

Curriculum Vitae

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Berufliche Tätigkeiten

- seit Juni 2013 Wissenschaftlicher Mitarbeiter und Neuropsychologe an der Gedächtnissprechstunde der Charité - Universitätsmedizin Berlin. Klinik für Psychiatrie und Psychotherapie. Seit Mai 2017 zudem wissenschaftlicher Mitarbeiter am Deutschen Zentrum für Neurodegenerative Erkrankungen (DZNE), Charité - Universitätsmedizin Berlin. Forschungsthema: Implementierung von neuen Methoden zur Frühdiagnostik und Vorhersage des Krankheitsverlaufs von neurodegenerativen Erkrankungen bei Patienten mit leichter kognitiver Störung und leichtem dementiellem Syndrom.
- 2008 - 2012 Wissenschaftlicher Mitarbeiter der Arbeitsgruppe Neuropsychologie des Bereichs Methodenlehre, Universität Valencia. Forschungsthema: Wiedererkennungsleistung (experimentelle Neuropsychologie & ERP) bei gesunden Probanden, Patienten mit leichter kognitiver Störung, Alzheimer-Demenz, Morbus Parkinson, Parkinson-Demenz und Lewy-Körper-Demenz.
- 2008 - 2010 Klinischer Neuropsychologe in den Krankenhäusern Juan Llorens und Aldaia (Valencia).
- 2006- 2007 Wissenschaftlicher Mitarbeiter im Labor für Neurowissenschaften und Neuroimaging des lehrmedizinischen Dienstes, Universität Genf. Forschungsthema: Manuelle Segmentierung und volumetrische Analyse des Gehirns & Eye-Tracking Analyse des Benton-Visual-Retention-Test bei Patienten mit Velo-cardio-fazialelem Syndrom.

Ausbildung

- Ab Oktober 2016 Promotionsstudium (Dr. rer. medic.) an der Charité – Universitätsmedizin Berlin.
- 2008 - 2010 Master of Advanced Studies (*Diploma de Estudios Avanzados, DEA*) in Neurowissenschaften an der Universität Valencia.
- 2007- 2009 Master mit Weiterbildung in klinischer Neuropsychologie (ISEP, Valencia). 500 Std. Theorieunterricht, 400 Std. praktische Tätigkeit und 100 Std. Supervision. Das Ausbildungsprogramm entspricht den Richtlinien der *Houston Conference*.
- 2006-2009 Praktikum in der Neuropsychologie folgender Krankenhäuser: Kantonsspital Genf, Universitätsspital Lausanne, Stella Maris Clinical Research Institute for Child and Adolescent Neuropsychiatry (Pisa), Hospital General Universitario, Hospital Clínico Universitario sowie Hospital Valencia el Mar (Valencia) und in der Neuroradiologie des Hospital Universitario Dr. Peset (Valencia).
- 2005-2006 Diplomarbeit am Lehrstuhl für kognitive Neuropsychologie und Psychopathologie der Universität Genf. Forschungsthema: Zusammenhang zwischen Dimensionen der Impulsivität und Entscheidungsfindung, gemessen durch experimentelle neuropsychologische Aufgaben.
- Mitglied des "Neuroclub UNIGE". Department of Basic Neuroscience. Medizinische Fakultät Genf.
- 2001- 2006 Psychologiestudium an der Universitäten Valencia, Paul-Valéry Montpellier III, Sciences et Techniques Montpellier II und Genf. Schwerpunkte: Neurowissenschaften und Neuropsychologie.

Publikationen

- Neurogranin and BACE1 in CSF as Potential Biomarkers Differentiating Depression with Cognitive Deficits from Early Alzheimer's Disease: A Pilot Study. Schipke CG*, De Vos A*, **Fuentes M**, Jacobs D, Vanmechelen E, Peters O. *Dementia and Geriatric Cognitive Disorders*. 2018; 8:277–89.
- Left frontal hub connectivity delays cognitive impairment in autosomal-dominant and sporadic Alzheimer's disease: Results from the DIAN & DELCODE studies. Franzmeier N, Düzel E, Jessen F, Buerger K, Levin J...**Fuentes M**... Ewers M. *Brain*. 2018; 141(4):1186-1200
- Design and first baseline data of the DZNE multicenter observational study on predementia Alzheimer's disease (DELCODE). Jessen F, Spottke A, Boecker H, Brosseron F, Buerger K...**Fuentes M**... Düzel E. *Alzheimer's Research & Therapy*. 2018; 10:15
- Raumforderung und primär progressive Aphasie. **Fuentes M**, Svergun S, Hauser D, Peters O. *NeuroTransmitter*. 2017; 28 (12): 25–31.
- Combined treatment with memantine and galantamine-CR compared with galantamine-CR only in antedementia drug naïve patients with mild to moderate Alzheimer's disease. Peters O, **Fuentes M**, Joachima LK, Jessen F, Luckhaus C, Kornhuber J, Pantel J, Hüll M,...Heuser I. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*. 2015; 1 (3): 198-204
- Auf hohem Niveau: Risiko Gedächtnissorgen. Borner M, **Fuentes M**, Peters O. *NeuroTransmitter*. 2015; 26 (9): 41–45.
- On familiarity deficits in mild cognitive impairment: a reply to Migo and Westerberg. Algarabel S, **Fuentes M**, Escudero J. *Aging, Neuropsychology, and Cognition*. 2013; 21 (04): 437–43.
- Recognition Memory deficits in mild cognitive impairment. Algarabel S, **Fuentes M**, Escudero J, Pitarque A, Peset V, Mazón JF, Meléndez JC. *Aging, Neuropsychology, and Cognition*. 2012; 19 (05): 608–19.
- Recognition by familiarity is preserved in Parkinson's without dementia and Lewy-Body disease. Algarabel S, Rodríguez LA, Escudero J, **Fuentes M**, Peset V, Pitarque A, Combata LM, Mazón JF. *Neuropsychology*. 2010; 24 (5): 599–607.
- Familiarity-based recognition in the young, healthy elderly, mild cognitive impaired and Alzheimer's patients. Algarabel S, Escudero J, Mazón JF, Pitarque A, **Fuentes M**, Peset V, Lacruz L. *Neuropsychologia*. 2009; 47 (10): 2056–64.

Poster und Vorträge

- Correlating Neuropsychological Tests with Cerebrospinal Fluid to Discriminate AD from Depression. Alzheimer's Association International (AAIC) Conference. Chicago (USA). Juli, 2018. Menne F, Klostermann A, **Fuentes M**, Peters O.
- Neuropsychometric tests validated by CSF-biomarkers to detect AD pathology in patients with depressive symptoms. 13th Alzheimer's & Parkinson's Diseases (AD/PD) Congress. Vienna (Austria). March, 2017. Menne F, Klostermann A, Haas B, **Fuentes M**, Peters O.
- Neuropsychological tests validated by CSF-biomarkers to distinguish between cognitive deficits due to or independent from AD in patients presenting with depressive symptoms. 8th Clinical Trials on Alzheimer's Disease (CTAD) conference. San Diego (USA). December, 2016. Peters O, Menne F, **Fuentes M**, Haas B, Heuser I.
- The ratio of neurogranin/BACE1 in CSF facilitates clinical assignment of cognitive dysfunction in mild AD and depressed patients without AD. Alzheimer's Association International (AAIC) Conference. Toronto (Canada). Juli, 2016. Schipke CG, **Fuentes M**, De Vos A, Jacobs D, Van den Abbeele L, Vanmechelen E, Peters O. *Alzheimer's & Dementia*. 2016; 12(7): 200–01.
- Levels of astrocyte-derived proteins increase in the cerebrospinal fluid of Alzheimer's disease patients and inversely correlate with cognitive performance. 60th Annual Meeting of the German Society for Neuropathology and Neuroanatomy (DGNN). Berlin (Germany). August, 2015. Schipke C, **Fuentes M**, Megges H, Heppner F, Peters O.
- Anterograde amnesia with fornix damage following removal of third ventricle colloid cyst: Neuropsychological study and neuroimaging. 63th Annual Meeting of the Spanish Society of Neurology. Barcelona (Spain). November, 2011. Espert R, Algarabel S, Alberich A, Martí-Bonmatí L, **Fuentes M**, Charquero M, Meléndez JC, Navarro E, Sales A.

- Relational memory deficits in patients suffering from mild cognitive impairment. 63th Annual Meeting of the Spanish Society of Neurology. Barcelona (Spain). November, 2011. Sales A, **Fuentes M**, Escudero J, Algarabel S, Peset V, Mazon J, Pitarque A.
- Case report: Cognitive impairment after fornix section. 4th Annual Conference of the Spanish Society of Neuropsychology. Valencia (Spain). October, 2011. Franco A., Charquero M., **Fuentes M.**, Sales A., Algarabel S., Espert R. y Melendez, JC.
- Differences in familiarity as a function of cognitive reserve in healthy elderly people. 7th Congress of European Union Geriatric Medicine Society (EUGMS)/ 53rd Congress of the SEGG / 32nd Congress of the SAGG. Málaga (Spain). September, 2011. Sales A, Mayordomo T, Melendez JC, Algarabel S, Navarro E, Mayordomo T, **Fuentes M.** *European Geriatric Medicine 25 (2011) S24–S206.*
- Recognition memory deficits in mild cognitive impairment. 7th Congress of the European Union Geriatric Medicine Society (EUGMS)/ 53rd Congress of the SEGG / 32nd Congress of the SAGG. Málaga (Spain). September, 2011. Sales A, Mayordomo T, Melendez JC, Algarabel S, Navarro E, **Fuentes M.** *European Geriatric Medicine 25 (2011) S24–S206.*
- Recognition by familiarity in Parkinson's and Lewy-Body disease patients. 1st Joint Conference of the Experimental Psychology Society (EPS) and the Spanish Society of Experimental Psychology (SEPEX). Granada (Spain). April, 2010. Combata LM, Algarabel S, Rodríguez LA, Escudero J, **Fuentes M**, Peset V, Pitarque A, Mazón J. *The Quarterly Journal of Experimental Psychology 2010; 63 (12), 2452– 2480.*
- Familiarity-based recognition in multidomain amnesic and nonamnesic cognitive impaired patients: A follow-up retest. The Alzheimer's Association International Conference on Alzheimer's Disease (ICAD). Vienna (Austria). July, 2009. Algarabel S, Escudero J, Mazón JF, Pitarque A, **Fuentes M**, Peset V, Lacruz L. *Alzheimer's & Dementia. 2009; 5 (4): 359–60.*
- Scanpath variation in individuals with 22q11.2 deletion syndrome during the Benton Visual Retention Test. 16th Annual International Scientific Meeting of the VCFS Educational Foundation. Rome (Italy). July, 2009. Ottet MC, Glaser B, **Fuentes M**, Pasca C, Chabloz M, Debbané M, Eliez S.
- The role of automatic components in explicit recognition tasks. 7th Scientific Meeting on Attention. Spanish Society of Experimental Psychology (SEPEX). Granada (Spain). April, 2009. Algarabel S, Escudero J, Rodriguez L, Peset V, **Fuentes M**, Combata LM, Pitarque A.
- Familiarity-based recognition in dementia associated with Parkinson's disease and Lewy Body dementia. 26th Annual Meeting of the Valencian Society of Neurology. Benidorm (Spain). March, 2009. **Fuentes M**, Rodríguez L, Mazón J, Escudero J, Peset V, Pitarque A, Algarabel S.
- Familiarity-based recognition in patients with Parkinson's disease. 60th Annual Meeting of the Spanish Society of Neurology. Barcelona (Spain). November, 2008. Rodríguez L, Combata LM, Escudero J, Algarabel S, Pitarque A, **Fuentes M**, Mazón J.

Lehre

- Neuroimaging in secondary dementias. Department of Developmental Psychology. Faculty of Psychology. University of Valencia. May, 2010.
- Neuropathology and neuroimaging in neurodegenerative dementias. Department of Developmental Psychology. Faculty of Psychology. University of Valencia. April, 2010.
- Neurobiology of Alzheimer's disease, dementia with Lewy-Bodies, frontotemporal dementia and vascular dementia. Elective course. University of Valencia. April, 2010.
- Dementia syndromes: taxonomy and diagnosis. Elective course. University of Valencia. March, 2009.

Mitgliedschaften

- Mitglied der deutschen Gesellschaft für Neuropsychologie (GNP).