

CURRICULUM VITAE

PERSONAL INFORMATION

Name and family name: Maria del Sagrario Manzano Palomo

Place and birthday: Madrid, 13th March 1977

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ACADEMIC TRAINING:

- Average rating of Outstanding (9.00) in 1994/95 COU
- Access to the Faculty of Medicine of the Complutense University of Madrid in 1995 with the score 8.49.
- Bachelor of Medicine from the Universidad Complutense de Madrid in June 2001.
- Completed 20 credits for the subjects of the PhD course in Neurosciences, Universidad Complutense de Madrid.
- Diploma of Advanced Studies in June 2005, Complutense University of Madrid, Spain. The project in which I participated was led by Doctors Barquero (responsible for Dementia Unit at the Clinical Hospital San Carlos) and Jimenez Escrig (Ramon y Cajal Hospital) carrying the title: "Doctoral Project for the Genetic Analysis of Families with Dementia type Alzheimer".
- MIR access exam conducted in February 2002 with the result (number: 652) for position in Neurology at the Hospital Clinico San Carlos in Madrid.

- Completed the MIR program of Neurology at San Carlos Hospital from July 2002 to June 2006.
- Doctor of Medicine from the University of Alcalá in April 2008 with the result of Outstanding Cum Laude unanimously. Thesis title: "Study of Familial Parkinson's Disease with high - density microarrays SNPs". Director of the thesis: Dr. Jimenez Escrig. Ramon y Cajal Hospital.
- Assignment of six months (September 2006-February 2007) at the Hospital del Mar (Barcelona) in the area of Behavioral Neurology and Dementia with Dr. Peña Casanova.
- Spokesperson of the Behavioural Neurology and Dementias group of the Spanish Society of Neurology (2010-2012).
- Secretary of the Neurology of Conduct and Dementias group of the Spanish Society of Neurology (2012-2014).
- Group coordinator Behavioral Neurology and Dementias of the Spanish Society of Neurology (since November 2014, at present).
- Member of Neuromarket.com: Network on the study of biomarkers for brain disorders, 2013.
- Member of the scientific committee for the project Know Alzheimer (STADA).
- Course author Neurowikia (of which I am editor of the Neurology Section of Conduct and Dementias), "Update on Dementia and Cognitive Impairment."
- Member of the theNeurogeriatric group of the Spanish Society of Neurology.
- Reviewer of Neurology Magazine (official publication of the Spanish Society of Neurology).
- Member of the rotating committee of the magazine Alzheimer. *Realities and Research in Dementia*.
- Worked with Dr. Jimenez Escrig in Complex Segregation Analysis of Families with Alzheimer Type Dementia (Ramon y Cajal Hospital) and genetic analysis of familial Parkinson's disease.

CLINICAL ACTIVITY:

- Specialist in Neurology.
- Clinical neurologist at the Infanta Cristina Hospital, Parla, Madrid. Member of permanent staff since June 2012. Performing clinical activity for Inpatient Hospitalization, Outpatient and neurophysiology (EMG-ENG).
- Clinical neurologist at the Clinical Hospital San Carlos of Madrid from April 2008 to May 2012, performing clinical activity in Cognition and Conduct Unit, consultant of General Neurology at the Specialty Center Avenida de Portugal and acted as Neurologist on call.
- Clinical neurologist at the Hospital General La Mancha Centro. Alcazar de San Juan, from June 2007 to April 2009. Performed clinical activity in hospital ward, Neurosonology and Consultant for Neuropsychology Dementias.
- Clinical neurologist at the Hospital of La Moraleja, Sanitas, from March 2007 to June 2007 performing outpatient care activities.
- Covering parental leave for two weeks in the Red Cross Hospital, Madrid, April 2007. Neurogeriatric Program (Behavioural Neurology and Dementias in Geriatric Population)
- Specific rotations completed during the period of training at the Clinical Hospital San Carlos:
 1. In the area of cerebrovascular disease: Cerebrovascular Pathology Unit for 4 months. Neurosonology rotation for two months. Collaborator in the SITS-MOST since 2003 and ECASS III since 2004. Ongoing. Obtained the NIH Stroke Scale Training Certificate in August 2006 (Test group A) and March 2007 (Test group B).
 2. In the area of Epilepsy: Epilepsy Unit of the FJD in September, October 2004.
 3. In the area of Extrapyrmidal Pathology: Unit of Abnormal Movements, San Carlos Clinical Hospital during February, March 2005, with training in the administration of botulinum toxin.
 4. In the area of the Dementias: Memory Unit San Carlos Hospital during July, August and September 2005.
 5. Rotation in Pathology at the Hospital 12 de Octubre during October, November and December 2005.
 6. In the area of Demyelinating Diseases: Demyelinating Diseases Unit of Hospital Clinico San Carlos in January, in February 2006.
 7. In the area of neuromuscular pathology: the Department of Neurophysiology Clinical Hospital San Carlos (Section Electromyography) the months of November, December 2004 and January 2005. Rotation in June 2006 Neuromuscular Disease Unit of the Hospital.

8. Other: Neuroradiology (April, May 2005), Neuro-paediatrics (March, April 2004) and Neurosurgery (May 2006) San Carlos Hospital.

PARTICIPATION IN SPECIFIC FORUMS:

National scope:

- SUMMER COURSE IN EL ESCORIAL IN 2000, LED BY MR. JOSÉ ANTONIO CLAVERO AND D.JOSÉ BOTTLE LLUSIA ON: HUMAN ENCEPHALIZATION.
- COURSE AT THE MENÉNDEZ PELAYO INTERNATIONAL UNIVERSITY IN THE SUMMER OF 2000 ON: MULTIPLE SCLEROSIS, USEFUL MARKERS IN CLINICAL DECISION MAKING.
- COURSE ORGANIZED BY THE DEPARTMENT OF MEDICAL PATHOLOGY HOSPITAL CLINICO SAN CARLOS IN 2001 ON: ADVANCED CARDIOPULMONARY RESUSCITATION.
- PARTICIPATION IN THE "CONFERENCE VII PUBLIC HEALTH UNIVERSITY" IN 2001, ORGANIZED BY THE DEPARTMENT OF PREVENTIVE MEDICINE, SCHOOL OF MEDICINE AT THE COMPLUTENSE UNIVERSITY OF MADRID.
- ANNUAL MEETING OF THE SPANISH SOCIETY OF NEUROLOGY. BARCELONA 2002, 2003, 2004, 2005, 2009, 2010, 2011, 2012, 2013, VALENCIA 2014, 2015.
- COURSE OF BASIC AND CLINICAL NEUROGENETICS. DR JIMENEZ ESCRIG. FEBRUARY 2004, 2005 , APRIL 2006, MAY 2007, FEBRUARY 2008.
- COURSE ON HEADACHES. DR. JESUS PORTA. MADRID 2003, OCTOBER.
- COURSE ON NEUROLOGICAL THERAPEUTIC ADVANCES IN EPILEPSY AND ABNORMAL MOVEMENTS. JIMENEZ DIAZFOUNDATION. PROF. JOSÉ MARÍA SERRATOSA, DR. PEDRO GARCIA RUIZ. JUNE 2003.
- IX NATIONAL COURSE OF ALZHEIMER'S DISEASE. MADRID. MAY 2004.
- X NATIONAL COURSE OF ALZHEIMER'S DISEASE. PAMPLONA. APRIL 2005.
- FIRST INTERNATIONAL SYMPOSIUM ON ALZHEIMER'S DISEASE. BARCELONA. MAY 2004.
- FIRST INTERNATIONAL CONGRESS CONSENSUS ON NONPHARMACOLOGICAL THERAPIES FOR ALZHEIMER'S. MADRID. MAY 2005.
- COURSE ON PRACTICAL APPLICATION OF DIAGNOSIS OF DEMENTIAS. VALENCIA. MAY 2004.

- COURSE ON MOVEMENT DISORDERS. SARAGOSSA. OCTOBER, 2004.
- VII TRAINING COURSE DEMYELINATING DISEASES. BILBAO. MAY 2005.
- I NEUROLOGY MEETING DAY. MADRID. MAY 2005.
- EPILEPSY 5TH COURSE FOR RESIDENTS. BILBAO. JUNE 2005.
- SAFETY OF ANTIPSYCHOTICS IN PATIENTS WITH DEMENTIA: CONTROVERSY AND REALITY. MADRID. JUNE 2005.
- THE GROWING IMPORTANCE OF VASCULAR DEMENTIA COMPONENT. SEVILLE. SEPTEMBER 2005.
- CURRENT REALITY OF THE APPLICATIONS OF MOLECULAR PATHOLOGY. MADRID 2005.
- II REFRESHER COURSE IN HEADACHES. MADRID 2006.
- FIRST INTERACTIVE MIGRAINES DAY. SANTIAGO DE COMPOSTELA 2006.
- NEURORADIOLOGY IN CEREBRAL VASCULAR PATHOLOGY. TOLEDO. MARCH 2006.
- ADVANCES IN NEUROPHARMACOLOGY III. MOVEMENT DISORDERS. MADRID 2006.
- IV NEUROFORUM DEMENTIA. AGING AND MEMORY. MEMORY PROBLEMS: ... OLD AGE OR ILLNESS? BARCELONA 2006.
- XII NATIONAL COURSE OF ALZHEIMER'S DISEASE: SUMMARY, PROGRESS, AND PROSPECTS. GRANADA 2007.
- INTERNATIONAL SYMPOSIUM: GENES OF DEGENERATIVE DISEASES IN ISOLATED POPULATIONS. MADRID 2007.
- FOURTH MEETING OF EXPERTS ON DEMENTIAS. MADRID 2007.
- DIPLOMA TRAINING PROGRAM "BEHAVIORAL SYMPTOMS IN DEMENTIA: DIAGNOSIS AND TREATMENT." BARCELONA 2007.
- HEADACHES A CHALLENGE FOR THE CLINICIAN. MÁLAGA 2008.
- CYCLE DISCUSSION WITH EXPERTS: VASCULAR FACTORS AND ALZHEIMER'S DISEASE. MADRID. JUNE 2008.
- COMMUNICATION SKILLS. MADRID IN SEPTEMBER 2008.
- V MEETING OF EXPERTS ON DEMENTIAS. MADRID 2008.
- I COURSE ON COGNITIVE AGING: PREVENTION AND TREATMENT FROM THE PERSPECTIVE OF EVIDENCE-BASED MEDICINE. SEVILLA 2008.

- NEUROFORM FORUM IN 2009. NEUROLOGICAL VASCULAR DEMENTIA, PARKINSON AND ABNORMAL MOVEMENTS, EPILEPSY, HEADACHES AND DISORDERS NEUROIMMUNOLOGIC. MÁLAGA, FEBRUARY 2009.
- ANXIETY. AN EMERGING DISEASE IN THE ELDERLY. 12 MAY 2009. DIRECTORS: JUAN JOSE LOPEZ IBOR AND JOSE MANUEL RIBERA.
- 2ND COURSE OF CLINICAL NEUROPHARMACOLOGY. DIRECTOR: JJ ZARRANZ. MADRID, FEBRUARY 2010.
- NEUROFORM FORUM IN 2010. NEUROLOGICAL VASCULAR DEMENTIA, PARKINSON AND ABNORMAL MOVEMENTS, EPILEPSY, HEADACHES AND DISORDERS NEUROIMMUNOLOGIC. MADRID, FEBRUARY 2010.
- IMMERSION DEMENTIAS. INTENSIVE PRACTICAL MANAGEMENT OF DEMENTIA. 27-29 MAY 2010, SEGOVIA.
- DEMENTIAS DAY AND LAW. 23 SEPTEMBER 2010. MADRID.
- PRACTICAL SKILLS IN NEUROLOGY. DIRECTOR: JESUS PORTA. SEP 2011. MADRID.
- NEUROGERIATRICS COURSE. DIRECTORS: CRISTINA FERNANDEZ GARCIA AND ANGEL GARCIA BERBEL. NOV 2011. MADRID.
- XVII NATIONAL COURSE OF ALZHEIMER'S DISEASE. DIRECTORS: COUSIDO SANTIAGO MARTINEZ-CONDE, MIGUEL MOYA MOLINA AND PABLO ALVAREZ MARTÍNEZ LAGE. FEB 2012. CADIZ.
- III ESL UPDATE MEETING. COORDINATOR: ANTONIO GIL-NAGEL REIN. MADRID, 2015.
- SCIENTIFIC CONFERENCE "UPDATE ON COGNITIVE IMPAIRMENT." 06. FOUNDATION EDITION VIANORTE-LAGUNA, MADRID, 2015.
- MEDD. GREATER EFFECTIVENESS DIAGNOSIS OF DEMENTIAS. HOW TO ACHIEVE GREATER EFFECTIVENESS IN THE DIAGNOSIS OF DEMENTIAS: SYNERGY BETWEEN NEUROLOGY AND NUCLEAR MEDICINE. BARCELONA, JANUARY 2016.
- ARC in epilepsy. Annual Review Congresses on EPILEPSY. Madrid, march 2016.
- Epilepsy Forum 2016. Sitges (Barcelona), april 2016.
- I Scientific meeting CNS Exeltis Day, Madrid, january 2018.

AT INTERNATIONAL LEVEL:

- ICAD 2006.10^o CONFERENCE INTERNATIONAL ALZHEIMER'S AND RELATED DISEASES, JULY **2006, MADRID.**
- ECTRIMS (EUROPEAN COMMITTEE FOR TREATMENT AND RESEARCH IN MULTIPLE SCLEROSIS). PRAGUE 2007.
- XVII WFN WORLD CONGRESS ON PARKINSON'S DISEASE AND RELATED DISORDERS. AMSTERDAM 2007.
- 2007 AMERICAN EPILEPSY SOCIETY ANNUAL MEETING. PHILADELPHIA 2007.
- 10TH INTERNATIONAL HONG KONG / SPRINGFIELD PAN-ASIAN SYMPOSIUM ON ADVANCES IN ALZHEIMER THERAPY. HONG KONG 2008.
- 8TH ANNUAL MEETING MIGRAINE. CONQUERING MIGRAINE: BUILDING ON THE PRESENT, EXPLORING THE FUTURE. ROME 2008.
- ICAD. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. CHICAGO IN JULY 2008.
- V00191P0202 INVESTIGATOR MEETING PARIS, FRANCE. PRESENTED BY WCT AND PIERRE FABRE, OCUBRE 2008.
- THE 2ND WORLD CONGRESS ON CONTROVERSIES IN NEUROLOGY, ATHENS, GREECE, IN OCTOBER 2008.
- DEMENTIA CENTRE OF EXCELLENCE TOUR. KAROLINSKA INSTITUTE ALZHEIMER'S DISEASE RESEARCH CENTRE. NOVARTIS. STOCKHOLM, NOVEMBER 2008.
- GLOBAL NEUROLOGY SUMMIT. BERLIN, MARCH 2009.
- ADVANCED PRECEPTORSHIP PROGRAMME ON ALZHEIMER'S DISEASE. DIAGNOSIS AND MANAGEMENT. NOVARTIS. UCLA, LOS ANGELES, MARCH 2009.
- LATEST UPDATE ON ALZHEIMER'S DISEASE. MANHEIM, 14 TO 15 MAY 2009.
- ICAD. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. VIENNA IN JULY 2009.
- 13TH CONGRESS OF THE EUROPEAN FEDERATION OF NEUROLOGICAL SOCIETIES. EFNS, FLORENCE, SEPTEMBER 2010.
- DEMENTIA SEMINAR. THE LUNDBECK INSTITUTE. COPENHAGEN IN OCTOBER 2009.
- AAN. AMERICAN ACADEMY OF NEUROLOGY. TORONTO, APRIL 2010.
- II LATEST UPDATE ON ALZHEIMER'S DISEASE. ISTANBUL, MAY 20 TO 21, 2010.

- ICAD. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. HAWAII JULY 20.
- 14TH CONGRESS OF THE EUROPEAN FEDERATION OF NEUROLOGICAL SOCIETIES. EFNS, GENEVA, SEPTEMBER 2010. DEMENTIA CENTRE OF EXCELLENCE TOUR. BASEL MEMORY CLINIC. BASEL, OCTOBER, 2010.
- FIRST SPANISH-PORTUGUESE MEETING ON AD AND VASCULAR BRAIN BURDEN. LISBON, 15 TO 17 OCTOBER 2010.
- NEURO GLOBAL SUMMIT 2011. MADRID, MARCH 2011.
- VII EUROPEAN CONGRESS HEALTHY AND ACTIVE AGING FOR ALL EUROPEANS "II". BOLOGNA (ITALY), APRIL, 2011.
- ICAD. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. PARIS IN JULY 2011.
- ICAD. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. VANCOUVER IN JULY 2012.
- ARC DEMENTIAS. MADRID. FEBRUARY 2013.
- NEURO GLOBAL SUMMIT. MILAN. MARCH 2013.
- AAIC. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. BOSTON IN JULY 2013.
- ALZHEIMER CENTER VUMC PRECEPTORSHIP: CLINICAL COURSE ON EARLY ALZHEIMER'S DISEASE AND THE ROLE OF NUTRITION, PROGRAM DIRECTOR, PROF. DR. PHILIP SCHELTENS, AMSTERDEAM, IN OCTOBER 2013.
- 18TH CONGRESS EUROPEAN FEDERATION OF NEUROLOGICAL SOCIETIES, ISTANBUL, 2014.
- AAIC. INTERNATIONAL CONGRESS ON ALZHEIMER'S DISEASE. WASHINGTON IN JULY 2015.
- CTAD 8TH CONFERENCE ON ALZHEIMER'S DISEASE CLINICAL TRIALS. BARCELONA IN NOVEMBER 2015.
- AAIC. Internacional Congress on Alzheimer's Disease. Toronto, Julio 2016.
- 10th International Conference on Frontotemporal Dementias (ICFTD). Munich, August 2016.
- AAIC. Internacional Congress on Alzheimer's Disease. London, July 2017.

PUBLICATIONS, PARTNERSHIPS AND CONFERENCES:

CONGRESS:

National:

- ✓ Clinical case: Drinking habits with *cholestasis*, Interhospital Clinic Session, Society of Internal Medicine Madrid-Castilla La Mancha, Talavera de la Reina, 2003.
- ✓ Communication Poster: C. Prieto, M. Eimil, M. Vazquez, Ga AA RCIA, S. Manzano, Kurtis M., F. Garcia del Carrizo, M. Ranger, J. Alegre, J. Del Val, MJ Catalan. Restless arm syndrome. Annual Meeting of the Spanish Society of Neurology. Barcelona 2003.
- ✓ Communication Poster: Mark A, Kurtis M, García A, Manzano, S, ME Garcia Davila P, Gredilla J. Factors involved in the average stay in the area of hospitalization in a general hospital neurology. Annual Meeting of the Spanish Society of Neurology. Barcelona 2004.
- ✓ Communication Poster: Myelitis in ankylosing spondylitis. C. Prieto, V. de las Heras, E. Eimil, A. Garcia, Kurtis M., S. Manzano, P. Davila, J. Gredilla, ME García. Annual Meeting of the Spanish Neurology Society. Barcelona 2004.
- ✓ Oral communication: Gómez-Tortosa E, Waterman MS, Baron M, Manzano S, MJ Sainz, Payno M, Jimenez-Escrig A. Differences in the age of onset between siblings with familial Alzheimer's disease: results of GENODEM project. Annual Meeting of the Spanish Society of Neurology. Barcelona 2004.
- ✓ Oral communication: Contreras A, Palomo MS Manzano Gomez Caicoya A, Radish J. "Ictal spitting": description of two cases. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2005.
- ✓ Communication Poster: MS PalomoManzano Gomez Tortosa E, Payno M, MJ Sainz, Villanueva C, MS Barquero. "Comparative study of patients with Alzheimer type of familial late onset (DTaP-f) and sporadic (DTaP-e) dementia. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2005.
- ✓ Communication Poster: Kurtis M, Prieto M, Vazquez M, Manzano MS, the Val J, Catalan MJ. Parkinsonian syndrome secondary to meningioma in the mesial premotor region. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2005.
- ✓ Communication Poster: MS Manzano Gomez Tortosa E, Payno M, MJ Sainz, Barquero MS. Compatativo study among patients with late - onset dementia of the Alzheimer type and family history (DTaP-f) and sporadic DTA (DTaP-e). V National Conference of Alzheimer's. Murcia 2005.
- ✓ Communication Poster: EscribanoGascon A, GarcíaGarcía ME, MS ManzanoPalomo, Marcos A. Doladopontinehemorrhage as a complication of HELLP syndrome: Madrid Society of Neurology. El Escorial. 2005.

- ✓ Oral communication: MS PalomoManzano Gomez Tortosa E, Waterman MS, Baron Rubio M, Jimenez Escrig A. "Analysis of Segregation Complex Alzheimer's Disease". Annual Meeting of the Spanish Society of Neurology, Barcelona, 2006.
- ✓ Oral communication: Familial Parkinson 's Disease. Neurogenetics Short Course. S. Department of Neurology and. Ramon y Cajal Hospital Research. Foundation for Biomedical Research Hospital Universitario Ramón y Cajal. May 2007, February 2008.
- ✓ Communication poster: Santiago Pérez B, Manzano Palomo S, Pink Plaran J, García Valtuille A, González Sanz AM. Glossopharyngeal neuralgia. Clinical case. X Congress of the Spanish Society of Gerodontology - I Iberian Congress of Gerodontology. Porto, May 27 to 29, 2010.
- ✓ Communication Poster: L Gomez, Mark A, B Parejo, Manzano MS, Di Capua D, Garcia C, Sanpedro A. Case report :adrenoleukodystrophy adult. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2010.
- ✓ Communication-poster: Gil Moreno MJ, Marcos Vega A, Marcos Dolado A, Gonzalez Gutierrez JL, Manzano S. Palomo amnestia Mild Cognitive Impairment (CALP) prodromal Alzheimer's disease: longitudinal follow - up of cases of CALP in Unit Study Cognition and Behavior Clinical Hospital San Carlos (HCSC). Annual Meeting of the Spanish Society of Neurology, Barcelona, 2011.
- ✓ Communication-Poster: OJ Gómez Rodríguez, Valencia Sanchez C, S GarcíaPtacek, Barahona Hernando R, Casas J Lemon, Ordás Flag C, AbarrateguiYagüe B, Manzano S. Palomo clinical and demographic data of patients diagnosed with Alzheimer's Disease (AD) in Unit Study of Cognition and Behavior San Carlos Hospital (UCC-HCSC), Madrid. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2011.
- ✓ Communication-Poster: Rodríguez Gómez, OJ, Lopez Pantoja JL, Barabash A, MarcosDolado A, Vazquez S, S Manzano, Ancín I, Llanero M , R uiz JM Sanchez de Leon, Cabranes JA. Influence of using an objective test memory in association DCL with ApoE 4 allele. LXIII Annual Meeting of the Spanish Society of Neurology, Barcelona, November 2011.
- ✓ Marcos Dolado A, López JL, Barabash A, Ancín I, Rodriguez O, S Manzano, JA Cabranes. Deficits of memory against targets in other cognitive risk of progression to Alzheimer's disease in patients with subjective memory complaints domains. LIX Annual Meeting of the Spanish Society of Neurology, Barcelona, November 2012.
- ✓ Communication-Poster: VICENTE DE LA MORENA, MARIA ASUNCION; BALLESTEROS PLAZA LORETO; DEL RIO RAMIREZ, MARIA TERESA; MARTIN GARCIA, HUGO;MANZANO Palomo, MARIA SAGRARIO; PÉREZ MARTÍNEZ, DAVID ANDREW. Paroxysmal episodes of apnea in adult patient concerning a If possible Pitt-Hopkins syndrome. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2013.
- ✓ Oral communication: Pérez Martínez, David Andrew; De la Morena Vicente, Maria Asuncion; Martin Garcia, Hugo; Ballesteros Plaza, Loreto; ManzanoPalomo, Maria

Sagrario; Vidal Diaz, Bethlehem; Luque Alarcon, Monica; Callero belts, Elisa; Herreros Rodriguez, Jaime; Red houses, José **Manuel**. Changes in the last 5 years of the grounds for referral to the neurology outpatient clinic in a health area. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2013.

- ✓ Communication-Poster: Perez Martinez, David Andrew; Rodriguez Calero, Gema; Martin Garcia, Hugo; De la Morena Vicente, Maria Asuncion; Manzano Palomo, Maria Sagrario; Ballesteros Plaza, Loreto; Anaya Caravaca, Bethlehem. Entering a telephone consultation nursing within a program management of chronic neurological patient. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2013.
- ✓ Communication-Poster: Perez Martinez, David Andrew; Ballesteros Plaza, Loreto; The Morena Vicente, Maria Asuncion; Manzano Palomo, Maria Sagrario; Martin Garcia, Hugo. Use instant messaging as a management tool in clinical neurology unit. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2013.
- ✓ Oral communication: Pérez Martínez, David Andrew; Lobato Rincón, Luis-Lucio; Ballesteros Plaza, Loreto; Martin Garcia, Hugo; De la Morena Vicente, Maria Asuncion; Manzano Palomo, Maria Sagrario; Carralero Fernandez, Sergio; Sanchez-Ramos Roda, Celia. Pilot study of diagnostic evaluation of Parkinson's disease Idiopathic using dynamic pupilometry. Annual Meeting of the Spanish Society of Neurology, Barcelona, 2013.
- ✓ Communication-Poster: Gil Moreno MJ, Rabanus Gutierrez A, Manzano Palomo Maria Sagrario. Histopathologic variability of dementia frontotemporal lobar behavioral variant (bv-FTD). XII Annual Meeting of the Madrid Association of Neurology, Madrid, October, 2014.
- ✓ Communication-Poster: Gil Moreno MJ, Rabanus Gutierrez A, Manzano Palomo Maria Sagrario. Dementia Frontotemporal Lobar TDP43 +: clinicopathological correlation in a number of cases. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.
- ✓ Communication-Poster: Perez Martinez, David Andrew; Anaya Caravaca, Bethlehem; Manzano Palomo, Sagrario; Jaramillo Sanchez-Valladares, Vanessa; Catalan Montero, Noelia; Dominguez Garcia, Vanessa; Ballesteros Plaza, Loreto; Martin Garcia, Hugo; De la Morena Vicente, Maria Asuncion; Pilo De la Fuente, Bethlehem. Psycho-emotional factors in early childhood development could influence the evolution of cognitive decline in the elderly. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.
- ✓ Oral communication: Pérez Martínez, David Andrew; Manzano Palomo, Maria Sagrario; Anaya Caravaca, Bethlehem; Ballesteros Plaza, Loreto; De la Morena Vicente, Maria Asuncion; Martin Garcia, Hugo; Pilo De la Fuente, Bethlehem. Study of a cohort of patients with mild cognitive impairment: the disinhibition as the most important in the progression to dementia. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014 clinical factor.
- ✓ Oral communication: Pérez Martínez, David Andrew; Ballesteros Plaza, Loreto; Manzano Palomo, Sagrario; Martin Garcia, Hugo; De la Morena Vicente,

Maria Asuncion; Jimenez widow, Isabel; Torres Macho, Juan. Analysis of factors influencing variability practice prescribing clinic in neuroimaging. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.

- ✓ Communication- Poster: Martin Garcia, Hugo; Ballesteros Plaza, Loreto; Pérez Martínez, David Andrew; De la Morena Vicente, Maria Asuncion; Pilo De la Fuente, Belen; Manzano Palomo, Maria del Sagrario; Calero Rodriguez, Maria Gema. Telecare role in monitoring a query multiple sclerosis. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.
- ✓ Oral communication: Ramirez Sanchez, Pablo; Pérez Martínez, David Andrew; Manzano Palomo, M.ª Sagrario; Vicente de la Morena, Maria Asuncion; Ballesteros Plaza, Loreto; Martin Garcia, Hugo; Forero of the Sotilla, Alberto; Villanueva Martinez, Javier; Pilo de la Fuente, Belen; Anaya Caravaca, Bethlehem. Prognosis and clinical outcome of a series of patients with Idiopathic intracranial hypertension. Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.
- ✓ Oral communication: Pilo de la Fuente, Bethlehem; Manzano Palomo, Maria del Sagrario; Vicente de la Morena, Maria Asuncion; Martin Garcia, Hugo; Pérez Martínez, David Andrew. Gait disorder associated with cerebral vascular disease small glass: a review of a series Annual Meeting of the Spanish Society of Neurology, Valencia, 2014.
- ✓ Oral communication: Pérez Martínez, David Andrew; Ballesteros Plaza, Loreto; Vicente de la Morena, Maria Asuncion, Manzano Palomo, Maria del Sagrario; Martin Garcia, Hugo. Dr. Google in Neurology: Transversal prospective study of Internet use as a source of health information in patients attending neurologist first Annual Meeting of the Spanish Society of Neurology, Valencia, 2015.
- ✓ Communication- Poster: Martin Garcia, Hugo, Ballesteros Plaza Loreto, Vicente de la Morena, Maria Asuncion; Pérez Martínez, David Andrew; Manzano Palomo, Maria del Sagrario; Gema Maria Rodriguez Calero. Clinical presentation of paroxysmal phenomena in a query of Multiple Sclerosis. Annual Meeting of the Spanish Society of Neurology, Valencia, 2015.
- ✓ Communication- Poster: Forero of the Sotilla, Alberto; Manzano Palomo, Maria del Sagrario, Anaya Caravaca, Bethlehem; Ballesteros Plaza, Loreto; Vicente de la Morena, Maria Asuncion; Martin Garcia, Hugo; Pérez Martínez, David Andrew. Somatic symptoms and vascular risk factors in patients with mild cognitive impairment (MCI): its influence on mortality and progression to dementia. Annual Meeting of the Spanish Society of Neurology, Valencia, 2015.
- ✓ Communication- Poster: Vicente de la Morena, Maria Asuncion, Ballesteros Plaza, Loreto; Martin Garcia, Hugo; Manzano Palomo, Maria del Sagrario; Anaya Caravaca, Bethlehem; Pérez Martínez, David Andrew. Application of the definition of drug - resistant epilepsy in the study of the evolution of patients with epilepsy. Annual Meeting of the Spanish Society of Neurology, Valencia, 2015.
- ✓ Oral communication: Ballesteros Plaza, Loreto; Pérez Martínez, David Andrew; Vicente de la Morena, Maria Asuncion; Martin Garcia,

Hugo; Manzano Palomo, Maria del Sagrario. Patients with recurrent falls cryptogenic origin: analysis of factors influencing the evolution and mortality. Annual Meeting of the Spanish Society of Neurology, Valencia, 2015.

At international level:

- ✓ Communication Poster: Gómez-Tortosa E, Waterman MS, Baron M, Manzano S, Perez-Tur J, MJ Sainz, Payno M, Jimenez-Escrig A. Variability in age at onset familial Within siblings With Alzheimer's Disease: results from the GENODEM Project. Philadelphia 2004,
- ✓ Communication Poster: Gomez-Tortosa E, Baron M, Jimenez-Escrig A, MJ Sainz, Manzano S, M Payno, Barquero MS Variability in age at onset familial Within siblings With Alzheimer's Disease. GENODEM results from the Project. Kyoto 2004.
- ✓ Communication Poster: Gómez-Tortosa E, Barquero S, Baron M, Ros R, S Manzano, MJ Sainz, Almaraz C, Gómez-Garre P, Jiménez-Escrig, A. Apolipoprotein E genotype and variability in age at onset in sib-pairs With familial Alzheimer's disease. ^{10th} International Conference on Alzheimer's Disease and Related Disorders. Madrid 2006.
- ✓ Communication Poster: Apple Palomo MS, ME Rioja, Jimenez Escrig A. Clinical and functional description of a new form of autosomal recessive familial disease Parkinson's With late onset. ^{8th} International Conference on Alzheimer's and Parkinson's diseases: progress and new perspectives Salzburg, Austria, 2007..
- ✓ Communication Poster: Gómez-Tortosa E, Manzano S, Munoz DG, MJ Sainz Jimenez-Huete A, Barquero S, Baron M, Jimenez-Escrig A. Clinical Phenotype of familial Alzheimer's disease Caused by the presenilin 1 mutation H163R International. Congres on Alzheimer's Disease ICAD Chicago in July 2008.
- ✓ Communication Poster: Manzano S, Kulivsesky J, M Rioja, Cervero JC, Jimenez-Escrig A. Clinical and genetic description of a new form of late onset autosomal recessive familial Parkinson's disease. ^{12th} Congress of the European Federation of Neurological Societies. EFNS Madrid in August 2008.
- ✓ Communication poster: E. Gómez-Tortosa, S. Barquero, F. Castellanos, M. Lefty, E. Gil-Necija, S. Manzano, D. G Muñoz, A. Jimenez-Huete, MJ. Sainz, M. Baron, A Jiménez-Escrig. Clinical Phenotype of Alzheimer's disease Caused by presenilin 1 mutations in Spain. International Congress on Alzheimer's disease. ICAD Vienna, July 2009.
- ✓ Communication-Poster. S. Manzano, B. Santiago, J. Rosado, Miguel A., J. Matias-Guiu Oral health status in cognitive impairment Patients (CIP) EVALUATED in the Cognition and Behaviour Unit (BCU) of Clinico San Carlos hospital (HCSC), Madrid, Spain. International Congress on Alzheimer's disease. ICAD Hawaii, July 2010.

- ✓ Communication-poster: A. Marcos, MA. Zea-Sevilla, L. Gomez, B. Parejo, S. Manzano. Amnestic mild cognitive impairment (aMCI) or pre-Demential Alzheimer's disease. A longitudinal follow-up of aMCI cases in the Behavior and Cognition Unit of Clinico (BCU-CH), Hospital, Madrid, Spain. 14th Congress of the European Federation of Neurological Societies. EFNS, Geneva, September 2010.
- ✓ B. Santiago, J. Rosado, Miguel A., J. Matias-Guiu, S. Manzano. Oral Health Behaviour in Cognitive impairment Patients (CIP) EVALUATED in the Cognition and Behaviour Unit (BCU) of Clinico San Carlos Hospital (HCSC), Madrid, Spain. 14th Congress of the European Federation of Neurological Societies. EFNS, Geneva, September 2010 .
- ✓ C. Perez-Nut, I. Garcia-Morales, MA. Zea-Sevilla, S. Manzano. Utility of neuropsychological screening tests in the differential diagnosis of amnestic mild cognitive impairment and older Adults with mesial temporal lobe epilepsy With hippocampal sclerosis. 14th Congress of the European Federation of Neurological Societies. EFNS, Geneva, September 2010.
- ✓ Communication-poster. Gil Moreno MJ, Villanueva Iza C, Guide Elena de la, Dolado M, González JL, Manzano Palomos Utility of Barrat scale to measure impulsivity in a series of cases With behavioral variant-frontotemporal lobar degeneration (bv-FTD) . ICAD, Paris, July 2011.
- ✓ Communication-poster: Octavio Jose Rodriguez Gómez, Cristina Valencia Sánchez, Sara García Ptacek, Jose Luis Gonzalez Gutierrez, Alberto Marcos Dolado, Azahara Marcos de Vega, Maria Jose Gil Moreno, Sagrario Manzano Palomo A Alzheimer disease and the delay of STI diagnosis.. Results of an epidemiological study Carried out in the Cognition and Behaviour of Clinico unit (BCU-CH), hospital, Madrid, Spain. ICAD, Vancouver, July 2011.
- ✓ Communication-poster: JL Lopez, Marcos Dolado A, Barabash A, Manzano S, Ancín I, Vazquez B, OJ Rodriguez, JA Cabranes Involvement of objective memory loss in the rapid evolution from mild cognitive impairment to Alzheimer's Disease.. International Congress in Alzheimer's Disease. Paris, France, July 2011.
- ✓ Communication-poster: Mark Dolado A, Cabranes JA, Lopez JL, Ancín I, Manzano S, Vazquez B, Rodriguez OJ, Barabash A. Assess the Importance of the objective memory deficit in the association of APOE4 With Cognitive Impairment and Its Mild relation With to fast-progression to Alzheimer's disease. International Congress in Alzheimer's Disease. Paris, France, July 2011.
- ✓ Communication-poster: Barabash A, Marcos Dolado A, Lopez-Pamtoja JL, Manzano MS, Lopez ME, Montenegro M, Maestu F, Cabranes JA. Polymorphisms in PICALM, CLU and CR1 genes are Associated With Different cognitive endophenotypes in Mild Cognitive Impairment. Alzheimer's Association International Conference. Boston, 13-18 July 2013.
- ✓ Communication-poster: Manzano Palomo Maria Sagrario Perez Martinez David Andres, Anaya Caravaca Belen, Martin Garcia Hugo, Pilo of Fuede Belen, Ballesteros Plaza Loreto, De la Morena Vicente Maria Asuncion. Hypoproteinemia AS A FACTOR THAT Reduces THE TIME OF PROGRESSION TO IN DEMENTIA mild

cognitive impairment (MCI). Alzheimer's Association International Conference. Washington, July 2015.

- ✓ Communication-poster: José María Gil Moreno, María Sagrario Manzano Palomo, María de la Luz Pérez Cuadrado, Alberto Gutiérrez. HIPPOCAMPAL SCLEROSIS IN frontotemporal DEMENTIA : COMPARATIVE STUDY BETWEEN TDP-43 PATHOLOGY AND tauopathies. Alzheimer's Association International Conference. Washington, July 2015.
- ✓ COMUNICACIÓN-PÓSTER: MARÍA JOSÉ GIL MORENO, MARÍA SAGRARIO MANZANO PALOMO, MARÍA DE LA LUZ CUADRADO PÉREZ, MIGUEL CALERO LARA, ALBERTO RÁBANO GUTIÉRREZ. ANALYSIS OF GENETIC POLIMORPHISMS AND GENETIC MUTATIONS IN FRONTOTEMPORAL LOBAR DEGENERATION. 10TH INTERNATIONAL CONFERENCE ON FRONTOTEMPORAL DEMENTIAS (ICFTD). MUNICH, AUGUST 2016.
- ✓ Comunicación-póster: María José Gil Moreno, María Sagrario Manzano Palomo, María de la Luz Cuadrado Pérez, Miguel Calero Lara, Alberto Rábano Gutiérrez. ARGYROPHILIC GRAINS PATHOLOGY IN FRONTOTEMPORAL LOBAR DEGENERATION. 10th International Conference on Frontotemporal Dementias (ICFTD). Munich, August 2016.
- ✓ Comunicación-póster: María José Gil Moreno, María Sagrario Manzano Palomo, María de la Luz Cuadrado Pérez, Alberto Rábano Gutiérrez. CLINICAL AND NEUROPATHOLOGICAL CLASSIFICATION OF FRONTOTEMPORAL DEMENTIA: ANALYSYS OF COMMON AND SPECIFIC CHARACTERISTICS. 10th International Conference on Frontotemporal Dementias (ICFTD). Munich, August 2016.
- ✓ Comunicación-póster: María José Gil Moreno, María Sagrario Manzano Palomo, María de la Luz Cuadrado Pérez, Alberto Rábano Gutiérrez. CEREBROVASCULAR PATHOLOGY IN FRONTOTEMPORAL LOBAR DEGENERATION: A NEUROPATHOLOGICAL STUDY. 10th International Conference on Frontotemporal Dementias (ICFTD). Munich, August 2016.
- ✓ COMUNICACION POSTER: María José Gil Moreno , María Sagrario Manzano Palomo , María Luz Cuadrado Pérez, Miguel Calero Lara , Alberto Rábano Gutiérrez. GENETIC POLIMORPHISMS IN FRONTOTEMPORAL LOBAR DEGENERATION. Alzheimer's Association International Conference. LONDON, July 2017.

PUBLICATIONS, PARTNERSHIPS:

National scope:

- Martin Fernandez Mayoralas D, Moreno Muñoz N, S Manzano Palomo, Campos Castello J. Acute hemiparesis in a boy with type 1 diabetes. *European Journal of Paediatric Neurology*. 2004, 8 (3): 161-164.
- Manzano S Palomo, Egido JA Herrero. Woman and 40 with vertigo, diplopia, dysarthria, nauseated and dismetría sudden onset and complete recovery. *Clinical Neurology Residents cases*. SEN, Edited and coordinated by Luzan, Madrid, 2004. pp: 19-22.
- Garcia Garcia ME, MS Palomo Manzano , JA Egido Herrero. Male 66 years with focal neurological deficits, seizures and fever. *Clinical Case Competition II Resident in Neurology*. SEN, Edited and coordinated by Luzan, Madrid, 2005. pp: 70-73.
- GarcíaGarcía ME, Manzano S. Palomo Garcia Garcia AM, J. Fernándezdel Val adult male with paresthesias in all four limbs months of evolution. *Clinical Case Competition III Resident in Neurology*. SEN, Edited and coordinated by Luzan, Madrid, 2006. pp: 197-199.
- MA Payno Vargas, S Manzano, C Villanueva Iza, MS Barquero Jimenez. *Secondary Dementias: diagnostic approach*. JANO, Oct 2004. Vol 67, No. 1537.
- Palomo Manzano S, De la Morena A, Barquero S. Neurotransmitters in Alzheimer's disease. *RevNeurol* 2006; 42: 350-3.
- Palomo Manzano S, M Urra KurtisGomezCaicoya A, Marcos A. Dolado posterior reversible encephalopathy syndrome. *Neurology* 2005; 20 (7): 380-381.
- MS Palomo Manzano, JA Egido. Secondary to pontine stroke foramen magnum meningioma. *RevNeurol* 2005; 40: 668-70.
- Manzano Palomo MS, Egido J Herrero, Saiz Ayala A, Jorquera Moya, M. Transient ischemic attack as an expression of dural venous sinus thrombosis. *Rev Neurol* 2006; 21 (3): 155-158.
- Manzano S. Palomo What kind of therapy can offer a patient with mild cognitive impairment ?. In *60 practical issues in geriatrics*. Perez Martinez Garcia Berbera D and publishers. Madrid, 2008: 25-28.
- Manzano S, JL Gonzalez, Marcos A, Payno M, Villanueva C, Matias Guiu J. Experimental models of Alzheimer's Disease. *Neurology*, 2009; 24 (4): 255-262.
- JL Gonzalez Gutierrez, MS Manzano Palomo, R. Garcia-Ramos García Parkinson's disease: dementia and behavioral disorders associated cognitvo. In: *Official Guide to*

clinical practice in dementias: concepts, criteria and recommendations Molinuevo JL 2009, Peña-Casanova J Editors. Barcelona, 2009: 101-115.

- A Pascual Ortiz, MS Manzano Palomo, A Berbel Garcia. vascularcognitiveimpairment. Lewybodydementia. frontotemporal dementia. O therdementias. Medicine 2011; 10 (76): 5145-55.
- Jose Octavio Rodriguez Gomez, Jose Luis GonzalezGutierrez, Cristina Valencia Sánchez, Sara García Ptacek, Alberto Marcos Dolado, Manzano Sagrario Palomo. The true efficiency of memory units. What's wrong ?. Alzheimer. Realities and research in dementia; 2013; Number 53: 32-38.
- GARCIA-PTACEK S 1 ERIKSDOTTER M , JELIC V , PORTA-ETESSAM J , KÅREHOLT I , MANZANOPALOMOS . SUBJECTIVE COGNITIVE IMPAIRMENT : TOWARDS EARLY IDENTIFICATION of ALZHEIMER'S DISEASE . Neurologia; APRIL 16. PII: S0213-4853 (13) 00052-2.
- David Andres Perez Martinez Palomo and Maria Sagrario Manzano. Legal aspects of Alzheimer's disease and other dementias. The Journal of Medical Responsibility. May 2014.
- Manzano S. Palomo Utility Souvenaid in mild to moderate DTA. Beyond the evidence. Trial to clinical practice: Souvenaid clinical experience. Coordinators: Martínez Pérez Fortea D and J. Ormaechea Provides CM, SL 2015: 57-60.
- María José Gil Moreno, María Sagrario Manzano Palomo, María Luz Cuadrado, Cristina Fernández Pérez , Elena Gómez Blázquez, Carmen Matesanz Blanco, Miguel Calero Lara, Alberto Rábano Gutiérrez del Arroyo. ARGYROPHILIC GRAINS PATHOLOGY: DEMOGRAPHICS, CLINICAL AND NEUROPATHOLOGICAL FEATURES IN FRONTOTEMPORAL LOBAR DEGENERATION. Journal of Alzheimer Disease. In press.

At international level:

- Gomez-Tortosa E, Waterman MS, Baron M, MJ Sainz, Manzano S, Payno M, Ros R, Almaraz C, Gómez-Garre P, Jiménez-Escrig A. Variability in age of onset familial Within siblings With Alzheimer's Disease. Arch Neurol, 2007; 64 (12): 1743-8.
- Sagrario M. Palomo and Adriano Jimenez-Escrig. Translating findings into genetics therapy in Parkinson Disease. Recent patents on CNS drug discovery, 2007; 2: 229-237.
- Palomo Manzano S¹, Rioja M², Kulisevsky J,³ Jimenez-Escrig A⁴. Clinical and functional description of a new form of autosomal recessive familial disease Parkinson's With late onset. J Neurol Neuroscience. J Neurol Neuroscience, 2010; 1, 3: 2.

- Manzano S, Baron M, Gomez-Tortosa E, MS Barquero Jimenez-Escrig A. Inheritance of Alzheimer's Disease Investigated by Complex Segregation Analysis J Neurol Neuroscience, 2010; 1, 3: 1 .
- Gomez-Tortosa E, Barquero S, Baron M, Gil-Neciga E, Castellanos F, Lefty M, Manzano S, Munoz DG, Jimenez-Huete A, Radish A, Sainz MJ, Guerrero R, Ruled J, Pérez-Pérez J, Jimenez-Escrig A. Clinical-Genetic correlations in familial Alzheimer's disease Caused by Presenilin 1 mutations. J AlzheimersDis. 2010; 19 (3): 873-84.
- Manzano Palomo Maria Sagrario. normalbrainaging. In: Alzheimer's Disease: Present and Future, Ed Santiago Ramirez, Mexico, 2010; (4). 47-57.
- David Andres Perez Martinez Palomo and Maria Manzano Sagrario .TREM2 Variants and Risk of Alzheimer's Disease. Brain Disorders and Therapy. 2014, 3: 3.

CLASSES / COURSES / MODERATION OF TABLES IN CONGRESS:

-Neuropsychological -Exploration neurological patient. PhD course: cerebral involution and dementia. University of Alcalá. Faculty of Medicine, May 2007, May 2008 Course Directors: Jose Manuel Serrano and Adriano Jimenez Ruled Escrig.

-Neurogenetic Short course. Foundation for Biomedical Research Hospital Universitario Ramón y Cajal. Familial Parkinson's Disease. In May 2007, February 2008, Course Director: Adriano Jimenez Escrig.

-Tardes Neurological Hospital Clínico San Carlos Madrid. "Alzheimer's: new therapeutic perspectives". January 29, 2009.

-From Mild cognitive impairment to Alzheimer's disease: a transverse and longitudinal view. PhD course Department of Medicine at the Complutense University of Madrid: Conference Update on cognitive decline. Director: Jesus Porta Etessam, March, 2009.

-Low Level of awareness and emergency department patients with cognitive impairment. Neurologic Emergencies course. Directors: Alberto Marcos, Javier del Val and Jesus Porta Etessam, May 19, 2009; May 17, 2010.

-Low Level of awareness and emergency department patients with cognitive impairment. Neurologic Emergencies course. Directors: Alberto Marcos, Javier del Val and Jesus Porta Etessam, May 17, 2010.

- First Conference Unit Study of Cognition and Behavior HCSC of Madrid. Directors: Alberto Marcos and Luis Gonzalez Gutierrez Jose. Lecture: T pharmacological erapias Alzheimer's disease: symptomatic treatments cognitive behavioral sphere. The future?. October 6, 2009.

-Days -II study unit Cognition and Conduct HCSC of Madrid. Directors: Manzano Sagrario Gonzalez Palomo and Jose Luis Gutierrez. Lecture: T pharmacological erapias Alzheimer's disease: symptomatic treatments cognitive behavioral sphere. The future?. October 14, 2010.

- Annual Meeting of the Spanish Society of Neurology. Barcelona, 2009. Joint Session of the study groups neurogeriatric and intensivists and critical neurological patients in neurology crossroads and "wills" medical. DIRECTORS: David Ezpeleta and David A. Perez Martinez. Table 1. neurological patients at the crossroads. Moderators: S Manzano. Clinical Hospital San Carlos. Madrid. Javier Carod Artal. Sarah Hospital. Brasilia D. Brazil.

- Evenings Neurological Hospital Clinico San Carlos in Madrid. "Hallucinations, delusions, behavioral disorders and treatment." 1 December 2009. Moderator: Manzano Sagrario Palomo.

- Cognitive Aspects of Multiple Sclerosis: approach and treatment. XIII Conference on Multiple Sclerosis. Mostoleña Multiple Sclerosis Association. University Hospital Alcorcón Foundation. June, 2010.

- Dementias ARC in 2011. Annual Review Congresses on Dementia. Speaker. Barcelona, February 2011.

- Brain aging. The vague boundary between normal and pathological. In: Neurodegenerative diseases: from molecular mechanisms to new treatments. Organizers: Dr. Bermejo and Dr. Zea. Madrid, March 2011.

- Chair of the Annual Meeting of the Group of Behavioral Neurology and Dementias SEN 2012, 2015, 2016, 2017.

- Moderator of the sixteenth meeting of the study group of Neurology Conduct and Dementias of SEN: "Language Disorders". Sevilla, April 2013.

- Moderator of the First Conference on "Adolescent Neurology: A Bridge between pediatrics and neurology. Neurodevelopmental table, Infanta Cristina Hospital, Parla, Madrid, October 2013.

- Speaker and moderator of the symposium: "New approach Disease Alzheimer mild stage." XII Annual Meeting of the Madrid Association of Neurology, Madrid, October 2014.

- Speaker of the VIII Conference of Neuropsychology. "Souvenaid: a new approach led to synaptic loss." Madrid, March 2015.

- SCIENTIFIC CONFERENCE "UPDATE ON COGNITIVE IMPAIRMENT." ISSUE 06. VIANORTE-LAGUNA, MADRID, 2015. FOUNDATION

- COORDINATOR AND TEACHER IN THE "COURSE ON DISEASE DUES AND TCAES ALZHEIMER. HOSPITAL INFANTA CRISTINA, PARLA MADRID, OCTOBER 2015.

- New treatments in Alzheimer's Disease. Where we go? Training course for residents in dementia field in Castilla la Mancha. May 2016.

- National Symposium of amyloid PET scans, III Jornada of Neuroimaging SEMNIM Group. Coordinators Javier Arbizu y Sagrario Manzano, Madrid, June 2016.

- Souvenaid: 20 years of research in Alzheimer's Disease. Sagrario Manzano Palomo, Lunch meeting: Annual Meeting of SEN, Valencia 2017.
- Approach to patient with cognitive impairment. Sagrario Manzano Palomo. Annual Meeting SEN, Valencia 2017.
- "Documento de consenso sobre el deterioro Cognitivo Leve en el Adulto Mayor". Speaker: Maria Sagrario Manzano. Chair: Carlos Marsal Alonso. Hospital Virgen de la Salud Toledo. February 2018.
- 24-month intervention with a specific multinutrient in people with prodromal Alzheimer's Disease (LipiDiDiet): a randomised. Double-blind, controlled trial". Lleida, March, 2018.
- Alzheimer's Disease: diagnostic advances and therapeutical challenges. Sagrario Manzano. III Course about Brain Injury Rehabilitation and "I Ciclo de formación en Neuropsicología". Universidad francisco de vitoria. Madrid. March, 2018.
- AUMEs in Alzheimer's Disease. "Evidencias en Medicina Geriátrica. Nutrición en geriatría. 8ª Reunión Nacional SEMEG", Barcelona, April 2018.

Theses and dissertations ADDRESSED:

1. DEA: frontotemporal lobar degeneration and obsessive compulsive symptoms associated. Saray Rodríguez Toledo. Clinical Hospital San Carlos. T uthors: Manzano Sagrario Palomo and Maria Isabel Ramos Garcia. In Madrid, September 2010.
2. Doctoral dissertation: Estudio on the state of oral health in patients with *cognitive impairment* who come to the Unit for the Study of Cognition and Behavior Neurology Department of the Hospital ClinicoUniversitario San Carlos. PhD candidate Beatriz Santiago. Directors: Maria Sagrario Manzano, Jose Rosado, Miguel Angel . Universidad Rey Juan Carlos, Madrid.
3. Doctoral thesis: clinical, neuropathological and molecular classification of the frontotemporal dementias: Analysis of common and specific features. PhD student: Maria Jose Gil. Cum laude. Directors: Maria Sagrario Manzano Palomo, Maria Luz Square, Alberto Radish. Complutense University of Madrid. February 1, 2016.
4. Observational, retrospective Study of Neuropsychiatric disorders associated to Frontotemporal Dementia and its course beyond the disease. Complutense University, Madrid, Spain. 2016.
Student: OCHOA LÓPEZ, CAROLINA
DNI: 46894228B
Tutor: Prof. David Pérez
Co-turor: Prof. Sagrario Manzano Palomo

CLINICAL TRIALS AND STUDIES TO PARTICIPATE IN:

1. The GENODEM Project (ongoing since 2001, December). Works as part of the research team, composed of Dr. Maria SagrarioBarquero (San Carlos Clinical Hospital), Adriano Jimenez Escrig (Ramon y Cajal Hospital), Estrella Gomez Tortosa (Jimenez Diaz Foundation) and Manuel Baron (Alcorcón Hospital Foundation), since September 2003.

2. The Reach Registry (international prospective observational registry in subjects at risk for atherothrombotic events). Started in 2004. Duration: 3 years. responsible, Dr Egido (unit of cerebrovascular pathology, San Carlos Clinical Hospital).

3. KAPA: multicenter, randomized, open, to assess the appropriateness, based on security, the change in the route of administration of rivastigmine (step administration in capsule form for administration, as patches) in patients with Alzheimer's.

Multicenter, randomized, open trial for the evaluation of the convenience, taking care the security, administration of changing the pathway of rivastigmine (change the administration pills to patches administration pathway pathway) in Patients With Alzheimer's disease.

Code of test: CENA 713DESO7.

Laboratory name holder: Novartis pharmaceutical sa

Principal Investigator: Jorge MatiasGuiuGuia.

Finalized.

4. ATLAS study: caregiver burden and therapeutic compliance in the first six months after diagnosis of Alzheimer's disease.

Burden of the caretaker and therapeutic fulfillment in the first six months after Alzheimer's disease diagnosis.

Test code: a2501064.

Laboratory name holder: Pfizer sa

Principal Investigator: Luis GonzalezGutierrez Jose.

Finalized.

5. CASUAL study: Observational epidemiological study on evaluation of the quality of sleep in patients with mild to moderate Alzheimer's disease in clinical practice.

Epidemiological, observational study acerca dream quality evaluation in Patients With mild to moderate Alzheimer's disease in the daily clinical Practise.

Test code: jan-dem-2008-01.

Principal investigator: Maria Sagrario Barquero, Cristobal Carnero.
Finalized.

6. Clinical Trial: Evaluation of the effect of 6 months of treatment with V0191 on the evolution of symptoms in patients with mild cognitive impairment. multicenter, randomized, double-blind, placebo-controlled parallel group.

Pierre Fabre code: V0191 PO 202

Promoter: Pierre Fabre Medicament.

CRO: CABYC, SL

Principal Investigator: Jorge MatiasGuiuGuia

Finalized.

7. Research project: "Registering cases of patients with dementia and behavioral symptoms and response to treatment with atypical neuroleptics: New Strategies".

Studycode: 10/120-E

Principal Investigator: Maria Manzano Sagrario Palomo.

Start date: May 2010.

Duration: 6 months.

8. Project research: multidisciplinary study of anatomical and functional connectivity in patients with mild cognitive impairment for early diagnosis of Alzheimer's disease.

codename: Mnemos.

Principal Investigator: Fernando Maeztu.

Financing: Ministry of Science and Technology.

Start date: October 15, 2010.

Duration: 2 years.

9. Clinical trial: "Efficacy and safety of 3 doses of S38093 (2, 5 and 20 mg / day) versus placebo, associated with donepezil (10 mg / day) in patients with moderate Alzheimer's disease Phase IIb study, international. multicenter, randomized, double-blind, placebo-controlled 24-week duration.

Test code: CL2-38093-012

Laboratory name holder: Servier

10. File Nº DTS15/00141. FIS 2015: Evaluation of the impact of Amyloid in the diagnosis and clinical control of patients evaluated with cognitive impairment and in which there is the suspect of Alzheimer's Disease. Main researcher: Javier Arbizu. Co-investigadora.

11. *GAAIN (Global Alzheimer's Association Interactive Network)*: Collaboration with Neurology Department, Infanta Cristina Hospital, Madrid, Spain. Neuroimaging laboratory Project of Southern California University. Co-investigator, may 2106.

OTHERS:

-Collaborator with FAE (Alzheimer Foundation Spain) with a radio program: "Alzheimer consultation with Dr. Sagrario Manzano".

LANGUAGES:

- **English** : First Certificate Level (approved in December 2000). Subsequently made other courses at the British Council (Level 6A: ADVANCED).
- **course online training tutorials. Inglés for doctors (English for Doctors): Making medical presentations (presentations in the medical field)** –Level Advanced (ED 2010.).Accredited by SEAFORMEC. Spanish Accreditation System of Continuing Medical Education. General Council of Associations of Physicians. (registration No 0459/03/2010).



Madrid, 18th April 2018

Maria Sagrario Manzano Palomo,MD, PhD