by Peter Hagoort // Donders Center for Cognition and Neuroimaging hosted by Floris de Lange (September-December 2018)

- Dept of Linguistics, New York University, New York (USA) hosted by Lisa Davidson (May-June 2011).

- Dept. of Neuropsychology at the Otto-Von-Guericke Universität, Magdeburg (Germany) hosted by Prof. T. Münte (March- April 2006).

During the PhD

- Dept. of Neuropsychology at the Otto-Von-Guericke Universität, Magdeburg (Germany) hosted by Prof. T. Münte (January – May 2003).

- Dept. of Cognitive Sciences Johns Hopkins University, Baltimore (United States) hosted by Dr. Brenda Rapp (Sept. 2001- Dec. 2001).

- MRC - Cognition and Brain Sciences Unit, Cambridge (UK) hosted by Prof. W. Marslen-Wilson (Sept. 1999 – Dec. 1999)