



Simposio Internacional: Diagnóstico diferencial de las demencias corticales. Un enfoque pluridisciplinar
International Symposium: Differential diagnosis of cortical dementias: A multidisciplinary approach

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PUBLICATIONS:

1. Balasa M, Vidal-Piñeiro D, Lladó A, Antonell A, Bosch B, Castellanos F, Bargalló N, Bartres-Faz D, Molinuevo JL, Sánchez-Valle R*. PSEN1 Mutation Carriers Present Lower Cerebrospinal Fluid Amyloid-beta42 Levels than Sporadic Early-Onset Alzheimer's Disease Patients but no Differences in Neuronal Injury Biomarkers. J Alzheimers Dis. 2012 Mar 16. [Epub ahead of print]
2. Portelius E, Fortea J, Molinuevo JL, Gustavsson MK, Andreasson U, Sanchez-Valle R. The amyloid- β isoform pattern in cerebrospinal fluid in familial PSEN1 M139T- and L286P-associated Alzheimer's disease. Mol Med Report. 2012 Apr;5(4):1111-5.
3. Sánchez-Valle R*, Yagüe J, Turón A, Aróstegui JI, Nos C, Rey MJ, Ferrer I, Gelpi E. Inherited prion disease with 4-octapeptide repeat insertion linked to valine at codon 129. Brain. 2012 Feb 2. [Epub ahead of print] PubMed PMID: 22300874.
4. Molinuevo JL, Sánchez-Valle R, Lladó A, Fortea J, Bartres-Faz D, Rami L. Identifying Earlier Alzheimer's Disease: Insights from the Preclinical and

- Prodromal Phases. Neurodegener Dis. 2011 Dec 7. [Epub ahead of print] PubMed PMID: 22156554.
5. Antonell A, Gelpi E, Sánchez-Valle R*, Martínez R, Molinuevo JL, Lladó A. Breakpoint sequence analysis of an A β PP locus duplication associated with autosomal dominant Alzheimer's disease and severe cerebral amyloid angiopathy. J Alzheimers Dis. 2012;28(2):303-8.
 6. Sala I, Marquíé M, Sánchez-Saudinós MB, Sánchez-Valle R, Alcolea D, Gómez-Ansón B, Gómez-Isla T, Blesa R, Lleó A. Rapidly Progressive Dementia: Experience in a Tertiary Care Medical Center. Alzheimer Dis Assoc Disord. 2011 Oct 13. [Epub ahead of print] PubMed PMID: 22001379.
 7. Martinez-Saez E, Gelpi E, Rey M, Ferrer I, Ribalta T, Botta-Orfila T, Nos C, Yagüe J, Sanchez-Valle R. Hirano body - rich subtypes of Creutzfeldt-Jakob disease. Neuropathol Appl Neurobiol. 2011 Jul 5. doi:10.1111/j.1365-2990.2011.01208.x. [Epub ahead of print] PubMed PMID: 21726270.
 8. Rodriguez-Diehl R, Rey MJ, Gironell A, Martinez-Saez E, Ferrer I, Sánchez-Valle R, Yagüe J, Nos C, Gelpi E. "Preclinical" MSA in definite Creutzfeldt-Jakob disease. Neuropathology. 2011 Jun 21. doi:10.1111/j.1440-1789.2011.01232.x. [Epub ahead of print] PubMed PMID: 21692862.
 9. Solé-Padullés C, Lladó A, Bartrés-Faz D, Fortea J, Sánchez-Valle R, Bosch B, Antonell A, Molinuevo JL, Rami L. Association between cerebrospinal fluid tau and brain atrophy is not related to clinical severity in the Alzheimer's disease continuum. Psychiatry Res. 2011 Jun 30;192(3):140-6.
 10. Balasa M, Gelpi E, Antonell A, Rey MJ, Sánchez-Valle R, Molinuevo JL, Lladó A; Neurological Tissue Bank/University of Barcelona/Hospital Clínic NTB/UB/HC Collaborative Group. Clinical features and APOE genotype of pathologically proven early-onset Alzheimer disease. Neurology. 2011 May 17;76(20):1720-5. PubMed PMID: 21576687.
 11. Solé-Padullés C, Lladó A, Bartrés-Faz D, Fortea J, Sánchez-Valle R, Bosch B, Antonell A, Molinuevo JL, Rami L. Association between cerebrospinal fluid tau and brain atrophy is not related to clinical severity in the Alzheimer's disease

- continuum. Psychiatry Res. 2011 Jun 30;192(3):140-6. Epub 2011 May 4. PubMed PMID: 21546220.
12. Fortea J, Sala-Llloch R, Bartrés-Faz D, Lladó A, Solé-Padullés C, Bosch B, Antonell A, Olives J, Sanchez-Valle R, Molinuevo JL, Rami L. Cognitively preserved subjects with transitional cerebrospinal fluid β -amyloid 1-42 values have thicker cortex in Alzheimer's disease vulnerable areas. Biol Psychiatry. 2011 Jul 15;70(2):183-90. Epub 2011 Apr 23. PubMed PMID: 21514924.
 13. Antonell A, Balasa M, Oliva R, Lladó A, Bosch B, Fabregat N, Fortea J, Molinuevo JL, Sánchez-Valle R. A novel PSEN1 gene mutation (L235R) associated with familial early-onset Alzheimer's disease. Neurosci Lett. 2011 May 7;496(1):40-2. Epub 2011 Apr 9. PubMed PMID: 21501661.
 14. Rami L, Solé-Padullés C, Fortea J, Bosch B, Lladó A, Antonell A, Olives J, Castellví M, Bartres-Faz D, Sánchez-Valle R, Luis Molinuevo J. Applying the new research diagnostic criteria: MRI findings and neuropsychological correlations of prodromal AD. Int J Geriatr Psychiatry. 2011 Mar 7. doi: 10.1002/gps.2696. [Epub ahead of print] PubMed PMID: 21384432.
 15. Fortea J, Lladó A, Bosch B, Antonell A, Oliva R, Molinuevo JL, Sánchez-Valle R. Cerebrospinal fluid biomarkers in Alzheimer's disease families with PSEN1 mutations. Neurodegener Dis. 2011;8(4):202-7. Epub 2011 Jan 5. PubMed PMID: 21212633.
 16. Fortea J, Lladó A, Clarimón J, Lleó A, Oliva R, Peri J, Pintor L, Yagüe J, Blesa R, Molinuevo JL, Sánchez-Valle R. PICOGEN: Five years experience with a genetic counselling program for dementia. Neurologia. 2011 Apr;26(3):143-149. Epub 2010 Nov 11. English, Spanish. PubMed PMID: 21163230.
 17. Antonell A, Fortea J, Rami L, Bosch B, Balasa M, Sánchez-Valle R, Iranzo A, Molinuevo JL, Lladó A. Different profiles of Alzheimer's disease cerebrospinal fluid biomarkers in controls and subjects with subjective memory complaints. J Neural Transm. 2011 Feb;118(2):259-62. Epub 2010 Dec 16. PubMed PMID: 21161712.
 18. Rami L, Fortea J, Bosch B, Solé-Padullés C, Lladó A, Iranzo A, Sánchez-Valle R, Molinuevo JL. Cerebrospinal fluid biomarkers and memory present distinct

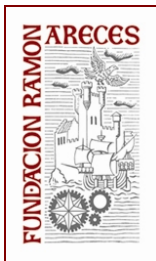
- associations along the continuum from healthy subjects to AD patients. J Alzheimers Dis. 2011;23(2):319-26. PubMed PMID: 21098971.
19. Fortea J, Sala-Llloch R, Bartrés-Faz D, Bosch B, Lladó A, Bargalló N, Molinuevo JL, Sánchez-Valle R. Increased cortical thickness and caudate volume precede atrophy in PSEN1 mutation carriers. J Alzheimers Dis. 2010 Jan 1;22(3):909-22. PubMed PMID: 20858974.
 20. Lladó A, Sánchez-Valle R, Rey MJ, Mercadal P, Almenar C, López-Villegas D, Fortea J, Molinuevo JL. [New mutation in the PSEN1 (E120G) gene associated with early onset Alzheimer's disease]. Neurologia. 2010 Jan-Feb;25(1):13-6. Spanish. PubMed PMID: 20388456.
 21. Molinuevo JL, Gómez-Anson B, Monte GC, Bosch B, Sánchez-Valle R, Rami L. Neuropsychological profile of prodromal Alzheimer's disease (Prd-AD) and their radiological correlates. Arch Gerontol Geriatr. 2011 Mar-Apr;52(2):190-6. Epub 2010 Apr 8. PubMed PMID: 20381176.
 22. Lladó A, Fortea J, Ojea T, Bosch B, Sanz P, Valls-Solé J, Clarimon J, Molinuevo JL, Sánchez-Valle R. A novel PSEN1 mutation (K239N) associated with Alzheimer's disease with wide range age of onset and slow progression. Eur J Neurol. 2010 Feb 10. [Epub ahead of print] PubMed PMID: 20158511.
 23. Montagut N, Sánchez-Valle R, Castellví M, Rami L, Molinuevo JL. [Relearning vocabulary. A comparative analysis between a case of semantic dementia and Alzheimer's disease with predominant compromise of language]. Rev Neurol. 2010 ;50(3):152-6.
 24. Guardia-Laguarta C, Pera M, Clarimón J, Molinuevo JL, Sánchez-Valle R, Lladó A, Coma M, Gómez-Isla T, Blesa R, Ferrer I, Lleó A. Clinical, neuropathologic, and biochemical profile of the amyloid precursor protein I716F mutation. J Neuropathol Exp Neurol. 2010 ;69(1):53-9.
 25. Bosch B, Bartrés-Faz D, Rami L, Arenaza-Urquijo EM, Fernández-Espejo D, Junqué C, Solé-Padullés C, Sánchez-Valle R, Bargalló N, Falcón C, Molinuevo JL. Cognitive reserve modulates task-induced activations and deactivations in healthy elders, amnesic mild cognitive impairment and mild Alzheimer's disease. Cortex. 2010 Apr;46(4):451-61.

26. Ladogana A, Sanchez-Juan P, Mitrová E, Green A, Cuadrado-Corrales N, Sánchez-Valle R, Koscova S, Aguzzi A, Sklaviadis T, Kulczycki J, Gawinecka J, Saiz A, Calero M, van Duijn CM, Pocchiari M, Knight R, Zerr I. Cerebrospinal fluid biomarkers in human genetic transmissible spongiform encephalopathies. *J Neurol*. 2009 Oct;256(10):1620-8. Epub 2009 May 15. PubMed PMID: 19444528.
27. Rami L, Bosch B, Sanchez-Valle R, Molinuevo JL. The memory alteration test (M@T) discriminates between subjective memory complaints, mild cognitive impairment and Alzheimer's disease. *Arch Gerontol Geriatr*. 2010 ;50(2):171-4. Epub 2009 Apr 16.
28. Rami L, Gómez-Anson B, Monte GC, Bosch B, Sánchez-Valle R, Molinuevo JL. Voxel based morphometry features and follow-up of amnesic patients at high risk for Alzheimer's disease conversion. *Int J Geriatr Psychiatry*. 2009 Aug;24(8):875-84.
29. Bartrés-Faz D, Solé-Padullés C, Junqué C, Rami L, Bosch B, Bargalló N, Falcón C, Sánchez-Valle R, Molinuevo JL. Interactions of cognitive reserve with regional brain anatomy and brain function during a working memory task in healthy elders. *Biol Psychol*. 2009 ;80(2):256-9.
30. Guerreiro RJ, Baquero M, Blesa R, Boada M, Brás JM, Bullido MJ, Calado A, Crook R, Ferreira C, Frank A, Gómez-Isla T, Hernández I, Lleó A, Machado A, Martínez-Lage P, Masdeu J, Molina-Porcel L, Molinuevo JL, Pastor P, Pérez-Tur J, Relvas R, Oliveira CR, Ribeiro MH, Rogaeva E, Sa A, Samaranch L, Sánchez-Valle R, Santana I, Tàrraga L, Valdivieso F, Singleton A, Hardy J, Clarimón J. Genetic screening of Alzheimer's disease genes in Iberian and African samples yields novel mutations in presenilins and APP. *Neurobiol Aging*. 2008 Jul 28. [Epub ahead of print] PubMed PMID: 18667258.
31. Sánchez-Valle R, Aróstegui JI, Yagüe J, Rami L, Lladó A, Molinuevo JL. First demonstrated de novo insertion in the prion protein gene in a young patient with dementia. *J Neurol Neurosurg Psychiatry*. 2008 Jul;79(7):845-6.
32. Lladó A, Sánchez-Valle R, Rey MJ, Ezquerra M, Tolosa E, Ferrer I, Molinuevo JL; Catalan collaborative Study Group for FTL. Clinicopathological and genetic

- correlates of frontotemporal lobar degeneration and corticobasal degeneration. J Neurol. 2008 Apr;255(4):488-94.
33. Rodríguez-Martínez AB, Alfonso-Sánchez MA, Peña JA, Sánchez-Valle R, Zerr I, Capellari S, Calero M, Zarranz JJ, de Pancorbo MM. Molecular evidence of founder effects of fatal familial insomnia through SNP haplotypes around the D178N mutation. Neurogenetics. 2008 May;9(2):109-18.
 34. Rami L, Caprile C, Gómez-Ansón B, Sánchez-Valle R, Monte GC, Bosch B, Molinuevo JL. Naming is associated with left temporal pole metabolite levels in neurodegenerative diseases. Dement Geriatr Cogn Disord. 2008;25(3):212-7.
 35. Sánchez-Valle R, Lladó A, Ezquerra M, Rey MJ, Rami L, Molinuevo JL. A novel mutation in the PSEN1 gene (L286P) associated with familial early-onset dementia of Alzheimer type and lobar haematomas. Eur J Neurol. 2007 Dec;14(12):1409-12.
 36. Rami L, Gómez-Anson B, Sanchez-Valle R, Bosch B, Monte GC, Lladó A, Molinuevo JL. Longitudinal study of amnesic patients at high risk for Alzheimer's disease: clinical, neuropsychological and magnetic resonance spectroscopy features. Dement Geriatr Cogn Disord. 2007;24(5):402-10.
 37. Rami L, Gómez-Ansón B, Bosch B, Sánchez-Valle R, Monte GC, Villar A, Molinuevo JL. Cortical brain metabolism as measured by proton spectroscopy is related to memory performance in patients with amnesic mild cognitive impairment and Alzheimer's disease. Dement Geriatr Cogn Disord. 2007;24(4):274-9.
 38. Lladó A, Rodríguez-Santiago B, Antonell A, Sánchez-Valle R, Molinuevo JL, Reñé R, Pérez-Jurado LA. MAPT gene duplications are not a cause of frontotemporal lobar degeneration. Neurosci Lett. 2007 Aug 31;424(1):61-5.
 39. Lladó A, Ezquerra M, Sánchez-Valle R, Rami L, Tolosa E, Molinuevo JL. A novel MAPT mutation (P301T) associated with familial frontotemporal dementia. Eur J Neurol. 2007 Aug;14(8):e9-10.
 40. Lladó A, Ezquerra M, Gaig C, Sánchez-Valle R, Tolosa E, Molinuevo JL. Brain tau expression and correlation with the H1/H1 tau genotype in frontotemporal lobar degeneration patients. J Neural Transm. 2007;114(12):1585-8.

41. Lladó A, Sánchez-Valle R, Reñé R, Ezquerra M, Rey MJ, Tolosa E, Ferrer I, Molinuevo JL. Late-onset frontotemporal dementia associated with a novel PGRN mutation. *J Neural Transm.* 2007;114(8):1051-4. Epub 2007 Apr 10.
42. P. Sanchez-Juan*, R. Sanchez-Valle*, A. Green, A. Ladogana, N. Cuadrado-Corrales, E. Mitrová, y otros. Influence of timing on CSF tests value for Creutzfeldt-Jakob disease diagnosis. *J Neurol.* 2007;254(7):901-6.
43. A. Lladó, M. Ezquerra, R. Sanchez-Valle, L. Rami, E. Tolosa, J. L. Molinuevo. A novel *MAPT* mutation (P301T) associated with familial frontotemporal dementia. *Eur J Neurol* 2007 (in press)
44. Green A, Sanchez-Juan P, Ladogana A, Cuadrado-Corrales N, Sanchez-Valle R, Mitrova E, Stoeck K, Sklaviadis T, Kulczycki J, Heinemann U, Hess K, Slivarichova D, Saiz A, Calero M, Mellina V, Knight R, van Duijn CM, Zerr I. CSF analysis in patients with sporadic CJD and other transmissible spongiform encephalopathies. *Eur J Neurol.* 2007 Feb;14(2):121-4.
45. Sanchez-Valle R, Forman MS, Miller BL, Gorno-Tempini ML. From progressive nonfluent aphasia to corticobasal syndrome: a case report of corticobasal degeneration. *Neurocase.* 2006 Dec;12(6):355-9.
46. Sanchez-Valle R, Santamaria J, Rey MJ, Rodriguez A, Graus F, Saiz A. [MM1 variant of sporadic Creutzfeldt-Jakob disease with long duration akinetic mutism state] *Neurologia.* 2006 Oct;21(8):444-6.
47. Rami L, Molinuevo JL, Sanchez-Valle R, Bosch B, Villar A. Screening for amnesic mild cognitive impairment and early Alzheimer's disease with M@T (Memory Alteration Test) in the primary care population. *Int J Geriatr Psychiatry.* 2006 Sep 22; [Epub ahead of print]
48. Sanchez-Juan P, Green A, Ladogana A, Cuadrado-Corrales N, Sanchez-Valle R, Mitrova E, y otros. Cerebrospinal fluid tests in the differential diagnosis of Creutzfeldt-Jakob disease. *Neurology.* 2006 Aug 22;67(4):637-43.
49. Rodriguez-Martinez AB, Barreau C, Couprie I, Yague J, Sanchez-Valle R, Galdos-Alcelay L, Ibanez A, Dignon A, Fernandez-Manchola I, Goizet C, Castro A, Cuevas N, Alvarez-Alvarez M, de Pancorbo MM, Arveiler B, Zarranz JJ. Ancestral origins of

- the prion protein gene D178N mutation in the Basque Country. Hum Genet 2005;117(1):61-9.
50. Martínez-Yélamos A, Rovira A, Sánchez-Valle R, Martínez-Yélamos S, Tintoré M, Blanco Y, Graus F, Montalbán X, Arbizu T, Saiz A. CSF 14-3-3 protein assay and MRI as prognostic markers in patients with a clinically isolated syndrome suggestive of MS. J Neurol 2004; 251 (10):1278-1279.
 51. Sanchez-Valle R, Nos C, Yagüe J, Graus F, Domínguez A, Saiz A, for the Catalan Collaborative Study Group for CJD. Clinical and genetic features of human prion diseases in Catalonia. Eur J Neurol. 2004 Oct;11(10):649-55.
 52. Sánchez-Valle R, Graus F, Saiz A. Utilización y validez de la prueba de la proteína de 14-3-3 en el diagnóstico de enfermedades priónicas: estudio prospectivo de 4 años. Medicina Clínica 2003; 120 (20): 761-764.
 53. Martínez-Rodríguez JE, Sanchez-Valle R, Saiz A, Lin L, Iranzo A, Mignot E, Santamaria J. The hypocretin system is not altered in patients with Fatal Familial Insomnia. Sleep 2003; 26(8): 1068.
 54. Bernal F, Shams'ili S, Rojas I, Sanchez-Valle R, Saiz A, Dalmau J, Honnorat J, Sillevs Smitt P, Graus F. Anti-Tr antibodies as markers of paraneoplastic cerebellar degeneration and Hodgkin's disease. Neurology 2003 Jan 28;60(2):230-4.
 55. Sanchez-Valle R, Pastor P, Yague J, Ribalta T, Graus F, Tolosa E, Saiz A. Analysis of the exon 1 polymorphism in the Tau gene in transmissible spongiform encephalopathies. J Neurol 2002 Jul;249(7):938-9.
 56. Van Everbroeck B, Green AJ, Vanmechelen E, Vanderstichele H, Pals P, Sanchez-Valle R, Corrales NC, Martin JJ, Cras P. Phosphorylated tau in cerebrospinal fluid as a marker for Creutzfeldt-Jakob disease. J Neurol Neurosurg Psychiatry. 2002 Jul;73(1):79-81.
 57. Sánchez-Valle R, Saiz A, Graus F. 14-3-3 Protein isoforms and atypical patterns of the 14-3-3 assay in the diagnosis of Creutzfeldt-Jakob disease. Neurosci Lett 2002 Mar 1;320(1-2):69-72.
 58. Blanco Y, Sanchez-Valle R, Valldeoriola F. Bilateral temporal leukoencephathy in neurosyphilis. Neurologia. 2002 Jan;17(1):52.



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Madrid, October 29-30, 2012

59. Martinez-Yelamos A, Saiz A, Sanchez-Valle R, Casado V, Ramon JM, Graus F, Arbizu T. 14-3-3 protein in the CSF as prognostic marker in early multiple sclerosis. *Neurology*, 2001 Aug 28;57(4):722-4. FI: 5,678.
60. Saiz A, Nos C, Yagüe J, Dominguez A, Graus F, for the Catalan CJD study group. The impact of the introduction of the 14-3-3 protein assay in the surveillance of sporadic Creutzfeldt-Jakob disease in Catalonia. *J Neurol* 2001; 248: 592-594. FI: 2,778.
61. Sanchez-Valle R, Saiz A. Diagnosis of transmissible spongiform encephalopathies in humans. *Med Clin* 2002; 119 (S1):33-37.