

CURRICULUM VITAE

Name: Josefina Castro-Fornieles, MD, PhD

Institution: Department of Child and Adolescent Psychiatry and Psychology, Institute of Neurosciences, Hospital Clínic of Barcelona

Address: Villarroel, 170, 08036, Barcelona

Land line phone: (0034) 93 227 54 00

Email: jcastro@clinic.cat

EDUCATION

- 1982 Degree in Medicine and Surgery. University of Barcelona
- 1986 Specialization in Psychiatry. Education and Culture Department. Hospital Clínic of Barcelona
- 1993 Doctorate in Medicine (PhD). University of Barcelona. Obtained qualification: Excellent cum laude and Extraordinary Award

PROFESSIONAL EXPERIENCE

-Current clinical position: Director of the Neurosciences Institute since 2012. Hospital Clínic of Barcelona

-Current teaching position: Full Professor of Psychiatry since 2010. Faculty of Medicine. University of Barcelona. Professor of the PhD Program (MCD 209-00023), Director of the Master degree in Child Psychiatry

Previous positions and activities

1982-1986: Residency in Psychiatry. Hospital Clínic of Barcelona

1987-2002: Staff member, Department of Child and Adolescent Psychiatry and Psychology. Hospital Clínic of Barcelona

1989-1991: Fellowship at the Eating Disorders Unit, University Psychiatric Center Sant Jozef, University of Leuven, Belgium

2002-2012: Head of the Child and Adolescent Psychiatry and Psychology Department. Institute of Neurosciences, Hospital Clínic of Barcelona

2006-2010: Associated Professor of Psychiatry. Faculty of Medicine. University of Barcelona

OVERVIEW:

The main research lines are early onset psychotic disorders and anorexia nervosa and other eating disorders. Within the line of psychotic disorders in children and the research group is exploring these disorders in high risk children and adolescents and also in a longitudinal follow-up study of samples that had already developed the disorder. One objective for the next three years is to continue with the follow-up study (eight to twelve years) of clinical, neuropsychological neuroimaging and genetic characteristics of high risk samples including

genetic high-risk children (offspring of patients diagnosed with schizophrenia or bipolar disorder) and clinical high-risk samples (children and adolescents with sub-clinical psychotic symptoms) in order to detect predictors of conversion to psychosis and functional impairment. An international cooperation project has been started with the ENIGMA group in genetic high-risk samples. We are also preparing new projects to assess the mediating role of stress in the transition to psychosis in high-risk samples and various psychological approaches to preventing the transition to psychosis.

In our research in the field of anorexia and other eating disorders has addressed clinical, neuropsychological and brain alterations in adolescents diagnosed with these disorders. We have published scientific evidence in the areas of clinical care, cognition and neuroimaging. For the next years, one objective is to examine brain abnormalities in these patients using new neuroimaging techniques which will allow us to assess cortical thickness, brain gyrification and brain volume. We will use Functional Magnetic Resonance Imaging (f-MRI) to study the brain correlates of the cognitive difficulties observed in our previous studies in these samples. The results of this study will expand our knowledge of the different endophenotypes and their effect on the etiology and outcome of one of the most prevalent disorders in adolescents, and will help to define more specific treatment approaches and better response predictors. Another objective is to study the biological consequences of these disorders, especially the cardiac, hormonal and biochemical consequences. These disorders present the highest mortality and morbidity rates among all psychiatric conditions and little is known about how early detection might help to bring these rates down.

RESEARCH PROJECTS (LAST FIVE YEARS)

R&D projects funded through competitive calls of public or private entities

Autism Innovative Medicines Studies - to Trials (AIMS-2-TRIALS). PI Center: Rosa Calvo. Funding entity: EU, IMI-2 Innovative Medicine Initiative, H2020. 2019 - 2021

Characteristics of child and adolescent offspring of patients with schizophrenia diagnosed with ADHD and offspring of healthy subjects also diagnosed with ADHD. PI: Josefina Castro-Fornieles. Funding entity: Spanish Ministry of Science, Innovation and Universities, Instituto de Salud Carlos III. 2019 - 2021

Anti-NMDAR Encephalitis: characterization of psychiatric symptoms and development of an animal model of auto-immune psychosis. PI: Mar Guasp. Funding entity: Hospital Clínic of Barcelona. 2019 - 2021

A translational model of autoimmune synaptopathy: symptoms, brain networks, and the link to human memory. PI, Co-PI: Josep Dalmau, Josefina Castro-Fornieles. Funding entity: Spanish Ministry of Science, Innovation and Universities, Instituto de Salud Carlos III. PIE16/00014. 2017- 2020

Multidisciplinary Approaches to Translational Research In Conduct Syndromes (MATRICS). PI Coordinator: Jeffrey Glennon. PI Center: Josefina Castro-Fornieles. Funding entity: EU VII Framework. Code 603016. 2014 - 2020

Eight year follow-up study of child and adolescent offspring of patients with schizophrenia or bipolar disorder. PI: Josefina Castro-Fornieles. Funding entity: Spanish Ministry of Science, Innovation and Universities, Institute of Health Carlos III. Code PI15/00467. 2016 - 2020

Aggression subtyping for improved insight and treatment innovation in psychiatric disorders. Aggression subtype. Coordinator PI: Barbara Franke, PI Center: Josefina Castro-Fornieles Funding entity: EU VII Framework. Code: 602805. 2014 - 2019

Pediatric European Risperidone Studies (PERS). PI Coordinator Jan Buitelaar. PI Center: Josefina Castro-Fornieles. Funding entity: EU VII Framework. Code: 241959. 2010 - 2016

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. PI Coordinator: Celso Arango López. PI Center: Josefina Castro-Fornieles. Funding entity: Consorcio CIBER de Salud Mental (CIBERSAM). Code: 13CINT1. 2014 - 2018

Four-year follow-up study of child and adolescent offspring of patients with schizophrenia or bipolar disorder. PI: Josefina Castro-Fornieles. Funding entity: Spanish Ministry of Science, Innovation and Universities. Instituto de Salud Carlos III. Code: PI11/00683. 2012 - 2015

Brain correlates of cognitive flexibility in anorexia nervosa: functional MRI study. PI: Jaime Moya Querejeta. Funding entity: Fundación Alicia Koplowitz. Coe: DN040546. 2012 - 2015

Suicidality: Treatment Occurring in Paediatrics. PI Coordinator PI: Paramala Santosh. PI Center: Josefina Castro-Fornieles. Funding entity: EU VII Framework. Code: 261411. 2010 - 2016

SCIENTIFIC PAPERS (LAST FIVE YEARS)

Publications, scientific and technical documents (ORCID: 0000-0003-0632-2687)

Elevated Extracellular Free-Water in a Multicentric First-Episode Psychosis Sample, Decrease During the First 2 Years of Illness. Bergé D, Mané A, Lesh TA, Bioque M, Barcones F, Gonzalez-Pinto AM, Parellada M, Vieta E, Castro-Fornieles J, Rodriguez-Jimenez R, García-Portilla MP, Usall J, Carter CS, Cabrera B, Bernardo M, Janssen J; PEPs group (collaborators) . Schizophr Bull. 2020 Jan 9. pii: sbz132. doi: 10.1093/schbul/sbz132. [Epub ahead of print]

The relationship between performance in a theory of mind task and intrinsic functional connectivity in youth with early onset psychosis. Iizarbe D, de la Serna E, Baeza I, Rosa M, Puig O, Calvo A, Masias M, Borrás R, Pariente JC, Castro-Fornieles J, Sugranyes G. Dev Cogn Neurosci. 2019 Dec;40:100726. doi: 10.1016/j.dcn.2019.100726. Epub 2019 Nov 5.

Personalized medicine begins with the phenotype: identifying antipsychotic response phenotypes in a first-episode psychosis cohort. Mas S, Gassó P, Rodríguez N, Cabrera B, Mezquida G, Lobo A, González-Pinto A, Parellada M, Corripio I, Vieta E, Castro-Fornieles J, Bobes J, Usall J, Saiz-Ruiz J, Contreras F, Parellada E, Bernardo M; PEPs group. Acta Psychiatr Scand. 2019 Nov 20. doi: 10.1111/acps.13131. [Epub ahead of print]

Influence of social cognition as a mediator between cognitive reserve and psychosocial functioning in patients with first episode psychosis. González-Ortega I, González-Pinto A, Alberich S, Echeburúa E, Bernardo M, Cabrera B, Amoretti S, Lobo A, Arango C, Corripio I, Vieta E, de la Serna E, Rodriguez-Jimenez R, Segarra R, López-Ilundain JM, Sánchez-Torres AM, Cuesta MJ; PEPs Group; Zorrilla I, López P, Bioque M, Mezquida G, Barcones F, De-la-Cámara C, Parellada M, Espliego A, Alonso-Solís A, Grasa EM, Varo C, Montejo L, Castro-Fornieles J, Baeza I, Dompablo M, Torio I, Zabala A, Eguiluz JI, Moreno-Izco L, Sanjuan J, Guirado R, Cáceres I, Garnier P, Contreras F, Bobes J, Al-Halabí S, Usall J, Butjosa A, Sarró S, Landin-Romero R, Ibáñez A, Selva G. Psychol Med. 2019 Oct 22:1-9. doi: 10.1017/S0033291719002794. [Epub ahead of print]

Distinct associations between fronto-striatal glutamate concentrations and callous-unemotional traits and proactive aggression in disruptive behavior. Craig MC, Mulder LM, Zwiars MP, Sethi

A, Hoekstra PJ, Dietrich A, Baumeister S, Aggensteiner PM, Banaschewski T, Brandeis D, Werhahn JE, Walitza S, Castro-Fornieles J, Arango C, Schulze UME, Glennon JC, Franke B, Santosh PJ, Mastroianni M, van Asten JJA, Buitelaar JK, Lythgoe DJ, Naaijen J. *Cortex*. 2019 Dec;121:135-146. doi: 10.1016/j.cortex.2019.08.017. Epub 2019 Sep 19.

Comparison of Perfectionism Dimensions in Adolescents with Anorexia Nervosa or Obsessive-Compulsive Disorder. Flamarique I, Plana MT, Castro-Fornieles J, Borràs R, Moreno E, Lázaro L. *J Can Acad Child Adolesc Psychiatry*. 2019 Aug;28(2):45-54. Epub 2019 Aug 1.

The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. de Zwarte SMC, Brouwer RM, Agartz I, Alda M, Aleman A, Alpert KI, Bearden CE, Bertolino A, Bois C, Bonvino A, Bramon E, Buimer EEL, Cahn W, Cannon DM, Cannon TD, Caseras X, Castro-Fornieles J, Chen Q, Chung Y, De la Serna E, Di Giorgio A, Doucet GE, Eker MC, Erk S, Fears SC, Foley SF, Frangou S, Frankland A, Fullerton JM, Glahn DC, Goghari VM, Goldman AL, Gonul AS, Gruber O, de Haan L, Hajek T, Hawkins EL, Heinz A, Hillegers MHJ, Hulshoff Pol HE, Hultman CM, Ingvar M, Johansson V, Jönsson EG, Kane F, Kempton MJ, Koenis MMG, Kopecek M, Krabbendam L, Krämer B, Lawrie SM, Lenroot RK, Marcelis M, Marsman JC, Mattay VS, McDonald C, Meyer-Lindenberg A, Michielse S, Mitchell PB, Moreno D, Murray RM, Mwangi B, Najt P, Neilson E, Newport J, van Os J, Overs B, Ozerdem A, Picchioni MM, Richter A, Roberts G, Aydogan AS, Schofield PR, Simsek F, Soares JC, Sugranyes G, Touloupoulou T, Tronchin G, Walter H, Wang L, Weinberger DR, Whalley HC, Yalin N, Andreassen OA, Ching CRK, van Erp TGM, Turner JA, Jahanshad N, Thompson PM, Kahn RS, van Haren NEM. *Biol Psychiatry*. 2019 Oct 1;86(7):545-556. doi: 10.1016/j.biopsych.2019.03.985. Epub 2019 Jun 13.

Neuropsychological, clinical and environmental predictors of severe mental disorders in offspring of patients with schizophrenia. Sánchez-Gutiérrez T, Rodríguez-Toscano E, Llorente C, de la Serna E, Moreno C, Sugranyes G, Romero S, Calvo A, Baeza I, Sánchez-Gistau V, Espliego A, Castro-Fornieles J, Moreno D. *Eur Arch Psychiatry Clin Neurosci*. 2019 Jul 16. doi: 10.1007/s00406-019-01044-7. [Epub ahead of print]

Functional MRI with a set-shifting task in adolescent anorexia nervosa: A cross-sectional and follow-up study. Castro-Fornieles J, Serna E, Calvo A, Blázquez A, Moya J, Lázaro L, Andrés-Perpiñá S, Plana MT, Gil L, Flamarique I, Martínez E, Pariente J, Moreno E, Bargallo N. *Neuropsychologia*. 2019 Aug;131:1-8. doi: 10.1016/j.neuropsychologia.2019.05.019. Epub 2019 May 28.

Auditory hallucinations in first-episode psychosis: A voxel-based morphometry study. Escarti MJ, García-Martí G, Sanz-Requena R, Martí-Bonmatí L, Cabrera B, Vieta E, Lobo A, Castro-Fornieles J, González-Pinto A, Cortizo R, Pina-Camacho L, Parellada M, Bernardo M, Sanjuan J; PEPs Group. *Schizophr Res*. 2019 Jul;209:148-155. doi: 10.1016/j.schres.2019.05.001. Epub 2019 May 18.

One decade of the first episodes project (PEPs): Advancing towards a precision psychiatry. Bernardo M, Cabrera B, Arango C, Bioque M, Castro-Fornieles J, Cuesta MJ, Lafuente A, Parellada M, Saiz-Ruiz J, Vieta E. *Rev Psiquiatr Salud Ment*. 2019 Jul - Sep;12(3):135-140. doi: 10.1016/j.rpsm.2019.03.001. Epub 2019 May 16. English, Spanish. No abstract available.

Development and psychometric properties of the "Suicidality: Treatment Occurring in Paediatrics (STOP) Risk and Resilience Factors Scales" in adolescents. Rodríguez-Quiroga A, Flamarique I, Castro-Fornieles J, Lievesley K, Buitelaar JK, Coghill D, Díaz-Caneja CM, Dittmann RW, Gupta A, Hoekstra PJ, Kehrmann L, Llorente C, Purper-Ouakil D, Schulze UME, Zuddas A, Sala R, Singh J, Fiori F, Arango C, Santosh P; STOP Consortium. *Eur Child Adolesc Psychiatry*. 2019 May 3. doi: 10.1007/s00787-019-01328-2. [Epub ahead of print]

Cortical thickness 20 years after diagnosis of anorexia nervosa during adolescence. Castro-Fornieles J, de la Serna E, Calvo A, Pariente J, Andrés-Perpiña S, Plana MT, Romero S, Flamarique I, Gárriz M, Bargalló N. *Eur Arch Psychiatry Clin Neurosci*. 2019 Mar 7. doi: 10.1007/s00406-019-00992-4. [Epub ahead of print]

Psychotic-Like Experiences in Offspring of Parents With Bipolar Disorder and Community Controls: A Longitudinal Study. Mendez I, Axelson D, Castro-Fornieles J, Hafeman D, Goldstein TR, Goldstein BI, Diler R, Borrás R, Merranko J, Monk K, Hickey MB, Birmaher B. *J Am Acad Child Adolesc Psychiatry*. 2019 May;58(5):534-543.e6. doi: 10.1016/j.jaac.2018.09.440. Epub 2018 Nov 3.

Long-term outcome and psychiatric comorbidity of adolescent-onset anorexia nervosa. Andrés-Perpiña S, Plana MT, Flamarique I, Romero S, Borrás R, Julià L, Gárriz M, Castro-Fornieles J. *Clin Child Psychol Psychiatry*. 2020 Jan;25(1):33-44. doi: 10.1177/1359104519827629. Epub 2019 Feb 15.

Psychosocial risk factors for suicidality in children and adolescents. Carballo JJ, Llorente C, Kehrmann L, Flamarique I, Zuddas A, Purper-Ouakil D, Hoekstra PJ, Coghill D, Schulze UME, Dittmann RW, Buitelaar JK, Castro-Fornieles J, Lievesley K, Santosh P, Arango C; STOP Consortium. *Eur Child Adolesc Psychiatry*. 2019 Jan 25. doi: 10.1007/s00787-018-01270-9. [Epub ahead of print] Review.

Five-year diagnostic stability among adolescents in an inpatient psychiatric unit. Blázquez A, Ortiz AE, Castro-Fornieles J, Morer A, Baeza I, Martínez E, Lázaro L. *Compr Psychiatry*. 2019 Feb;89:33-39. doi: 10.1016/j.comppsy.2018.11.011. Epub 2018 Nov 24.

Genetic variability in the serotonergic system and age of onset in anorexia nervosa and obsessive-compulsive disorder. Plana MT, Torres T, Rodríguez N, Boloc D, Gassó P, Moreno E, Lafuente A, Castro-Fornieles J, Mas S, Lázaro L. *Psychiatry Res*. 2019 Jan;271:554-558. doi: 10.1016/j.psychres.2018.12.019. Epub 2018 Dec 6.

CIBERSAM: Ten years of collaborative translational research in mental disorders. Salagre E, Arango C, Artigas F, Ayuso-Mateos JL, Bernardo M, Castro-Fornieles J, Bobes J, Desco M, Fañanás L, González-Pinto A, Haro JM, Leza JC, McKenna PJ, Meana JJ, Menchón JM, Micó JA, Palomo T, Pazos Á, Pérez V, Saiz-Ruiz J, Sanjuán J, Tabarés-Seisdedos R, Crespo-Facorro B, Casas M, Vilella E, Palao D, Olivares JM, Rodríguez-Jimenez R, Vieta E. *Rev Psiquiatr Salud Ment*. 2019 Jan - Mar;12(1):1-8. doi: 10.1016/j.rpsm.2018.10.001. Epub 2018 Nov 9.

Neutrophil Count Is Associated With Reduced Gray Matter and Enlarged Ventricles in First-Episode Psychosis. Núñez C, Stephan-Otto C, Usall J, Bioque M, Lobo A, González-Pinto A, Pina-Camacho L, Vieta E, Castro-Fornieles J, Rodríguez-Jimenez R, Butjosa A, Janssen J, Cabrera B, Parellada M, Bernardo M; PEPs group. *Schizophr Bull*. 2019 Jun 18;45(4):846-858.

Cognitive reserve as an outcome predictor: first-episode affective versus non-affective psychosis. Amoretti S, Cabrera B, Torrent C, Mezquida G, Lobo A, González-Pinto A, Parellada M, Corripio I, Vieta E, de la Serna E, Butjosa A, Contreras F, Sarró S, Penadés R, Sánchez-Torres AM, Cuesta M, Bernardo M; PEPsGroup. *Acta Psychiatr Scand*. 2018 Nov;138(5):441-455. doi: 10.1111/acps.12949. Epub 2018 Aug 14.

One-Year Prospective Study of Liver Function Tests in Children and Adolescents on Second-Generation Antipsychotics: Is There a Link with Metabolic Syndrome? Baeza I, de la Serna E, Calvo-Escalona R, Merchán-Naranjo J, Rodríguez-Latorre P, Martínez-Cantarero MC, Andrés P, Alda JA, Muñoz-Samons D, Ilzarbe D, Arango C, Castro-Fornieles J. *J Child Adolesc Psychopharmacol*. 2018 Sep;28(7):463-473. doi: 10.1089/cap.2017.0117. Epub 2018 Jul 5.

Affective versus non-affective first episode psychoses: A longitudinal study. Torrent C, Reinares M, Martínez-Arán A, Cabrera B, Amoretti S, Corripio I, Contreras F, Sarró S, González-Pinto A, Lobo A, Cuesta MJ, Sánchez-Torres A, Bergé D, Castro-Fornieles J, Moreno C, Bernardo M, Vieta E; PEPS group. *J Affect Disord*. 2018 Oct 1;238:297-304. doi: 10.1016/j.jad.2018.06.005. Epub 2018 Jun 4.

Impact of NTRK2, DRD2 and ACE polymorphisms on prolactin levels in antipsychotic-treated patients with first-episode psychosis. Gassó P, Mas S, Bioque M, Cabrera B, Lobo A, González-Pinto A, Díaz-Caneja CM, Corripio I, Vieta E, Castro-Fornieles J, Sarró S, Mané A, Sanjuan J, Llerena A, Lafuente A, Saiz-Ruiz J, Bernardo M; PEPs Group. *J Psychopharmacol*. 2018 Jun;32(6):702-710. doi: 10.1177/0269881118773026. Epub 2018 May 16.

The complex association between the antioxidant defense system and clinical status in early psychosis. García S, Alberich S, Martínez-Cengotitabengoa M, Arango C, Castro-Fornieles J, Parellada M, Baeza I, Moreno C, Micó JA, Berrocoso E, Graell M, Otero S, Simal T, González-Pinto A. *PLoS One*. 2018 Apr 26;13(4):e0194685. doi: 10.1371/journal.pone.0194685. eCollection 2018.

Smoking does not impact social and non-social cognition in patients with first episode psychosis. Sánchez-Gutiérrez T, García-Portilla MP, Parellada M, Bobes J, Calvo A, Moreno-Izco L, González-Pinto A, Lobo A, de la Serna E, Cabrera B, Torrent C, Roldán L, Sanjuan J, Ibáñez Á, Sánchez-Torres AM, Corripio I, Bernardo M, Cuesta MJ; PEPs group. *Schizophr Res*. 2018 Sep;199:64-74. doi: 10.1016/j.schres.2018.03.025. Epub 2018 Mar 30.

Temperament in child and adolescent offspring of patients with schizophrenia and bipolar disorder. Díaz-Caneja CM, Morón-Nozaleda MG, Vicente-Moreno RP, Rodríguez-Toscano E, Pina-Camacho L, de la Serna E, Sugranyes G, Baeza I, Romero S, Sánchez-Gistau V, Castro-Fornieles J, Moreno C, Moreno D. *Eur Child Adolesc Psychiatry*. 2018 Nov;27(11):1459-1471. doi: 10.1007/s00787-018-1135-y. Epub 2018 Mar 8.

Individual trajectories of cognitive performance in first episode psychosis: a 2-year follow-up study. Sánchez-Torres AM, Moreno-Izco L, Lorente-Omeñaca R, Cabrera B, Lobo A, González-Pinto AM, Merchán-Naranjo J, Corripio I, Vieta E, de la Serna E, Butjosa A, Contreras F, Sarró S, Mezquida G, Ribeiro M, Bernardo M, Cuesta MJ; PEPs group. *Eur Arch Psychiatry Clin Neurosci*. 2018 Oct;268(7):699-711. doi: 10.1007/s00406-017-0857-z. Epub 2017 Nov 21.

Persistent Negative Symptoms in First-Episode Psychosis: Early Cognitive and Social Functioning Correlates and Differences Between Early and Adult Onset. Puig O, Baeza I, de la Serna E, Cabrera B, Mezquida G, Bioque M, Lobo A, González-Pinto A, Parellada M, Corripio I, Vieta E, Bobes J, Usall J, Contreras F, Cuesta MJ, Bernardo M, Castro-Fornieles J; PEPs Group. *J Clin Psychiatry*. 2017 Nov/Dec;78(9):1414-1422. doi: 10.4088/JCP.16m11122.

Attenuated psychotic symptoms in children and adolescent offspring of patients with schizophrenia. Noguera A, Castro-Fornieles J, Romero S, de la Serna E, Sugranyes G, Sánchez-Gistau V, Moreno D, Díaz-Caneja CM, Merchán-Naranjo J, Llorente C, Baeza I. *Schizophr Res*. 2018 Mar;193:354-358. doi: 10.1016/j.schres.2017.07.050. Epub 2017 Aug 10.

Gray matter changes and cognitive predictors of 2-year follow-up abnormalities in early-onset first-episode psychosis. Castro-Fornieles J, Bargalló N, Calvo A, Arango C, Baeza I, Gonzalez-Pinto A, Parellada M, Graell M, Moreno C, Otero S, Janssen J, Rapado-Castro M, de la Serna E. *Eur Child Adolesc Psychiatry*. 2018 Jan;27(1):113-126. doi: 10.1007/s00787-017-1013-z. Epub 2017 Jul 13.

Evolution of metabolic risk factors over a two-year period in a cohort of first episodes of psychosis. Bioque M, García-Portilla MAP, García-Rizo C, Cabrera B, Lobo A, González-Pinto

A, Díaz-Caneja CM, Corripio I, Vieta E, Castro-Fornieles J, Bobes J, Gutiérrez-Fraile M, Rodríguez-Jimenez R, Mezquida G, Llerena A, Saiz-Ruiz J, Bernardo M; PEPs GROUP. *Schizophr Res.* 2018 Mar;193:188-196. doi: 10.1016/j.schres.2017.06.032. Epub 2017 Jun 26.

Intuitive pharmacogenetic dosing of risperidone according to CYP2D6 phenotype extrapolated from genotype in a cohort of first episode psychosis patients. Mas S, Gassó P, Torra M, Bioque M, Lobo A, González-Pinto A, Olmeda MS, Corripio I, Vieta E, Castro-Fornieles J, Rodríguez-Jimenez R, Bobes J, Usall J, Llerena A, Saiz-Ruiz J, Bernardo M, Lafuente A, PEPs Group. *Eur Neuropsychopharmacol.* 2017 Jul;27(7):647-656. doi: 10.1016/j.euroneuro.2017.03.012. Epub 2017 Apr 5.

A developmental approach to dimensional expression of psychopathology in child and adolescent offspring of parents with bipolar disorder. Morón-Nozaleda MG, Díaz-Caneja CM, Rodríguez-Toscano E, Arango C, Castro-Fornieles J, de la Serna E, Espliego A, Sanchez-Gistau V, Romero S, Baeza I, Sugranyes G, Moreno C, Moreno D. *Eur Child Adolesc Psychiatry.* 2017 Oct;26(10):1165-1175. doi: 10.1007/s00787-017-0965-3. Epub 2017 Mar 10.

Gene-environment interaction as a predictor of early adjustment in first episode psychosis. Fraguas D, Díaz-Caneja CM, Corripio I, González-Pinto A, Lobo A, Bioque M, Cuesta MJ, Sanjuán J, Rodríguez-Toscano E, Arias B, Sarró S, Cabrera B, Bulbena A, Vieta E, Castro-Fornieles J, Arango C, Bernardo M, Parellada M; PEPs group. *Schizophr Res.* 2017 Nov;189:196-203. doi: 10.1016/j.schres.2017.02.021. Epub 2017 Mar 2.

The course of negative symptoms in first-episode schizophrenia and its predictors: A prospective two-year follow-up study. Mezquida G, Cabrera B, Bioque M, Amoretti S, Lobo A, González-Pinto A, Espliego A, Corripio I, Vieta E, Castro-Fornieles J, Bergé D, Escartí MJ, Ibañez Á, Penadés R, Sánchez-Torres AM, Bernardo M; PEPs Group. *Schizophr Res.* 2017 Nov;189:84-90. doi: 10.1016/j.schres.2017.01.047. Epub 2017 Feb 6.

Clinical, Cognitive, and Neuroimaging Evidence of a Neurodevelopmental Continuum in Offspring of Proband With Schizophrenia and Bipolar Disorder. Sugranyes G, de la Serna E, Borrás R, Sanchez-Gistau V, Pariente JC, Romero S, Baeza I, Díaz-Caneja CM, Rodríguez-Toscano E, Moreno C, Bernardo M, Moreno D, Vieta E, Castro-Fornieles J. *Schizophr Bull.* 2017 Oct 21;43(6):1208-1219. doi: 10.1093/schbul/sbx002.

Modelling gene-environment interaction in first episodes of psychosis. Bernardo M, Bioque M, Cabrera B, Lobo A, González-Pinto A, Pina L, Corripio I, Sanjuán J, Mané A, Castro-Fornieles J, Vieta E, Arango C, Mezquida G, Gassó P, Parellada M, Saiz-Ruiz J, Cuesta MJ, Mas S; PEPs GROUP. *Schizophr Res.* 2017 Nov;189:181-189. doi: 10.1016/j.schres.2017.01.058. Epub 2017 Feb 5.

Intrinsic functional connectivity of fronto-temporal networks in adolescents with early psychosis. Solé-Padullés C, Castro-Fornieles J, de la Serna E, Sánchez-Gistau V, Romero S, Puig O, Calvo A, Bargalló N, Baeza I, Sugranyes G. *Eur Child Adolesc Psychiatry.* 2017 Jun;26(6):669-679. doi: 10.1007/s00787-016-0931-5. Epub 2016 Dec 28.

Cortical Morphology Characteristics of Young Offspring of Patients With Schizophrenia or Bipolar Disorder. Sugranyes G, Solé-Padullés C, de la Serna E, Borrás R, Romero S, Sanchez-Gistau V, Garcia-Rizo C, Goikolea JM, Bargallo N, Moreno D, Baeza I, Castro-Fornieles J. *J Am Acad Child Adolesc Psychiatry.* 2017 Jan;56(1):79-88. doi: 10.1016/j.jaac.2016.09.516. Epub 2016 Oct 25.

Development and psychometric properties of the Suicidality: Treatment Occurring in Paediatrics (STOP) Suicidality Assessment Scale (STOP-SAS) in children and adolescents. Flamarique I, Santosh P, Zuddas A, Arango C, Purper-Ouakil D, Hoekstra PJ, Coghill D, Schulze U, Dittmann

RW, Buitelaar JK, Lievesley K, Frongia R, Llorente C, Méndez I, Sala R, Fiori F, Castro-Fornieles J; STOP consortium. *BMC Pediatr.* 2016 Dec 13;16(1):213.

Neuropsychological characteristics of child and adolescent offspring of patients with schizophrenia or bipolar disorder. de la Serna E, Sugranyes G, Sanchez-Gistau V, Rodriguez-Toscano E, Baeza I, Vila M, Romero S, Sanchez-Gutierrez T, Penzol MJ, Moreno D, Castro-Fornieles J. *Schizophr Res.* 2017 May;183:110-115. doi: 10.1016/j.schres.2016.11.007. Epub 2016 Nov 12.

Association of CACNA1C and SYNE1 in offspring of patients with psychiatric disorders. Gassó P, Sánchez-Gistau V, Mas S, Sugranyes G, Rodríguez N, Boloc D, de la Serna E, Romero S, Moreno D, Moreno C, Díaz-Caneja CM, Lafuente A, Castro-Fornieles J. *Psychiatry Res.* 2016 Nov 30;245:427-435. doi: 10.1016/j.psychres.2016.08.058. Epub 2016 Sep 2.

The effects of antipsychotics on weight gain, weight-related hormones and homocysteine in children and adolescents: a 1-year follow-up study. Baeza I, Vigo L, de la Serna E, Calvo-Escalona R, Merchán-Naranjo J, Rodríguez-Latorre P, Arango C, Castro-Fornieles J. *Eur Child Adolesc Psychiatry.* 2017 Jan;26(1):35-46. doi: 10.1007/s00787-016-0866-x. Epub 2016 May 21.

Thinking About Electroconvulsive Therapy: The Opinions of Parents of Adolescents with Schizophrenia Spectrum Disorders. Flamarique I, Baeza I, de la Serna E, Pons A, Bernardo M, Castro-Fornieles J. *J Child Adolesc Psychopharmacol.* 2017 Feb;27(1):75-82. doi: 10.1089/cap.2015.0196. Epub 2016 Mar 16.

Altered Cortico-Striatal Connectivity in Offspring of Schizophrenia Patients Relative to Offspring of Bipolar Patients and Controls. Solé-Padullés C, Castro-Fornieles J, de la Serna E, Romero S, Calvo A, Sánchez-Gistau V, Padrós-Fornieles M, Baeza I, Bargalló N, Frangou S, Sugranyes G. *PLoS One.* 2016 Feb 17;11(2):e0148045. doi: 10.1371/journal.pone.0148045. eCollection 2016.

Absence of Change in Corrected QT Interval in Children and Adolescents Receiving Antipsychotic Treatment: A 12 Month Study. Alda JA, Muñoz-Samons D, Tor J, Merchán-Naranjo J, Tapia-Casellas C, Baeza I, Calvo-Escalona R, Castro-Fornieles J, Martínez-Cantarero C, Andrés-Nestares P, Fernández-Avilés F, Arango C. *J Child Adolesc Psychopharmacol.* 2016 Jun;26(5):449-57. doi: 10.1089/cap.2015.0151. Epub 2016 Jan 18.

Intrinsic connectivity networks from childhood to late adolescence: Effects of age and sex. Solé-Padullés C, Castro-Fornieles J, de la Serna E, Calvo R, Baeza I, Moya J, Lázaro L, Rosa M, Bargalló N, Sugranyes G. *Dev Cogn Neurosci.* 2016 Feb;17:35-44. doi: 10.1016/j.dcn.2015.11.004. Epub 2015 Nov 25.

Predictors of functional and clinical outcome in early-onset first-episode psychosis: the child and adolescent first episode of psychosis (CAFEPS) study. Parellada M, Castro-Fornieles J, Gonzalez-Pinto A, Pina-Camacho L, Moreno D, Rapado-Castro M, Otero S, de la Serna E, Moreno C, Baeza I, Graell M, Arango C. *J Clin Psychiatry.* 2015 Nov;76(11):e1441-8. doi: 10.4088/JCP.13m08863.

A Pharmacovigilance Study in First Episode of Psychosis: Psychopharmacological Interventions and Safety Profiles in the PEPs Project. Bioque M, Llerena A, Cabrera B, Mezquida G, Lobo A, González-Pinto A, Díaz-Caneja CM, Corripio I, Aguilar EJ, Bulbena A, Castro-Fornieles J, Vieta E, Lafuente A, Mas S, Parellada M, Saiz-Ruiz J, Cuesta MJ, Bernardo M; PEPs GROUP. *Int J Neuropsychopharmacol.* 2016 Mar 31;19(4). pii: pyv121. doi: 10.1093/ijnp/pyv121. Print 2016 Apr.

Neurological Adverse Effects of Antipsychotics in Children and Adolescents. Garcia-Amador M, Merchán-Naranjo J, Tapia C, Moreno C, Castro-Fornieles J, Baeza I, de la Serna E, Alda JA, Muñoz D, Andrés Nestares P, Cantarero CM, Arango C. *J Clin Psychopharmacol*. 2015 Dec;35(6):686-93. doi: 10.1097/JCP.0000000000000419.

Patients' Opinions About Electroconvulsive Therapy: What Do Adolescents with Schizophrenia Spectrum Disorders Think? Flamarique I, Castro-Fornieles J, de la Serna E, Pons A, Bernardo M, Baeza I. *J Child Adolesc Psychopharmacol*. 2015 Oct;25(8):641-8. doi: 10.1089/cap.2015.0113. Epub 2015 Oct 8.

Age at First Episode Modulates Diagnosis-Related Structural Brain Abnormalities in Psychosis. Pina-Camacho L, Del Rey-Mejías Á, Janssen J, Bioque M, González-Pinto A, Arango C, Lobo A, Sarró S, Desco M, Sanjuan J, Lacalle-Aurioles M, Cuesta MJ, Saiz-Ruiz J, Bernardo M, Parellada M; PEPs Group. *Schizophr Bull*. 2016 Mar;42(2):344-57. doi: 10.1093/schbul/sbv128. Epub 2015 Sep 14.

Psychiatric disorders in child and adolescent offspring of patients with schizophrenia and bipolar disorder: A controlled study. Sanchez-Gistau V, Romero S, Moreno D, de la Serna E, Baeza I, Sugranyes G, Moreno C, Sanchez-Gutierrez T, Rodriguez-Toscano E, Castro-Fornieles J. *Schizophr Res*. 2015 Oct;168(1-2):197-203. doi: 10.1016/j.schres.2015.08.034. Epub 2015 Sep 9.

Neuropsychological characteristics of child and adolescent offspring of patients with bipolar disorder. de la Serna E, Vila M, Sanchez-Gistau V, Moreno D, Romero S, Sugranyes G, Baeza I, Llorente C, Rodriguez-Toscano E, Sánchez-Gutierrez T, Castro-Fornieles J. *Prog Neuropsychopharmacol Biol Psychiatry*. 2016 Feb 4;65:54-9. doi: 10.1016/j.pnpb.2015.08.014. Epub 2015 Sep 3.

ESCAP Expert Paper: New developments in the diagnosis and treatment of adolescent anorexia nervosa--a European perspective. Herpertz-Dahlmann B, van Elburg A, Castro-Fornieles J, Schmidt U. *Eur Child Adolesc Psychiatry*. 2015 Oct;24(10):1153-67. doi: 10.1007/s00787-015-0748-7. Epub 2015 Jul 31.

Gray Matter Volume Decrease Distinguishes Schizophrenia From Bipolar Offspring During Childhood and Adolescence. Sugranyes G, de la Serna E, Romero S, Sanchez-Gistau V, Calvo A, Moreno D, Baeza I, Diaz-Caneja CM, Sanchez-Gutierrez T, Janssen J, Bargallo N, Castro-Fornieles J. *J Am Acad Child Adolesc Psychiatry*. 2015 Aug;54(8):677-84.e2. doi: 10.1016/j.jaac.2015.05.003. Epub 2015 May 16.

Personality psychopathology, drug use and psychological symptoms in adolescents with substance use disorders and community controls. Magallón-Neri E, Díaz R, Fornis M, Goti J, Castro-Fornieles J. *PeerJ*. 2015 Jun 9;3:e992. doi: 10.7717/peerj.992. eCollection 2015.

Premorbid adjustment and clinical correlates of cognitive impairment in first-episode psychosis. The PEPsCog Study. Cuesta MJ, Sánchez-Torres AM, Cabrera B, Bioque M, Merchán-Naranjo J, Corripio I, González-Pinto A, Lobo A, Bombín I, de la Serna E, Sanjuan J, Parellada M, Saiz-Ruiz J, Bernardo M; PEPs Group. *Schizophr Res*. 2015 May;164(1-3):65-73. doi: 10.1016/j.schres.2015.02.022. Epub 2015 Mar 26.

Functional deterioration from the premorbid period to 2 years after the first episode of psychosis in early-onset psychosis. Del Rey-Mejías Á, Fraguas D, Díaz-Caneja CM, Pina-Camacho L, Castro-Fornieles J, Baeza I, Espliego A, Merchán-Naranjo J, González-Pinto A, de la Serna E, Payá B, Graell M, Arango C, Parellada M. *Eur Child Adolesc Psychiatry*. 2015 Dec;24(12):1447-59. doi: 10.1007/s00787-015-0693-5. Epub 2015 Mar 1.

Current perspective of eating disorders. Castro-Fornieles J. *Endocrinol Nutr*. 2015 Mar;62(3):111-3. doi: 10.1016/j.endonu.2015.01.001. Epub 2015 Feb 7.

Gender effects on brain changes in early-onset psychosis. Rapado-Castro M, Bartholomeusz CF, Castro-Fornieles J, González-Pinto A, Otero S, Baeza I, Moreno C, Graell M, Janssen J, Bargalló N, Pantelis C, Desco M, Arango C. *Eur Child Adolesc Psychiatry*. 2015 Oct;24(10):1193-205. doi: 10.1007/s00787-014-0669-x. Epub 2015 Jan 15.

Differences in Psychopathology Between Immigrant and Native Adolescents Admitted to a Psychiatric Inpatient Unit. Blázquez A, Castro-Fornieles J, Baeza I, Morer A, Martínez E, Lázaro L. *J Immigr Minor Health*. 2015 Dec;17(6):1715-22. doi: 10.1007/s10903-014-0143-3. Erratum in: *J Immigr Minor Health*. 2015 Dec;17(6):1911.