

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: Frühdiagnostik und Effektivität der medikamentösen Behandlung bei Patienten mit leichter kognitiver Störung und neurodegenerativen Erkrankungen.
- 2008 - 2012 Wissenschaftlicher Mitarbeiter der Arbeitsgruppe Neuropsychologie des Bereichs Methodenlehre, Universität Valencia. Forschungsthema: Wiedererkennungslleistung (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 Analysen bei Patienten mit Velo-cardio-fazialen 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 in klinischer Neuropsychologie (ISEP, Valencia).
- 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: Impulsivität und Entscheidungsfindung.
- Mitglied des "Neuroclub-UNIGE". 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

- Combined treatment with memantine and galantamine-CR compared with galantamine-CR only in anti-dementia 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, Schmidtke K, Rüter E, Möllerh HJ, Kurz A, Wiltfang J, Maier W, Wiese B, Frölich L, 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.
- Familiarity-based recognition in multidomain amnesic and nonamnesic cognitive impaired patients: A follow-up retest. Algarabel S, Escudero J, Mazón JF, Pitarque A, **Fuentes M**, Peset V, Lacruz L. *Alzheimer's & Dementia*. 2009; 5 (4): 359–60.

Poster und Vorträge

- Neuropsychometric tests validated by CSF-biomarkers to detect AD pathology in patients with depressive symptoms. 13th Alzheimer's & Parkinson's Diseases 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. 8 th Clinical Trials on Alzheimer's Disease 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 Conference. Toronto (Canada). Juli, 2016. Schipke CG, **Fuentes M**, De Vos A, Jacobs D, Van den Abbeele L, Vanmechelen E, Peters O.
- 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 following fornix section: Neuropsychological Study and Neuroimaging. 63 th Annual Meeting of the Spanish Neurological Society. 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 with MCI. 63 th Annual Meeting of the Spanish Neurological Society. 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. 4 th Annual Conference of the National Academy 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 the 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**.
- Recognition memory deficits in mild cognitive impairment. 7th Congress of the 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**.
- Recognition by familiarity in Parkinson's and Lewy- Body disease patients. 1st Join Conference of the U.K. Experimental Psychology Society and the Spanish Experimental Psychology Society. Granada (Spain). April, 2010. Combata LM, Algarabel S, Rodríguez LA, Escudero J, **Fuentes M**, Peset V, Pitarque A, Mazón J.
- Scanpath variation in individuals with 22q11.2 deletion syndrome during the Benton Visual Retention Test. 16 th Annual International Scientific Meeting about Velocardiofacial Syndrome. Rome (Italy). July, 2009. Ottet MC, Glaser B, **Fuentes M**, Pasca C, Chablos M, Debbané M, Eliez S.
- Familiarity-based recognition in multi-domain amnesic and non-amnesic cognitive impaired patients: A follow-up retest. 9th International Conference on Alzheimer's disease. Vienna (Austria). July, 2009. Algarabel S, Escudero J, Mazón J, Pitarque A, **Fuentes M**, Peset V, Lacruz L.
- Contribution of automatic components to explicit recognition tasks. 7 th Scientific Meeting about Attention. Spanish Experimental Psychology Society. Granada (Spain). April, 2009. Algarabel S, Escudero J, Rodriguez L, Peset V, **Fuentes M**, Combata LM, Pitarque A.
- Analysis of familiarity memory in dementia associated with Parkinson's disease and Lewy Body dementia. 26 th Annual Meeting of the Valencian Neurological Society. Benidorm (Spain). March, 2009. **Fuentes M**, Rodríguez L, Mazón J, Escudero J, Peset V, Pitarque A, Algarabel S.
- Analysis of familiarity memory in patients with Parkinson's disease. 60 th Annual Meeting of the Spanish Neurological Society. Barcelona (Spain). November, 2008. Rodríguez L, Combata LM, Escudero J, Algarabel S, Pitarque A, **Fuentes M**, Mazón J.

Lehre

- Neuroimaging of secondary dementias. Department of Developmental psychology. Faculty of Psychology. University of Valencia. May, 2010.
- Neuropathology and neuroimaging of primary 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. Free-choice elective course. University of Valencia. April, 2010.
- Dementia syndromes: taxonomy and diagnosis. Free-choice elective course. University of Valencia. March, 2009.