

CV Date	05/10/2022
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Part A. PERSONAL INFORMATION

First Name *	Marta		
Family Name *	Rapado Castro		
Sex*	Female	Date of Birth *	05/10/1982
ID number Social Security, Passport *	123456789	Phone Number *	91 123 45 67 89
URL Web			
Email Address	mrapado@iisgm.com		
Researcher's identification number	Open Researcher and Contributor ID (ORCID) *	0000-0001-8484-6051	
	Researcher ID	H-6481-2015	
	Scopus Author ID	24512520700	

* Mandatory

A.1. Current position

Job Title	Ramon y Cajal Senior Research Fellow, PDI Complutense University of Madrid		
Starting date	2019		
Institution	Institute de Investigacion Sanitaria, IISGM. Hospital General Universitario Gregorio Maranon, HGGM. UCM		
Department / Centre	Department of Child and Adolescent Psychiatry, Institute of Psychiatry and Mental Health, HGGM / School of Medicine		
Country		Phone Number	
Keywords	Cognitive neuroscience; Cognitive development; Neuropsychology; Psychological treatment		

A.3. Education

Degree/Master/PhD	University / Country	Year
Master's Degree on Research Methodology: Statistics and Study Design in Health Sciences	Universitat Autònoma de Barcelona	2012
PhD in Medicine	Universidad de Navarra / Spain	2009
Neuroscience and Cognition Doctoral and Master's Degree Program	Universidad de Navarra / Spain	2006
Master's Degree in Intervention in Anxiety and Stress Disorders (MPsych Accredited Health Psychologist)	Universidad Complutense de Madrid / Spain	2004
Honours Degree in Psychology	Universidad Pontificia de Salamanca / Spain	2003

A.4. General quality indicators of scientific production

PhD thesis supervised in the last 10 years: 6 (3 PhD Thesis registered, 2 PhD dissertation summa Cum Laude, 1 PhD Outstanding); Master's thesis supervised: 9 (2 outstanding, 5 remarkable-, 2 MSc Thesis registered); Indexed publications (JCR): 93; Sum of the times cited (JCR): 1472; Average Citations per year (JCR): 98,184; Average Citations per Item (JCR): 17,52; WoS H Index: 24; Scopus citations: 2354; Scopus H Index: 27; Google scholar citations: 3069; Google scholar H Index: 29; Google scholar i10 Index: 39; ResearchGate Citations: 2491.

Part B. CV SUMMARY

I am a Ramon y Cajal Senior Research Fellow at the Child and Adolescent Psychiatry Department, University General Hospital Gregorio Marañón, IISGM, CIBERSAM; Teaching and Research staff (PDI) at the School of Medicine, Complutense University, Madrid, Spain; and Honorary Research Fellow at the Melbourne Neuropsychiatric Centre, University of Melbourne, Australia. I have been participating on research and clinical programs in Youth Mental Health since 2003 (28 research projects - 4 of them as principal investigator (PI)- and 9 clinical trials -2 of them as a PI). The excellence of my research has been recognized by a number of national and internationally competitive fellowships (11), grants (27 -4 as a PI) and awards (18). I have published 93 indexed publications (Scopus h-index =27), 20 book chapters and 3 books and I have 2 registered patents. I am currently establishing an area of research which tries to elucidate neurobiological correlates of cognitive function and symptoms in order to identify biomarkers and new targets for early intervention in psychiatry.

Part C. RELEVANT ACCOMPLISHMENTS

C.1. Publications

AC: corresponding author. (n° x / n° y): position / total authors. If applicable, indicate the number of citations

- 1 **Scientific paper.** Marques-Feixa, Laia; Castro-Quintas, Águeda; Palma-Gudiel, Helena; et al; Rapado-Castro, Marta; Marín-Vila, María. (6/26). 2022. Secretory immunoglobulin A (s-IgA) reactivity to acute psychosocial stress in children and adolescents: The influence of pubertal development and history of maltreatment *Brain, Behavior, and Immunity*. 103, pp.122-129. ISSN 0889-1591.
- 2 **Scientific paper.** Salazar de Pablo, Gonzalo; Moreno, Dolores; Gonzalez-Pinto, Ana; et al; Moreno, Carmen (AC). (10/10). 2021. Affective symptom dimensions in early-onset psychosis over time: a principal component factor analysis of the Young Mania Rating Scale and the Hamilton Depression Rating Scale *European Child & Adolescent Psychiatry*. ISSN 1435-165X. WOS (1)
- 3 **Scientific paper.** de Arriba-Enríquez, J.; Sanz-Casado, E.; Vieta, E.; Rapado-Castro, M. (AC); Arango, C.(4/5). 2021. Quality of care in psychiatry is related to research activity.*European psychiatry : the journal of the Association of European Psychiatrists*. pp.1-16. ISSN 1778-3585. <https://doi.org/10.1192/j.eurpsy.2021.16>
- 4 **Scientific paper.** Rapado-Castro, M. (AC); Arango, C.(1/2). 2021. Building up resilience in an uncertain world: mental health challenges in the aftermath of the first modern pandemic *Eur Arch Psychiatry Clin Neurosci*. pp.1-3. ISSN 0940-1334.
- 5 **Scientific paper.** Marques-Feixa, L.; Palma-Gudiel, H.; Romero, S.; et al; Rapado-Castro, M.; Fañanás, L.(5/14). 2021. Childhood maltreatment disrupts HPA-axis activity under basal and stress conditions in a dose-response relationship in children and adolescents *Psychol Med*. pp.1-14. ISSN 0033-2917.
- 6 **Scientific paper.** Rapado-Castro, M. (AC); Villar-Arenzana, M.; Janssen, J.; et al; Arango, C.(1/16). 2021. Fronto-Parietal Gray Matter Volume Loss Is Associated with Decreased Working Memory Performance in Adolescents with a First Episode of Psychosis *Journal of Clinical Medicine*. 10-17. ISSN 2077-0383. <https://doi.org/10.3390/jcm10173929>
- 7 **Scientific paper.** Ibáñez-Samaniego, L.; Rapado-Castro, M.; Cabrero, L.; et al; Garcia-Martinez, R.(1/11). 2021. Hepatitis C eradication improves cognitive function in patients with or without cirrhosis: A prospective real-life study *Eur J Neurol*. ISSN 1351-5101. <https://doi.org/10.1111/ene.15138>
- 8 **Scientific paper.** Revet, A.; Hebebrand, J.; Anagnostopoulos, D.; Kehoe, L. A.; Gradl-Dietsch, G.; COVID-19 Child and Adolescent Psychiatry Consortium; Klauser, P.2021. Perceived impact of the COVID-19 pandemic on child and adolescent psychiatric services after 1 year (February/March 2021): ESCAP CovCAP survey *Eur Child Adolesc Psychiatry*. pp.1-8. ISSN 1018-8827.

- 9 **Scientific paper.** De la Serna, E.; Puig, O.; Mezquida, G.; et al; PEP's Group. 2021. Relationship between cognition and age at onset of first-episode psychosis: comparative study between adolescents, young adults, and adults Eur Child Adolesc Psychiatry. ISSN 1018-8827.
- 10 **Scientific paper.** Marques-Feixa, L.; Moya-Higueras, J.; Romero, S.; et al; Rapado-Castro, M.; Epi-Young Stress, Group. (5/16). 2021. Risk of Suicidal Behavior in Children and Adolescents Exposed to Maltreatment: The Mediating Role of Borderline Personality Traits and Recent Stressful Life Events J Clin Med. 10-22. ISSN 2077-0383.
- 11 **Scientific paper.** Molina-García, Mariola; Fraguas, David; del Rey-Mejías, Ángel; et al; Parellada, Mara (AC). (21/21). 2021. The Role of Premorbid IQ and Age of Onset as Useful Predictors of Clinical, Functional Outcomes, and Recovery of Individuals with a First Episode of Psychosis Journal of Clinical Medicine. 10-11. ISSN 2077-0383. WOS (2) <https://doi.org/10.3390/jcm10112474>
- 12 **Scientific paper.** Rapado-Castro, Marta; Whittle, Sarah; Pantelis, Christos; et al; Bartholomeusz, Cali F. (1/12). 2020. Does cortical brain morphology act as a mediator between childhood trauma and transition to psychosis in young individuals at ultra-high risk? Schizophrenia research. ISSN 1573-2509. WOS (2) <https://doi.org/10.1016/j.schres.2020.09.017>
- 13 **Scientific paper.** Ferraro, L.; La Cascia, C.; Quattrone, D.; et al; Di Forti, M. 2020. Premorbid Adjustment and IQ in Patients With First-Episode Psychosis: A Multisite Case-Control Study of Their Relationship With Cannabis Use. Schizophrenia bulletin. 46-3, pp.517-529. ISSN 1745-1701.
- 14 **Scientific paper.** Gayer-Anderson, Charlotte; Jongsma, Hannah E.; Di Forti, Marta; et al; Morgan, Craig. 2020. The European Network of National Schizophrenia Networks Studying Gene-Environment Interactions (EU-GEI): Incidence and First-Episode Case-Control Programme Social psychiatry and psychiatric epidemiology. 55-5, pp.645-657. ISSN 1433-9285.
- 15 **Scientific paper.** Tripoli, Giada; Quattrone, Diego; Ferraro, Laura; et al; {Di Forti}, Marta. 2020. Jumping to conclusions, general intelligence, and psychosis liability: findings from the multi-centre EU-GEI case-control study. Psychological medicine. pp.1-11. ISSN 1469-8978.
- 16 **Scientific paper.** Quattrone, Diego; Ferraro, Laura; Tripoli, Giada; et al; {Di Forti}, Marta. 2020. Daily use of high-potency cannabis is associated with more positive symptoms in first-episode psychosis patients: the EU-GEI case-control study. Psychological medicine. pp.1-9. ISSN 1469-8978.
- 17 **Scientific paper.** Jongsma, Hannah E; Gayer-Anderson, Charlotte; Tarricone, Ilaria; et al; Kirkbride, James B. 2020. Social disadvantage, linguistic distance, ethnic minority status and first-episode psychosis: results from the EU-GEI case-control study. Psychological medicine. pp.1-13. ISSN 1469-8978.
- 18 **Scientific paper.** Rodriguez Toscano, E.; López, G.; Mayoral, M.; Lewis, S.; Lees, J.; Drake, R.; Arango, C.; Rapado Castro, M. (8/8). 2020. A longitudinal comparison of two neurocognitive test batteries in patients with schizophrenia and healthy volunteers: Time effects on neuropsychological performance and their relation to functional outcome. Schizophrenia research. 216, pp.347-356. ISSN 1573-2509. WOS (2) <https://doi.org/10.1016/j.schres.2019.11.018>
- 19 **Scientific paper.** Schürhoff, Franck; Pignon, Baptiste; Lajnef, Mohamed; et al; Szöke, Andrei. 2020. Psychotic Experiences Are Associated With Paternal Age But Not With Delayed Fatherhood in a Large, Multinational, Community Sample. Schizophrenia bulletin. 46-5, pp.1327-1334. ISSN 1745-1701.
- 20 **Scientific paper.** Rapado Castro, M. (AC); Moreno, C.; Ruíz Sancho, A.; Camino, F.; Arango, C.; Mayoral, M. (1/6). 2019. Role of Executive Function in Response to a Problem Solving Based Psychoeducational Intervention in Adolescents with Psychosis: The PIENSA Trial Revisited. Journal of clinical medicine. 8-12. ISSN 2077-0383. <https://doi.org/10.3390/jcm8122108>

- 21 **Scientific paper.** Di Forti, M.; Quattrone, D.; Freeman, TP.; et al; EU-GEI WP2 Group.2019. The contribution of cannabis use to variation in the incidence of psychotic disorder across Europe (EU-GEI): a multicentre case-control study.The lancet. Psychiatry. ISSN 2215-0374.
- 22 **Scientific paper.** Sanchez Moreno, J.; Bonnin, CM.; González Pinto, A.; et al; Vieta, E.2018. Factors associated with poor functional outcome in bipolar disorder: sociodemographic, clinical, and neurocognitive variables.Acta psychiatrica Scandinavica. 138-2, pp.145-154. ISSN 1600-0447.
- 23 **Scientific paper.** Allott, KA.; Yuen, HP.; Bartholomeusz, CF.; et al; Rapado Castro, M.; Garner, B.(4/17). 2018. Stress hormones and verbal memory in young people over the first 12 weeks of treatment for psychosis.PSYCHIATRY RESEARCH. 260, pp.60-66. ISSN 1872-7123.
- 24 **Scientific paper.** Jongsma, HE.; Gayer Anderson, C.; Lasalvia, A.; et al; Kirkbride, JB.2018. Treated Incidence of Psychotic Disorders in the Multinational EU-GEI Study.JAMA PSYCHIATRY. 75-1, pp.36-46. ISSN 2168-6238.
- 25 **Scientific paper.** Allott, K.; Fraguas, D.; Bartholomeusz, CF.; et al; Rapado Castro, M.(11/11). 2017. Duration of untreated psychosis and neurocognitive functioning in first-episode psychosis: a systematic review and meta-analysis.PSYCHOLOGICAL MEDICINE. pp.1-18. ISSN 1469-8978. WOS (15) <https://doi.org/10.1017/S0033291717003002>
- 26 **Scientific paper.** Castro Fornieles, J.; Bargalló, N.; Calvo, A.; et al; Rapado Castro, M.; de la Serna, E.(12/13). 2017. Gray matter changes and cognitive predictors of 2-year follow-up abnormalities in early-onset first-episode psychosis.EUROPEAN CHILD & ADOLESCENT PSYCHIATRY. ISSN 1435-165X. <https://doi.org/10.1007/s00787-017-1013-z>
- 27 **Scientific paper.** Rapado Castro, M.; Dodd, S.; Bush, AL.; Malhi, GS.; Skvarc, DR.; On, ZX.; Berk, M.; Dean, OM.(1/8). 2017. Cognitive effects of adjunctive N-acetyl cysteine in psychosis.PSYCHOLOGICAL MEDICINE. 47-5, pp.866-876. ISSN 1469-8978. WOS (58) <https://doi.org/10.1017/S0033291716002932>
- 28 **Scientific paper.** Sanchez Moreno, J.; Bonnin, C.; González Pinto, A.; et al; CIBERSAM Functional Remediation Group. 2017. Do patients with bipolar disorder and subsyndromal symptoms benefit from functional remediation? A 12-month follow-up study.EUROPEAN NEUROPSYCHOPHARMACOLOGY. En prensa. ISSN 1873-7862.
- 29 **Scientific paper.** Romero, M; Aguilar, JM; Del Rey, A; et al; Rapado-Castro, M; Lara, JP. (5/9). 2016. Psychiatric comorbidities in autism spectrum disorder: A comparative study between DSM-IV-TR and DSM-5 diagnosis INTERNATIONAL JOURNAL OF CLINICAL AND HEALTH PSYCHOLOGY. 16-3, pp.266-275. WOS (5)
- 30 **Scientific paper.** Anaya, C.; Torrent, C.; Caballero, FF.; Vieta, E.; Bonnin, Cdel M.; Ayuso Mateos, JL.; CIBERSAM Functional Remediation Group.2016. Cognitive reserve in bipolar disorder: relation to cognition, psychosocial functioning and quality of life.Acta psychiatrica Scandinavica. 133-5, pp.386-484. ISSN 1600-0447. WOS (15)
- 31 **Scientific paper.** Bonnin, CM; Reinares, M; Martinez-Aran, A; et al; CIBERSAM Functional Remediation Group.2016. Effects of functional remediation on neurocognitively impaired bipolar patients: enhancement of verbal memory PSYCHOLOGICAL MEDICINE. CIBERSAM Functional Remediation Gr. 46-2, pp.291-301. ISSN 0033-2917. WOS (10)
- 32 **Scientific paper.** Bonnin, CM.; Torrent, C.; Arango, C.; et al; CIBERSAM Functional Remediation Group.2016. Functional remediation in bipolar disorder: 1-year follow-up of neurocognitive and functional outcome.BRITISH JOURNAL OF PSYCHIATRY. 208-1, pp.87-180. ISSN 1472-1465. WOS (12)
- 33 **Scientific paper.** Calvo, Ana; Moreno, Miguel; Ruiz-Sancho, Ana; Rapado-Castro, Marta; Moreno, Carmen; Sanchez-Gutierrez, Teresa; Arango, Celso; Mayoral, Maria. (4/8). 2015. Psychoeducational Group Intervention for Adolescents With Psychosis and Their Families: A Two-Year Follow-Up JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY. ELSEVIER SCIENCE INC. 54-12, pp.984-990. ISSN 0890-8567. WOS (4) <https://doi.org/10.1016/j.jaac.2015.09.018>

- 34 **Scientific paper.** Rapado-Castro, Marta (AC); Bartholomeusz, Cali F.; Castro-Fornieles, Josefina; et al; Arango, Celso. (1/13). 2015. Gender effects on brain changes in early-onset psychosis EUROPEAN CHILD & ADOLESCENT PSYCHIATRY. SPRINGER. 24-10, pp.1193-1205. ISSN 1018-8827. WOS (2) <https://doi.org/10.1007/s00787-014-0669-x>
- 35 **Scientific paper.** Rapado-Castro, Marta; McGorry, Patrick D.; Yung, Alison; Calvo, Ana; Nelson, Barnaby. (1/5). 2015. Sources of clinical distress in young people at ultra high risk of psychosis SCHIZOPHRENIA RESEARCH. ELSEVIER SCIENCE BV. 165-1, pp.15-21. ISSN 0920-9964. WOS (9) <https://doi.org/10.1016/j.schres.2015.03.022>
- 36 **Scientific paper.** van Os, J.; Rutten, BP.; Myin Germeys, I.; et al; Rapado, M.; Mirjanic, T.(75/187). 2014. Identifying gene-environment interactions in schizophrenia: contemporary challenges for integrated, large-scale investigations.SCHIZOPHRENIA BULLETIN. 40-4, pp.729-736. ISSN 1745-1701. WOS (44)
- 37 **Scientific paper.** Torrent, Carla; Bonnin, Caterina del Mar; Martinez-Aran, Anabel; et al; Rapado-Castro, Marta; Vieta, Eduard. (46/48). 2013. Efficacy of Functional Remediation in Bipolar Disorder: A Multicenter Randomized Controlled Study AMERICAN JOURNAL OF PSYCHIATRY. AMER PSYCHIATRIC PUBLISHING, INC. 170-8, pp.852-859. ISSN 0002-953X. WOS (114)
- 38 **Scientific paper.** Bombin, I.; Mayoral, M.; Castro-Fornieles, J.; et al; Rapado-Castro, M.; Arango, C.(6/12). 2013. Neuropsychological evidence for abnormal neurodevelopment associated with early-onset psychoses PSYCHOLOGICAL MEDICINE. CAMBRIDGE UNIV PRESS. 43-4, pp.757-768. ISSN 0033-2917. WOS (21)
- 39 **Scientific paper.** Arango, Celso; Rapado-Castro, Marta; Reig, Santiago; et al; Desco, Manuel. (2/14). 2012. Progressive Brain Changes in Children and Adolescents With First-Episode Psychosis JAMA PSYCHIATRY. AMER MEDICAL ASSOC. 69-1, pp.16-26. ISSN 0003-990X. WOS (64)
- 40 **Artículo en prensa.** Bonnin M; Torrent C; Arango C; et al; CIBERSAM Functional Remediation Group. 2017. One-year follow-up of functional remediation in bipolar disorder: neurocognitive and functional outcome.BRITISH JOURNAL OF PSYCHIATRY.

C.3. Research projects and contracts

- 1 **Project.** U01MH124639, PRONET: Psychosis-Risk Outcomes Network.. National Institutes of Health (NIH). The Accelerating Medicines Partnership (AMP).. Arango C. (Hospital General Universitario Gregorio Marañón). 2020-2025. 54.160.120 €. Collaborator
- 2 **Project.** PI21/00701, Identificando los correlatos de neuroimagen de la función ejecutiva a lo largo del continuum de la psicosis: Un estudio en adolescentes y adultos jóvenes.. Instituto de Salud Carlos III. Marta Rapado Castro. (Hospital General Universitario Gregorio Marañón). 2022-2024. 117.370 €. Principal investigator.
- 3 **Project.** FAK18, Combination of treatment with N-acetyl Cysteine (NAC) and cognitive training to promote changes in behavioral and neural activation patterns that underlie cognitive deficit in adolescent psychosis. Koplowitz Foundation. Marta Rapado Castro. (Hospital General Universitario Gregorio Marañón). 2019-2021. 50.000 €. Principal investigator.
- 4 **Project.** PI18/00753, Longitudinal study of oxidative and neuroinflammatory markers of cognitive function in early episodes of adolescent psychosis.. Instituto de Salud Carlos III. Marta Rapado Castro. (Hospital General Universitario Gregorio Marañón). 2019-2021. 111.320 €. Principal investigator.
- 5 **Project.** B2017/BMD-3740, Genes and Environment in Schizophrenia – Research Groups from the Autonomous Community of Madrid (AGES-CM-2). Comunidad de Madrid. Celso Arango. (Hospital General Universitario Gregorio Marañón). 2018-2021. 934.226 €. Team member.
- 6 **Project.** Mecanismos etiofisiopatológicos implicados en la pérdida progresiva de la sustancia gris cerebral en niños y adolescentes con un primer episodio psicótico.. Fundación Familia Alonso. Arango C. (Hospital General Universitario Gregorio Marañón). 2017-2021. 640.000 €. Collaborator.

- 7 Project.** A combination of two treatment strategies to promote changes in behavioral and neural activation patterns underlying cognitive deficits in adolescent psychosis. Brain and Behaviour Research Foundation NARSAD. Marta Rapado Castro. (Hospital General Universitario Gregorio Marañón). 2016-2018. 100.000 €. Principal investigator. Principal investigator
- 8 Project.** SAM15PINT1512, Maternal prenatal stress and HPA axis sensitization mediated by 11 β -HSD2 gene epigenetic signatures and its interplay with childhood psychosocial stress in explaining risk for psychopathology in adolescence. Intramural CIBERSAM. Rapado M. (CONSORCIO CIBER PARA EL AREA TEMATICA DE SALUD MENTAL (CIBERSAM)). 2016-2018. 25.000 €. Principal investigator. Principal investigator. Coordinator: Lourdes Mañanas Institutions: Universidad de Barcelona, Hospital Universitario Ramón y Cajal, Hospital General Universitario Gregorio Marañón, Hospital Clinico d...
- 9 Project.** PI15/00723, Multicentre study on the epigenetic signatures and peripheral immunological biomarkers of psychiatric disorders in children and adolescents with childhood maltreatment.. CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA; Instituto de Salud Carlos III. (Hospital General Universitario Gregorio Marañón). 2016-2018. 16.500 €. Principal investigator. Principal investigator. Coordinator: Lourdes Mañanas Institutions: Universidad de Barcelona, Hospital General Universitario Gregorio Marañón, Hospital Clinico de Barcelona, Hospital Santiago Apostol...
- 10 Project.** PIE14/00031, Understanding obesity (Ob), metabolic syndrome (MetS), type 2 diabetes (T2DM) and fatty liver disease (FL): a multidisciplinary approach. Proyectos excelencia interCIBER. Fondo de Investigaciones Sanitarias. Instituto de Salud Carlos III. Ministerio de Economía y Competitividad. Rapado M. (Hospital General Universitario Gregorio Marañón). 2015-2017. 660.000 €. Team member. Research collaborator
- 11 Project.** I EPSS system number: 603196, Translating neuroimaging findings from research into clinical practice (PSYSCAN). 7^o Framework Programme (EU). Celso Arango. (CONSORCIO CIBER PARA EL AREA TEMATICA DE SALUD MENTAL (CIBERSAM)). 2013-2017. 421.743 €. Research fellow. Associated investigator
- 12 Project.** EPSS system number: 242114., OPTimization of Treatment and Management of Schizophrenia in Europe (OPTiMiSE). Large Scale Integrating project. Seventh Framework Programme (FP7). René S. Kahn. (Hospital General Universitario Gregorio Marañón). 2010-2016. Others. Researcher therapist collaborator.
- 13 Project.** CIBERSAM; Intramural 13CINT1, Effect of a 48-week course of N-acetylcysteine (NAC) as add-on treatment on gray matter loss and oxidative metabolism, symptoms and functioning in early-onset first-episode psychosis: a randomized, double-blind, placebo-controlled clinical trial. CONSORCIO CIBER PARA EL AREA TEMATICA DE SALUD MENTAL (CIBERSAM); Intramural. Celso Arango. (Hospital General Universitario Gregorio Marañón). 2013-2015. 35.500 €. Team member. Investigador colaborador
- 14 Project.** PI12/1303, Neurobiological study of cerebral gray matter loss in first episodes of early onset psychosis. Health Research Found (FIS), Carlos III Health Institute, Spanish Ministry of Economy and Competitiveness. Celso Arango. (Hospital General Universitario Gregorio Marañón). 2013-2015. 341.220 €. Team member. Research collaborator
- 15 Project.** S2010/BMD-2422, Genes and Environment in Schizophrenia – Research Groups from the Autonomous Community of Madrid (AGES).. Comunidad de Madrid. Celso Arango López. (Hospital General Universitario Gregorio Marañón). 2012-2015. 758.900 €. Team member. Research collaborator
- 16 Project.** EPSS system number: 241909, European Network of National Schizophrenia Networks Studying Gene-Environment Interactions (EU-GEI). Large Scale Integrating project. Comisión Europea. Jim van Os. (Hospital General Universitario Gregorio Marañón). 2010-2015. Others. Research Collaborator
- 17 Project.** EC11-093, Effect of 24-week fatty acids Omega-3 treatment on loss of gray matter per year and oxidative metabolism in patients with first-episode psychosis: a randomised double-bind crossover placebo-controlled trial. Ministry of Health, Social Policy and Equality. Celso Arango López. (Hospital General Universitario Gregorio Marañón). 2012-2014. 164.000 €. Team member. Research collaborator

- 18 Project.** FAK 2012, Oxidative and Neuroinflammatory Markers of Cognitive Dysfunction and Negative Symptoms in First Episodes of Early Onset Psychosis: Longitudinal Study using Magnetic Resonance Spectroscopy. Alicia Koplowitz Foundation. Marta Rapado Castro. (Hospital General Universitario Gregorio Marañón). 2012-2014. 50.000 €. Principal investigator. Principal Investigator
- 19 Project.** QA2012146, Sources of clinical distress in young people at ultra high risk of psychosis. Personal Assessment and Crisis Evaluation, PACE clinic, Orygen Youth Health Research Centre, University of Melbourne. Barnaby Nelson. (University of Melbourne). 2013-2013. Team member. Research Collaborator
- 20 Project.** EC011-093, Efecto del tratamiento con NAC durante 48 semanas sobre la pérdida de sustancia gris al año y el metabolismo oxidativo en pacientes con primeros episodios psicóticos de inicio temprano: ensayo clínico randomizado doble ciego controlado con placebo. Ministerio de Sanidad y Consumo. Celso Arango. (Hospital General Universitario Gregorio Marañón). 2012-2013. 164.000 €. Team member. Investigador colaborador
- 21 Project.** SHARP Study: Stress and hypothalamic-pituitary-adrenal (HPA) axis functioning in early onset psychosis and its relationship with clinical and neuropsychological characteristics.. National Health and Medical Research Council (NHMRC) Australia.. (ORYGEN). 2012-2012. Honorary research collaborator. Honorary researcher
- 22 Project.** PS09/01442, Etiopathophysiological mechanisms of gray matter loss in early-onset first episode psychoses. A study based on a human and animal model.. Health Research Found (FIS). Celso Arango López. (Hospital General Universitario Gregorio Marañón). 2010-2012. Others. Research collaborator
- 23 Project.** Memory, concentration and planning abilities in schizophrenia: A comparison of two assessment packages. Comisión Europea. Shitip Kapur. (Hospital General Universitario Gregorio Marañón). 2010-2012. Others. Research collaborator
- 24 Project.** EC07/90293, Double-blind controlled placebo clinical trial of the efficacy of reboxetine and citalopram as an adjunct treatment to second generation antipsychotics in the treatment of negative symptoms in schizophrenia.. Health Research Found (FIS), Carlos III Health Institute, Spanish Ministry of Health and Consume.. Celso Arango López. (Hospital General Universitario Gregorio Marañón). 2008-2010. Others. Research collaborator
- 25 Project.** Implication of catechol-O-metil transferasa (COMT) gen in cognition and as a risk factor for schizophrenia in its interaction with neurodevelopmental disturbances as measured by neurological soft signs.. Mutua Madrileña Medical Research Foundation. Celso Arango. (Hospital General Universitario Gregorio Marañón). 2008-2010. Others. Research collaborator
- 26 Project.** PI06/1025, Study of the efficacy of a Psychoeducational Treatment for Patients with Early Psychosis and their Families.. Health Research Found (FIS). Ana Ruíz Sancho Puesto. (Hospital General Universitario Gregorio Marañón). 2006-2010. Others. Research Collaborator. Therapist for the group of adolescents/parents.
- 27 Project.** Cross-Cultural Utility of Intermediate Measures (CIM) as a part of MATRICS-CT, Validation of Intermediate Measures (VIM) from the MATRICS study. UTHSCSA The University of Texas Health Science Center, San Antonio & the MATRICS-group. Dawn Velligan. (Hospital General Universitario Gregorio Marañón). 2008-2009. Others. Research collaborator
- 28 Project.** Implication of three genetic polymorphisms (COMT, DRD3, BDNF) in psychosis: Association to prefrontal cognitive performance and neurological soft signs in early onset psychosis and their first degree relatives.. Alicia Koplowitz Foundation. Arantazu Zabala Rabadán. (Hospital General Universitario Gregorio Marañón). 2006-2008. Others. Research collaborator
- 29 Project.** 115916 PRISM, Psychiatric Ratings using Intermediate Stratified Markers (PRISM): Providing quantitative biological measures to facilitate the discovery and development of new treatments for social and cognitive deficits in Alzheimer's disease, schizophrenia and depression. IMI2- H2020-JTI-IMI2_2015-03. (Hospital General Universitario Gregorio Marañón). From 2016. 648.000 €. Team member.

C.4. Activities of technology / knowledge transfer and results exploitation

- 1 Marta Rapado Castro. 16 /2009/ 168. Programa psicoeducativo para padres de niños con TDAH (Trastorno por Déficit de Atención e Hiperactividad). Psychoeducational Program for parents of children with ADHD (Attention Deficit and Hyperactivity Disorder) Spain. 2009.
- 2 Marta Rapado Castro; I Incera Torres; A Diez Martínez de Morentin. 16 /2010/ 465. Manual de técnicas de Relajación para ser aplicadas por personal de enfermería: Protocolo de entrenamiento en relajación para enfermería. Relaxation Training Protocol for Nursing in Mental Health Spain. 2008.

C.5. Stays in public or private R&D centres

- 1 University of California San Francisco Mental Health Services. The Vinogradov Laboratory Department of Psychiatry. United States of America. San Francisco. 2015-2015. 7 days. Visiting Researcher.
- 2 The University of Melbourne. Department of Psychiatry. Australia. Melbourne. 2012-2014. 2 years. Post-doctoral.
- 3 IMPACT Strategic Research Centre (Innovation in Mental and Physical Health and Clinical Treatment) Barwon Psychiatric Research Unit, Barwon Mental Health. Australia. Melbourne. 2012-2014. 24 months. Post-doctoral.
- 4 Orygen Youth Health Research Centre, Orygen Youth Health, The University of Melbourne. . Australia. Melbourne. 2013-2013. 6 months. Post-doctoral.
- 5 Monash University. Monash Clinical and Imaging Neuroscience (MCIN) Laboratory, School of Psychology & Psychiatry. Australia. Melbourne. From 2014. 3 months. Post-doctoral.
- 6 Melbourne Neuropsychiatry Centre, Department of Psychiatry, The University of Melbourne. Australia. Melbourne. From 2013. 18 months. Post-doctoral.
- 7 Orygen Youth Health, The University of Melbourne. Australia. Melbourne. From 2012. 1 month. Post-doctoral.