

Curriculum Vitae

Personal information **Fernando Cabanas**

Work experience

European Medicines Agency (EMA)

- Start date: 082017
- End date:
- Position: Healthcare professionals representative in the Paediatric Committee (PDCO)
- Activities:
- Country: Netherlands

1. Employer: Universidad Europea (European University)

- Start date: 092011
- End date:
- Position: Professor in Paediatrics and Neonatology
- Activities:
- Country: Spain

2. Employer: Quironsalud Madrid University Hospital

- Start date: 2013
- End date:
- Position: Director of Department of Paediatrics and Neonatology
- Activities:
- Country: Spain

3. Employer: Universidad Autonoma de Madrid (Autonoma University of Madrid)

- Start date: 1987
- End date: 2013
- Position: Professor in Paediatrics
- Activities:
- Country: Spain

4. Employer: La Paz University Hospital_Biomedical Research Foundation

- Start date: 2013
- End date:
- Position: Senior Researcher of Biomedical Research Foundation
- Activities:
- Country: Spain

5. Employer: La Paz University Hospital

- Start date: 2000
- End date: 2013
- Position: Member of Steering Committee. Department of Neonatology
- Activities:
- Country: Spain

6. Employer: Department of Neonatology, La Paz University Hospital

- Start date: 1985
- End date: 2013
- Position: Director of Neonatal Neuroimaging and Haemodynamics Unit.
- Activities:
- Country: Spain

7. Employer: Dept of Neonatology, La Paz University Hospital

- Start date: 1982
- End date: 1984
- Position: Consultant Neonatologist
- Activities:
- Country: Spain

Education and training

1. Subject:

- Start date:
- End date: 2013
- Qualification: MASTER in leadership and management in health research
- Organisation:
- Country: Spain

2. Subject: Universidad Autonoma

- Start date:
- End date: 1987
- Qualification: PhD: Pathogenic factors of the intraventricular haemorrhage in low birth weight
- Organisation:
- Country: Spain

3. Subject: La Paz University Hospital

- Start date:
- End date: 1981
- Qualification: Specialist in Pediatrics
- Organisation:

- Country: Spain
- Subject: La Paz Hospital
 - Start date: 1980
 - End date: 1982
 - Qualification: Resident and research fellow on Neonatology, Dept of Neonatology
 - Organisation:
 - Country: Spain
 - Subject: La Paz Hospital
 - Start date: 1977
 - End date: 1981
 - Qualification: Resident of Pediatrics
 - Organisation:
 - Country: Spain
 - Subject: Universidad Autonoma
 - Start date: 1970
 - End date: 1976
 - Qualification: Medical Graduate
 - Organisation:
 - Country: Spain

Additional information

Publications

• SELECTED RELEVANT PUBLICATIONS

- Valverde E, Ybarra M, Bravo MC, Dudink J, Govaert P, Horsch S, Steggerda S, Pellicer A; EurUS.Brain Group. State-of-the-art cranial ultrasound in clinical scenarios for infants born at term and near-term. *Dev Med Child Neurol.* 2025 Mar;67(3):322-347. doi: 10.1111/dmcn.16133. Epub 2024 Oct 21. PMID: 39432744.
- Horsch S, Schwarz S, Arnaez J, Steggerda S, Arena R, Govaert P; EurUS.Brain group. Cerebral Doppler imaging in neonates: A guide for clinical application and diagnosis. *Dev Med Child Neurol.* 2024 Dec;66(12):1570-1589. doi: 10.1111/dmcn.15998. Epub 2024 Jun 28. PMID: 38940604.
- Cascant-Vilaplana MM, Piñeiro-Ramos JD, Soláz-García Á, Lara-Cantón I, Izquierdo I, Llorens R, Marin P, Torres-Martínez E, Molitor C, Mohareb F, Boronat N, Quintás G, Kuligowski J, Vento M; HYPOTOP study group. Searching molecular biomarkers correlating with BSID-III at 24 months in infants with neonatal hypoxic-ischemic encephalopathy. *Eur J Pediatr.* 2024 Sep;183(9):3933-3942. doi: 10.1007/s00431-024-05652-x. Epub 2024 Jun 25. PMID: 38916739.
- Govaert P, Arena R, Dudink J, Steggerda S, Agut T, Marissens G, Hoebeek F; EurUS.Brain group. Developmental anatomy of the thalamus, perinatal lesions, and neurological development. *Dev Med Child Neurol.* 2025 Jan;67(1):15-34. doi: 10.1111/dmcn.15992. Epub 2024 Jun 14. PMID: 38875159.
- Bravo MC, Lubian S, Horsch S, Cabañas F, de Vries LS; EurUS.Brain group. Neonatal ventriculomegaly: Pathophysiology and management guided with cranial ultrasonography. *Dev Med Child Neurol.* 2024 Nov;66(11):1419-1431. doi: 10.1111/dmcn.15955. Epub 2024 May 15. PMID: 38747316.
- Alarcón A, de Vries LS, Parodi A, Arnáez J, Cabañas F, Steggerda SJ, Rebollo M, Ramenghi L, Dorronsoro I, López-Azorín M, Schneider J, Noguera-Julian A, Ríos-Barnés M, Recio M, Bickle-Graz M, Martínez-Biarge M, Fortuny C, García-Alix A, Truttmann AC. Neuroimaging in infants with congenital cytomegalovirus infection and its correlation with outcome: emphasis on white matter abnormalities. *Arch Dis Child Fetal Neonatal Ed.* 2024 Feb 19;109(2):151-158. doi: 10.1136/archdischild-2023-325790. PMID: 37739774; PMCID: PMC10894834.
- Domachowske JB, Chang Y, Atanasova V, Cabañas F, Furuno K, Nguyen KA, Banu I, Kubiak RJ, Leach A, Mankad VS, Shroff M, Takas T, Villafana T, Wählby Hamrén U. Safety of Re-dosing Nirsevimab Prior to RSV Season 2 in Children With Heart or Lung Disease. *J Pediatric Infect Dis Soc.* 2023 Aug 31;12(8):477-480. doi: 10.1093/jpids/piad052. PMID: 37466917; PMCID: PMC10469583.
- Ramanan AV, Modi N, de Wildt SN; c4c Learning from COVID-19 Group. Correction: Improving clinical paediatric research and learning from COVID-19: recommendations by the Conect4Children expert advice group. *Pediatr Res.* 2023 Dec;94(6):2121. doi: 10.1038/s41390-023-02655-6. Erratum for: *Pediatr Res.* 2022 Apr;91(5):1069-1077. PMID: 37264139; PMCID: PMC10232335.
- Simões EAF, Madhi SA, Muller WJ, Atanasova V, Bosheva M, Cabañas F, Baca Cots M, Domachowske JB, García-García ML, Grantina I, Nguyen KA, Zar HJ, Berglind A, Cummings C, Griffin MP, Takas T, Yuan Y, Wählby Hamrén U, Leach A, Villafana T. Efficacy of nirsevimab against respiratory syncytial virus lower respiratory tract infections in preterm and term infants, and pharmacokinetic extrapolation to infants with congenital heart disease and chronic lung disease: a pooled analysis of randomised controlled trials. *Lancet Child Adolesc Health.* 2023 Mar;7(3):180-189. doi: 10.1016/S2352-4642(22)00321-2. Epub 2023 Jan 9. PMID: 36634694; PMCID: PMC9940918.
- Rodríguez_López J, De la Cruz Bértolo J, García_Lara NR, Asla Elorriaga I, Román Echevarría L, Vento M, Parra_Llorca A, Cabañas F, Lozano P, García_Algar Ó, Martín_Ancel A, Copons Fernández C, González Carrasco E, Olabarrieta Arnal I, Pellicer A, Marín Huarte N, Pallás_Alonso CR. Maternal and Neonatal Prognostic Factors for Cardiorespiratory Events in Healthy Term Neonates During Early Skin_ to Skin Contact. *Front Pediatr.* 2022 May 31;10:907570. doi: 10.3389/fped.2022.907570. PMID: 35712622; PMCID: PMC9194510.
- Ramanan AV, Modi N, de Wildt SN; c4c Learning from COVID_19 Group. Improving clinical paediatric research and learning from COVID_19: recommendations by the Conect4Children expert advice group. *Pediatr Res.* 2022 Apr;91(5):1069_1077. doi: 10.1038/s41390_021_01587_3. Epub 2021 Jun 7. PMID: 34099854; PMCID: PMC8184051.
- Gómez_Torres N, Sánchez_García L, Castro I, Arroyo R, Cabañas F, González_ Sánchez R, López_Azorín M, Moral_Pumarega MT, Escuder_Vieco D, Cabañas_Alonso E, Rodríguez JM, Alba C, Pellicer A. Metatransomic Analysis of Milk Samples From SARS_CoV_2_Positive and SARS_CoV_2_Negative Women. *Front Nutr.* 2022 Mar 18;9:853576. doi: 10.3389/fnut.2022.853576. PMID: 35369105; PMCID: PMC8971750.
- Domachowske J, Madhi SA, Simões EAF, Atanasova V, Cabañas F, Furuno K, García_García ML, Grantina I, Nguyen KA, Brooks D, Chang Y, Leach A, Takas T, Yuan Y, Griffin MP, Mankad VS, Villafana T; MEDLEY Study Group. Safety of Nirsevimab for RSV in Infants with Heart or Lung Disease or Prematurity. *N Engl J Med.* 2022 Mar 3;386(9):892_894. doi: 10.1056/NEJMc2112186. PMID: 35235733.
- Hammit LL, Dagan R, Yuan Y, Baca Cots M, Bosheva M, Madhi SA, Muller WJ, Zar HJ, Brooks D, Grenham A, Wählby Hamrén U, Mankad VS, Ren P, Takas T, Abram ME, Leach A, Griffin MP, Villafana T; MELODY Study Group. Nirsevimab for Prevention of RSV in Healthy Late_Premature and Term Infants. *N Engl J Med.* 2022 Mar 3;386(9):837_846. doi: 10.1056/NEJMoa2110275. PMID: 35235726.
- Bravo MC, Sánchez_Salvador R, Moral_Pumarega MT, López_Azorín M, Mosqueda_ Peña R, Dorronsoro I, Cabañas F, Pellicer A. Randomized Trial on Echocardiography_Guided Ductus Arteriosus Treatment to Reduce Necrotizing Enterocolitis. *Front Pediatr.* 2022 Jan 28;9:807712. doi: 10.3389/fped.2021.807712. PMID: 35155319; PMCID:

PMC8833153. _

Cascant_Vilaplana MM, Sánchez_Illana Á, Piñeiro_Ramos JD, Llorens_Salvador R, Quintás G, Oger C, Galano JM, Vigor C, Durand T, Kuligowski J, Vento M; HYPOTOP Study Group. Do Levels of Lipid Peroxidation Biomarkers Reflect the Degree of Brain Injury in Newborns? *Antioxid Redox Signal*. 2021 Dec 10;35(17):1467_1475. doi: 10.1089/ars.2021.0168. Erratum in: *Antioxid Redox Signal*. 2022 Apr;36(10_12):811. PMID: 34409848. _

Rodríguez_López J, De la Cruz Bértolo J, García_Lara NR, Núñez Vecino JL, Soriano_Ramos M, Asla Elorriaga I, Román Echevarría L, Pellicer A, Marín Huarte N, Vento M, Parra_Llorca A, Cabañas F, González Sánchez R, García_Algar Ó, Martín_Ancel A, Copons Fernández C, González Carrasco E, Beato M, Pallás_Alonso CR; Maternal and Child Health and Development Research Network of Spain (SAMID Network). Mother's Bed Incline and Desaturation Episodes in Healthy Term Newborns during Early Skin_to_Skin Contact: A Multicenter Randomized Controlled Trial. *Neonatology*. 2021;118(6):702_709. doi: 10.1159/000519387. Epub 2021 Oct 25. PMID: 34695832 _

Sánchez García L, Gómez_Torres N, Cabañas F, González_Sánchez R, López_AzorínM, Moral_Pumarega MT, Escuder_Vieco D, Cabañas_Alonso E, Castro I, Alba C, Rodríguez Gómez JM, Pellicer A. Immediate Pre_Partum SARS_CoV_2 Status and Immune Profiling of Breastmilk: A Case_Control Study. *Front Immunol*. 2021 Jul 26;12:720716. doi: 10.3389/fimmu.2021.720716. PMID: 34381462; PMCID: PMC8350512. _ Serrera A, Rodríguez_Cutiño L, Cabañas F. Occult bacteremia due to *Kingella kingae* associated with herpetic gingivostomatitis. *Enferm Infecc Microbiol Clin (Engl Ed)*. 2021 Aug-Sep;39(7):360_361. doi: 10.1016/j.eimce.2021.05.004. Epub 2021 May 13. PMID: 34353518. _ Aguilera_Alonso D, Murias S, Martínez_de_Azagra Garde A, González Sánchez R, Pareja M, Otheo E, Moraleda C, Tagarro A, Calvo C; EPICO_AEP Working Group. Prevalence of thrombotic complications in children with SARS_CoV_2. *Arch Dis Child*. 2021 Nov;106(11):1129_1132. doi: 10.1136/archdischild.2020.321351. Epub 2021 Apr 30. PMID: 33931403. _ Gómez_Roig MD, Pascal R, Cahuana MJ, García_Algar O, Sebastiani G, Andreu_Fernández V, Martínez L, Rodríguez G, Iglesia I, Ortiz_Arrabal O, Mesa MD, Cabero MJ, Guerra L, Llorba E, Domínguez C, Zanini MJ, Foraster M, Larqué E, Cabañas F, López_Azorín M, Pérez A, Loureiro B, Pallás_Alonso CR, Escuder_Vieco D, Vento M. Environmental Exposure during Pregnancy: Influence on Prenatal Development and Early Life: A Comprehensive Review. *Fetal Diagn Ther*. 2021;48(4):245_257. doi: 10.1159/000514884. Epub 2021 Mar 18. PMID: 33735860. _ Bravo MC, López_Ortego P, Sánchez L, Díez J, Cabañas F, Pellicer A. Randomised trial of dobutamine versus placebo for low superior vena cava flow in preterm infants: Long_term neurodevelopmental outcome. *J Paediatr Child Health*. 2021 Jun;57(6):872_876. doi: 10.1111/jpc.15344. Epub 2021 Jan 19. PMID: 33464688. _ Méndez_Echevarría A, Pérez_Martínez A, Gonzalez Del Valle L, Ara MF, Melendo S, Ruiz de Valbuena M, Vazquez_Martínez JL, Morales_Martínez A, Remesal A, Sándor_Bajusz KA, Cabañas F, Calvo C. Compassionate use of remdesivir in children with COVID_19. *Eur J Pediatr*. 2021 Apr;180(4):1317_1322. doi: 10.1007/s00431_020_03876_1. Epub 2020 Nov 16. PMID: 33200304; PMCID: PMC7668659. _ Moraleda C, Serna_Pascual M, Soriano_Arandes A, Simó S, Epalza C, Santos M, Grasa C, Rodríguez M, Soto B, Gallego N, Ruiz Y, Urretavizcaya_Martínez M, Pareja M, Sanz_Santaeufemia FJ, Fumadó V, Lanaspá M, Jordan I, Prieto L, Belda S, Toral_Vázquez B, Rincón E, Gil_Villanueva N, Méndez_Echevarría A, Castillo_Serrano A, Rivière JG, Soler_Palacín P, Rojo P, Tagarro A; EPICO_AEP Working Group. Multi_inflammatory Syndrome in Children Related to Severe Acute Respiratory Syndrome Coronavirus 2 (SARS_CoV_2) in Spain. *Clin Infect Dis*. 2021 May 4;72(9):e397_e401. doi: 10.1093/cid/ciaa1042. PMID: 32710613; PMCID: PMC7454331. _ Pellicer A, Fernández R, Jullien V, Gleeson C, Bravo MC, Ortego PL, Sánchez L, Ybarra M, Rojas_Anaya H, Cabañas F, Koch A, Smith A, Rabe H; Neocirculation Consortium. Pharmacokinetic study (phase I_II) of a new dobutamine formulation in preterm infants immediately after birth. *Pediatr Res*. 2021 Mar;89(4):981_986. doi: 10.1038/s41390_020_1009_0. Epub 2020 Jul 1. PMID: 32610341. _ Dudink J, Jeanne Steggerda S, Horsch S; eurUS.brain group. State_of_the_art neonatal cerebral ultrasound: technique and reporting. *Pediatr Res*. 2020 Mar;87(Suppl 1):3_12. doi: 10.1038/s41390_020_0776_y. Review. PubMed PMID: 32218539; PubMed Central PMCID: PMC7098885. _ Fumagalli M, Parodi A, Ramenghi L, Limperopoulos C, Steggerda S; eurUS.brain group. Ultrasound of acquired posterior fossa abnormalities in the newborn. *Pediatr Res*. 2020 Mar;87(Suppl 1):25_36. doi: 10.1038/s41390_020_0778_9. Review. PubMed PMID: 32218537; PubMed Central PMCID: PMC7098891. _ Camfferman FA, de Goederen R, Govaert P, Dudink J, van Bel F, Pellicer A, Cools F; eurUS.brain group. Diagnostic and predictive value of Doppler ultrasound for evaluation of the brain circulation in preterm infants: a systematic review. *Pediatr Res*. 2020 Mar;87(Suppl 1):50_58. doi: 10.1038/s41390_020_0777_x. Review. PubMed PMID: 32218536; PubMed Central PMCID: PMC7098887. _ Parodi A, Govaert P, Horsch S, Bravo MC, Ramenghi LA; eurUS.brain group. Cranial ultrasound findings in preterm germinal matrix haemorrhage, sequelae and outcome. *Pediatr Res*. 2020 Mar;87(Suppl 1):13_24. doi: 10.1038/s41390_020_0780_2. Review. PubMed PMID: 32218535; PubMed Central PMCID: PMC7098890. _ Agut T, Alarcon A, Cabañas F, Bartocci M, Martínez_Biarge M, Horsch S; eurUS.brain group. Preterm white matter injury: ultrasound diagnosis and classification. *Pediatr Res*. 2020 Mar;87(Suppl 1):37_49. doi: 10.1038/s41390_020_0781_1. Review. PubMed PMID: 32218534; PubMed Central PMCID: PMC7098888. _ Mesa MD, Loureiro B, Iglesia I, Fernandez Gonzalez S, Llorba Olivé E, García Algar O, Solana MJ, Cabero Perez MJ, Sainz T, Martínez L, Escuder_Vieco D, Parra_Llorca A, Sánchez_Campillo M, Rodríguez Martínez G, Gómez Roig D, Perez Gruz M, Andreu_Fernández V, Clotet J, Sailer S, Iglesias_Platas I, López_Herce J, Aras R, Pallás_Alonso C, de Pipaon MS, Vento M, Gormaz M, Larqué Daza E, Calvo C, Cabañas F. The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. *Nutrients*. 2020 Jan 2;12(1):133. doi: 10.3390/nu12010133. PMID: 31906588 Free PMC article. Mayordomo_Colunga J, González_Cortés R, Bravo MC, Martínez_Mas R, Vázquez_Martínez JL, Renter_Valdovinos L, Conlon TW, Nishisaki A, Cabañas F, Bilbao Sustacha JA, Oulego_Erroz I. Point_of_care ultrasound: Is it time to include it in the paediatric specialist training program? *An Pediatr (Barc)*. 2019 Sep;91(3):206.e1_206.e13. doi: 10.1016/j.anpedi.2019.06.012. Epub 2019 Aug 6. PMID: 31395389. Arnaez J, Herranz_Rubia N, García_Alix A; Grupo de Trabajo ESP_EHI; Grupo de Trabajo ESP_EHI. Unidades de Neonatología. Hospitales terciarios, España (F Cabañas et al). Holistic approach of the care of the infant with hypoxic_ischaemic encephalopathy in Spain. *An Pediatr (Barc)*. 2019 Aug 2. pii: S1695_4033(19)30204_8. doi: 10.1016/j.anpedi.2019.05.013. [Epub ahead of print]. PMID: 31383601. Bravo MC, López_Ortego P, Sánchez L, Madero R, Cabañas F, Koch A, Rojas_Anaya H, Rabe H, Pellicer A. Validity of Biomarkers of Early Circulatory Impairment to Predict Outcome: A Retrospective Analysis. *Front Pediatr*. 2019 May 29;7:212. doi: 10.3389/fped.2019.00212. eCollection 2019. PubMed PMID: 31192178; PMCID: PMC6548875. Nuñez_Ramiro A, Benavente_Fernández I, Valverde E, Cordeiro M, Blanco D, Boix H, Cabañas F, Chaffanel M, Fernández_Colomer B, Fernández_Lorenzo JR, Kuligowski J, Loureiro B, Moral_Pumarega MT, Pavón A, Sánchez_Illana A, Tofé I, Hervás D, García_Robles A, Parra_Llorca A, Cernada M, Martínez_Rodilla J, Lorente_Pozo S, Llorens R, Marqués R, Vento M; on behalf of the Hypotop Study Group. Topiramate plus Cooling for Hypoxic_Ischemic Encephalopathy: A Randomized, Controlled, Multicenter, Double_Blinded Trial. *Neonatology*. 2019 May 15;116(1):76_84. doi: 10.1159/000499084PMID: 31091527 Rodríguez_López J, García_Lara NR, López_Maestro M, De la Cruz Bértolo J, Martínez Ávila JC, Vento M, Parra_Llorca A, Izquierdo Macián I, Pellicer A, Marín Huarte N, Asla Elorriaga I, Román Echevarría L, Copons Fernández C, Martín Ancel A, Cabañas F, García Algar Ó, Pallás_Alonso CR. What is the impact of mother's bed incline on episodes of decreased oxygen saturation in healthy newborns in skin_to_skin contact after delivery: Study protocol for a randomized controlled trial. *Trials*. 2019 Mar 20;20(1):179. doi: 10.1186/s13063_019_3256_0. PMID: 30894206 Calvo C, Sainz T, Codoñer_Franch P, Santiago B, García_García ML, García Vera C, Muñoz_Fernandez MA, Pérez_Martínez A, Rivero I, Fernandez Pérez C, Mejías A, Martínón_Torres F, Cabañas F. Paediatric research in Spain: Challenges and priorities. *INVEST_AEP Platform. An Pediatr (Barc)*. 2018 Nov;89(5):314.e1_314.e6. doi: 10.1016/j.anpedi.2018.09.001. Epub 2018 Oct 9. Spanish. PMID: 30309723 Sánchez_Illana Á, Nuñez_Ramiro A, Cernada M, Parra_Llorca A, Valverde E, Blanco D, Moral_Pumarega MT, Cabañas F, Boix H, Pavón A, Chaffanel M, Benavente_Fernández I, Tofé I, Loureiro B, Fernández_Lorenzo JR, Fernández_Colomer B, García_Robles A, Kuligowski J, Vento M; HYPOTOP Study Group. Evolution of Energy Related Metabolites in Plasma from Newborns with Hypoxic_Ischemic Encephalopathy during Hypothermia Treatment. *Sci Rep*. 2017 Dec 6;7(1):17039. doi: 10.1038/s41598_017_17202_7. PubMed PMID: 29213095 Nuñez A, Benavente I, Blanco D, Boix H, Cabañas F, Chaffanel M, Fernández_Colomer B, Fernández_Lorenzo JR, Loureiro B, Moral MT, Pavón A, Tofé I, Valverde E, Vento M. Oxidative stress in perinatal asphyxia and hypoxic_ischaemic encephalopathy. *An Pediatr (Barc)*. 2018 Apr;88(4):228.e1_228.e9. doi: 10.1016/j.anpedi.2017.05.005. Epub 2017 Jun 23. PubMed PMID: 28648366. Alarcon A, Martínez_Biarge M, Cabañas F, Quero J, García_Alix A. A Prognostic

Neonatal Neuroimaging Scale for Symptomatic Congenital Cytomegalovirus Infection. *Neonatology*. 2016 Jun 24;110(4):277-285. [Epub ahead of print] PMID: 27344149 Riera J, Hyttel-Sorensen S, Bravo MC, Cabañas F, López-Ortego P, Sanchez L, Ybarra M, Dempsey E, Greisen G, Austin T, Claris O, Fumagalli M, Gluud C, Lemmers P, Pichler G, Plomgaard AM, van Bel F, Wolf M, Pellicer A. The SafeBoosC phase II clinical trial: an analysis of the interventions related with the oximeter readings. *Arch Dis Child Fetal Neonatal Ed*. 2016 Jul;101(4):F333-8. doi: 10.1136/archdischild.2015.308829. Epub 2015 Dec 8. Riera J, Cabañas F, Serrano JJ, Madero R, Pellicer A. New developments in cerebral blood flow autoregulation analysis in preterm infants: a mechanistic approach. *Pediatr Res*. 2016 Mar;79(3):460-5. doi: 10.1038/pr.2015.231. Epub 2015 Nov 5. PMID: 26539666 Bravo MC, López-Ortego P, Sánchez L, Riera J, Madero R, Cabañas F, Pellicer A. Randomized, Placebo-Controlled Trial of Dobutamine for Low Superior Vena Cava Flow in Infants. *J Pediatr*. 2015 Sep;167(3):572-8.jpeds.2015.05.037. Epub 2015 Jun 24. PubMed PMID: 26116470. Carbonell-Estrany X, Pérez-Yarza EG, García LS, Guzmán Cabañas JM, Bòria EV, Atienza BB; IRIS (Infección Respiratoria Infantil por Virus Respiratorio Sincitial) Study Group (Cabanas F et al). Long-Term Burden and Respiratory Effects of Respiratory Syncytial Virus Hospitalization in Preterm Infants_The SPRING Study. *PLoS One*. 2015 May 8;10(5):e0125422. doi: 10.1371/journal.pone.0125422. eCollection 2015. PMID: 25955487 Riera J, Cabañas F, Serrano JJ, Bravo MC, López-Ortego P, Sánchez L, Madero R, Pellicer A. New time-frequency method for cerebral autoregulation in newborn: Predictive capacity for clinical outcomes. *J of Pediatr*. 2014 Jul 16. pii: S0022-3476(14)00525-3. doi: 10.1016/j.jpeds.2014.06.008. [Epub ahead of print] PMID: 25039050 [PubMed _ as supplied by publisher] Marin N, Valverde E, Cabañas F. [Severe apparent life-threatening event during "skin-to-skin": treatment with hypothermia]. *An Pediatr (Barc)*. 2013 Oct;79(4):253-6. doi: 10.1016/j.anpedi.2013.06.009. Epub 2013 Sep 17. Spanish. PMID: 24051185 [PubMed _ in process] Bravo MC, Cabañas F, Riera J, Pérez-Fernández E, Quero J, Pérez-Rodríguez J, Pellicer A. Randomised controlled clinical trial of standard versus echocardiographically guided ibuprofen treatment for patent ductus arteriosus in preterm infants: a pilot study. *JJ Matern Fetal Neonatal Med*. 2014 Jun;27(9):904-9. doi: 10.3109/14767058.2013.846312. Epub 2013 Oct 11. PMID: 24047189 Durrmeyer X, Hummler H, Sanchez-Luna M, Carnielli VP, Field D, Greenough A, Van Overmeire B, Jonsson B, Hallman M, Mercier JC, Marlow N, Johnson S, Baldassarre J; European Union Nitric Oxide Study Group. Two-year outcomes of a randomized controlled trial of inhaled nitric oxide in premature infants. *Pediatrics*. 2013 Sep;132(3):e695-703. doi: 10.1542/peds.2013_0007. Epub 2013 Aug 12. PMID: 23940237 [PubMed _ indexed for MEDLINE] Pérez-Yarza EG, Cabañas F, García-Algar O, Valverde-Molina J. [Anales de Pediatría: the past, the present and the future]. *An Pediatr (Barc)*. 2013 Nov;79(5):277-8. doi: 10.1016/j.anpedi.2013.06.008. Epub 2013 Jul 31. Spanish. No abstract available. PMID: 23916360 [PubMed _ in process] Langley JM, Carmona Martínez A, Chatterjee A, Halperin SA, McNeil S, Reisinger KS, Aggarwal N, Huang LM, Peng CT, García-Sicilia J, Salamanca de la Cueva I, Cabañas F, Treviño-Garza C, Rodríguez-Weber MA, de la O M, Chandrasekaran V, Dewé W, Liu A, Innis BL, Jain VK. Immunogenicity and safety of an inactivated quadravalent influenza vaccine candidate: a phase III randomized controlled trial in children. *J Infect Dis*. 2013 Aug 15;208(4):544-53. doi: 10.1093/infdis/jit263. Epub 2013 Jul 11. PMID: 23847058 [PubMed _ indexed for MEDLINE] Alarcon A, Martinez-Biarge M, Cabañas F, Hernanz A, Quero J, Garcia-Alix A. *J Pediatr. Clinical, Biochemical, and Neuroimaging Findings Predict Long-Term Neurodevelopmental Outcome in Symptomatic Congenital Cytomegalovirus Infection*. 2013 *J Pediatr*. Apr 13. doi:pii: S0022-3476(13)00290-4. 10.1016/j.jpeds.2013.03.014. [Epub ahead of print] PMID: 23587436 [PubMed _ as supplied by publisher] Pellicer A, Riera J, López-Ortego P, Bravo MC, Madero R, Perez-Rodriguez J, Labranderó C, Quero J, Buño A, Castro L, Lubomirov R, Cabañas F. Phase 1 study of two inodilators in neonates undergoing cardiovascular surgery. *Pediatr Res*. 2013 Jan;73(1):95-103. doi: 10.1038/pr.2012.154. Epub 2012 Nov 8. PubMed PMID: 23138399. Blanco D, García-Alix A, Valverde E, Tenorio V, Vento M, Cabañas F; Comisión de Estándares de la Sociedad Española de Neonatología (SEN). [Neuroprotection with hypothermia in the newborn with hypoxic-ischaemic encephalopathy. Standard guidelines for its clinical application]. *An Pediatr (Barc)*. 2011 Nov;75(5):341.e1-20. doi: 10.1016/j.anpedi.2011.07.012. Epub 2011 Sep 16. PubMed PMID: 21925984. Golombok SG, Fariña D, Sola A, Baquero H, Cabañas F, Domínguez F, Fajardo C, Goldsmith GS, Flores GL, Lee M, Varela LL, Mariani G, Miura E, Pérez JM, Zambosco G, Pellicer A, Bancalari E; Sociedad Iberoamericana de Neonatología. [Second Clinical Consensus of the Ibero-American Society of Neonatology: hemodynamic management of newborns]. *Rev Panam Salud Publica*. 2011 Apr;29(4):281-302. Spanish. PubMed PMID: 21603774. Bravo MC, López P, Cabañas F, Pérez-Rodríguez J, Pérez-Fernández E, Quero J, Pellicer A. Acute effects of levosimendan on cerebral and systemic perfusion and oxygenation in newborns: an observational study. *Neonatology*. 2011;99(3):217-23. doi: 10.1159/000314955. Epub 2010 Sep 25. Erratum in: *Neonatology*. 2011;99(4):301. Bravo, María del Carmen [corrected to Bravo, María Carmen]; Quero, José [added]. PubMed PMID: 20881438. Evans N, Gournay V, Cabanas F, Kluckow M, Leone T, Groves A, McNamara P, Mertens L. Point-of-care ultrasound in the neonatal intensive care unit: international perspectives. *Semin Fetal Neonatal Med*. 2011 Feb;16(1):61-8. doi:10.1016/j.siny.2010.06.005. Review. PubMed PMID: 20663724. Mercier JC, Hummler H, Durrmeyer X, Sanchez-Luna M, Carnielli V, Field D, Greenough A, Van Overmeire B, Jonsson B, Hallman M, Baldassarre J; EUNO Study Group. Inhaled nitric oxide for prevention of bronchopulmonary dysplasia in premature babies (EUNO): a randomised controlled trial. *Lancet*. 2010 Jul 31;376(9738):346-54. doi: 10.1016/S0140-6736(10)60664-2. Epub 2010 Jul 23. PubMed PMID: 20655106. Pellicer A, Bravo MC, Madero R, Salas S, Quero J, Cabañas F. Early systemic hypotension and vasopressor support in low birth weight infants: impact on neurodevelopment. *Pediatrics*. 2009 May;123(5):1369-76. doi:10.1542/peds.2008_0673. PubMed PMID: 19403504. Cabañas F, López-Azorín M, Pellicer A. [Assisted reproduction techniques and the health of the newborn]. *An Pediatr (Barc)*. 2009 Apr;70(4):319-22. doi: 10.1016/j.anpedi.2009.02.001. Epub 2009 Mar 17. Spanish. PubMed PMID: 19282255. Golombok SG, Sola A, Baquero H, Borbonet D, Cabañas F, Fajardo C, Goldsmith G, Lemus L, Miura E, Pellicer A, Pérez JM, Rogido M, Zambosco G, van Overmeire B; Primer Grupo de Consenso Clínico SIBEN. [First SIBEN clinical consensus: diagnostic and therapeutic approach to patent ductus arteriosus in premature newborns]. *An Pediatr (Barc)*. 2008 Nov;69(5):454-81. Spanish. PubMed PMID: 19128748. Pérez-Yarza EG, Cabañas González F, Moreno Galdó A. [Anales de Pediatría: new challenges, new structure]. *An Pediatr (Barc)*. 2008 Dec;69(6):499-500. Spanish. PubMed PMID: 19128760. Cabañas González F. [Neonatal research in Spain]. *An Pediatr (Barc)*. 2007 Oct;67(4):297-300. Spanish. PubMed PMID: 17949638. Cabañas F, Moreno A, Pérez-Yarza EG. [Anales de Pediatría and the beginning of procedures to include the journal in Journal Citation Reports]. *An Pediatr (Barc)*. 2007 Mar;66(3):227-8. Spanish. PubMed PMID: 17349247. Sánchez-Torres AM, García-Alix A, Cabañas F, Elorza MD, Madero R, Pérez J, Quero J. [Impact of cardiopulmonary resuscitation on extremely low birth weight infants]. *An Pediatr (Barc)*. 2007 Jan;66(1):38-44. Spanish. PubMed PMID: 17266853. Valverde E, Pellicer A, Madero R, Elorza D, Quero J, Cabañas F. Dopamine versus epinephrine for cardiovascular support in low birth weight infants: analysis of systemic effects and neonatal clinical outcomes. *Pediatrics*. 2006 Jun;117(6):e1213-22. Epub 2006 May 22. PubMed PMID: 16717120. Alarcon A, Garcia-Alix A, Cabañas F, Hernanz A, Pascual-Salcedo D, Martin-Ancel A, Cabrera M, Tagarro A, Quero J. Beta2-microglobulin concentrations in cerebrospinal fluid correlate with neuroimaging findings in newborns with symptomatic congenital cytomegalovirus infection. *Eur J Pediatr*. 2006 Sep;165(9):636-45. Epub 2006 May 12. PubMed PMID: 16691400. Martin-Ancel A, Garcia-Alix A, Salas S, Del Castillo F, Cabañas F, Quero J. Cerebrospinal fluid leucocyte counts in healthy neonates. *Arch Dis Child Fetal Neonatal Ed*. 2006 Sep;91(5):F357-8. Epub 2006 Jan 17. Review. PubMed PMID: 16418305; PubMed Central PMCID: PMC2672840. Pellicer A, Valverde E, Elorza MD, Madero R, Gayá F, Quero J, Cabañas F. Cardiovascular support for low birth weight infants and cerebral hemodynamics: a randomized, blinded, clinical trial. *Pediatrics*. 2005 Jun;115(6):1501-12. PubMed PMID: 15930210. Cabañas F, Moreno A, Pérez-Yarza EG. [Pediatric research and scientific publications]. *An Pediatr (Barc)*. 2003 Dec;59(6):525-8. Spanish. PubMed PMID: 14636515. Pellicer Martínez A, Cabañas González F. [Fetuses, neonates and corticoids]. *An Pediatr (Barc)*. 2003 Jul;59(1):1-5. Spanish. PubMed PMID: 12887866. González-Pérez-Yarza E, Cabañas González F, Moreno Galdó A. [Impact factor, a strategic goal]. *An Pediatr (Barc)*. 2003 Jan;58(1):1-2. Spanish. PubMed PMID: 12628110. Pellicer A, Gayá F, Madero R, Quero J, Cabañas F. Noninvasive continuous monitoring of the effects of head position on brain hemodynamics in ventilated infants. *Pediatrics*. 2002 Mar;109(3):434-40. PubMed PMID: 11875138. Pellicer A, Valverde E, Gayá F, Quero J, Cabañas F. Postnatal adaptation of brain circulation in preterm infants. *Pediatr Neurol*. 2001 Feb;24(2):103-9. PubMed PMID: 11275458. Cabañas F, Pellicer A, Valverde E. [Non-invasive monitoring of cerebral hemodynamics in the newborn]. *Rev Neurol*. 2000 Oct 16;31(8):775-83. Review. Spanish. PubMed PMID: 11082889. del Campo M, Hall BD, Aeby A, Nassogne MC, Verloes A, Roche C, Gonzalez C, Sanchez H, Garcia-Alix A, Cabanas F, Escudero RM, Hernandez R, Quero J. Albinism and agenesis of the corpus callosum with profound developmental delay: Vici syndrome, evidence for autosomal recessive inheritance. *Am J Med Genet*. 1999

Aug 27;85(5):479_85. Review. PubMed PMID: 10405446. Pellicer A, Aparicio M, Cabañas F, Valverde E, Quero J, Stiris TA. Effect of the cyclo_oxygenase blocker ibuprofen on cerebral blood volume and cerebral blood flow during normocarbida and hypercarbida in newborn piglets. Acta Paediatr. 1999 Jan;88(1):82_8. PubMed PMID: 10090554. Pellicer A, Gayá F, Stiris TA, Quero J, Cabañas F. Cerebral haemodynamics in preterm infants after exposure to dexamethasone. Arch Dis Child Fetal Neonatal Ed. 1998 Sep;79(2):F123_8. PubMed PMID: 9828739; PubMed Central PMCID: PMC1720841. Martín_Ancel A, García_Alix A, Pascual_Salcedo D, Cabañas F, Valcarce M, Quero J. Interleukin_6 in the cerebrospinal fluid after perinatal asphyxia is related to early and late neurological manifestations. Pediatrics. 1997 Nov;100(5):789_94. PubMed PMID: 9346977. Cabañas F, Pellicer A, García_Alix A, Quero J, Stiris TA. Effect of dexamethasone therapy on cerebral and ocular blood flow velocity in premature infants studied by colour Doppler flow imaging. Eur J Pediatr. 1997 Jan;156(1):41_6. PubMed PMID: 9007490. Cabañas F, Pellicer A, Valverde E, Morales C, Quero J. Central nervous system vasculopathy in neonatal lupus erythematosus. Pediatr Neurol. 1996 Sep;15(2):124_6. PubMed PMID: 8888046. Martín_Ancel A, García_Alix A, Gayá F, Cabañas F, Burgueros M, Quero J. Multiple organ involvement in perinatal asphyxia. J Pediatr. 1995 Nov;127(5):786_93. PubMed PMID: 7472837. González de Dios J, García_Alix A, Cabañas F, Quero J, Moya M. [Cerebellar hypoplasia in the newborn: association with respiratory control disorders and mental retardation]. Rev Neurol. 1995 Sep_Oct;23(123):1041_6. Spanish. PubMed PMID: 8556588. Pellicer A, Cabañas F, Pérez_Higueras A, García_Alix A, Quero J. Neural migration disorders studied by cerebral ultrasound and colour Doppler flow imaging. Arch Dis Child Fetal Neonatal Ed. 1995 Sep;73(2):F55_61. PubMed PMID: 7583607; PubMed Central PMCID: PMC2528506. García_Alix A, Martín_Ancel A, Ramos MT, Salas S, Pellicer A, Cabañas F, Quero J. Cerebrospinal fluid beta_2_microglobulin in neonates with central nervous system infections. Eur J Pediatr. 1995 Apr;154(4):309_13. PubMed PMID: 7607283. Cabañas F, Pellicer A, Morales C, García_Alix A, Stiris TA, Quero J. New pattern of hyperchogenicity in thalamus and basal ganglia studied by color Doppler flow imaging. Pediatr Neurol. 1994 Mar;10(2):109_16. PubMed PMID: 7912932. García_Alix A, Cabañas F, Pellicer A, Hernanz A, Stiris TA, Quero J. Neuron_specific enolase and myelin basic protein: relationship of cerebrospinal fluid concentrations to the neurologic condition of asphyxiated full_term infants. Pediatrics. 1994 Feb;93(2):234_40. PubMed PMID: 7510064. Pellicer A, Cabañas F, García_Alix A, Pérez Rodríguez J, Quero J. Natural history of ventricular dilatation in preterm infants: prognostic significance. Pediatr Neurol. 1993 Mar_Apr;9(2):108_14. PubMed PMID: 8499038. Pellicer A, Cabañas F, García_Alix A, Pérez_Higueras A, Quero J. Stroke in neonates with cardiac right_to_left shunt. Brain Dev. 1992 Nov;14(6):381_5. PubMed PMID: 1492650. García_Alix A, Blanco D, Cabañas F, García Sanchez P, Pellicer A, Quero J. Early neurological manifestations and brain anomalies in Marden_Walker syndrome. Am J Med Genet. 1992 Sep 1;44(1):41_5. PubMed PMID: 1519648. González de Dios J, García_Alix A, Cabañas F, Pérez Rodríguez J, Quero Jiménez J. [McKusick_Kaufman syndrome: manifestation of hydrometrocolpos]. An Esp Pediatr. 1992 Mar;36(3):242_5. Review. Spanish. PubMed PMID: 1316089. García González PL, García_Alix Pérez A, García Rubio B, Morales Bastos C, Cabañas González F, Pellicer Martínez A, Quero Jiménez J. [Injury to the cervical spinal cord in newborn infants]. An Esp Pediatr. 1992 Nov;37(5):419_21. Spanish. PubMed PMID: 1456629. Cabañas F, Pellicer A, Pérez_Higueras A, García_Alix A, Roche C, Quero J. Ultrasonographic findings in thalamus and basal ganglia in term asphyxiated infants. Pediatr Neurol. 1991 May_Jun;7(3):211_5. PubMed PMID: 1878102. García_Alix A, Cabañas F, Morales C, Pellicer A, Echevarría J, Paisan L, Quero J. Cerebral abnormalities in congenital myotonic dystrophy. Pediatr Neurol. 1991 Jan_Feb;7(1):28_32. PubMed PMID: 2029290. Díaz A, Velasco AC, Hawkins F, Cabañas F. Aeromonas hydrophila associated diarrhea in a neonate. Pediatr Infect Dis. 1986 Nov_Dec;5(6):704. PubMed PMID: 3797303. García_Monge Santidrian S, Hawkins Carranza F, Arroyo Carrera I, Muro Brussi M, Sacristán Martín A, Cabañas González F, Escribá Polo R, Magallón Martínez M, Quero Jiménez J. [Use of high doses of intravenous immunoglobulin in the treatment of neonatal thrombocytopenia secondary to maternal idiopathic thrombopenic purpura]. An Esp Pediatr. 1988 Oct;29(4):333_4. Spanish. PubMed PMID: 3232883.

Projects

Research activity focused on the neonatal brain, in macro-microcirculation in neuroimaging and research in the development of pediatric medicaments. Researcher in 26 competitive projects, 7 European. 21 Clinical trials in pediatric medicaments.

Translational research from the field of bioengineering (automatic system for the study of autoregulation of cerebral blood flow)

More than 100 publications in international journals with FI and 34 book chapters. h-index among the best researchers in the Pediatric area.

PI of the Maternal and Child Health Network (RETIC SAMID and RICORS) of the Carlos III Health Institute Spain (2008-2012, 2013-2017, 2018-2022, 2022-2024, 2025-2027).

Member of the European Steering Committee of the European study "Neocirculation" (7 Framework Program). Member of the expert groups on Ethics of 4connect children (c4c) and of the Expert Group on Neonatology (collaborative network for European Clinical Trials for Children-c4c), funded by the EU

Member of the Steering and Executive committee of the Network Spanish of Clinical Trials in Pediatrics (RECLIP).

Memberships

International Societies Membership Since 1990_ European Society of Perinatal Medicine 1991_ European Society of Magnetic Resonance in Neuropediatrics (Council member 1991_1993) 1994_ American Institute of Ultrasound in Medicine 1993_ European Society for Pediatric Research (ESPR) 1994_ ESPR Working Group on Brain and Development Council member (1996_2000) 1994_ Society for Pediatric Research (SPR) Affiliate member (USA) 2004_2007; vice_president of Iberoamerican Society of Neonatology (SIBEN) 2007_ Sept 2013 President of Iberoamerican Society of Neonatology (SIBEN) 2013_ European Academy of Pediatrics 2016_ Member of Steering group European Brain Ultrasound (EurUS.brain)_ European Society of Neonatology (ESN) 2019_ _ Member of Ethics and Neonatology expert group of the 4connect children (collaborative network for European Clinical Trials for Children). 2019_ Associate Editor Neonatology. Frontiers In Pediatrics Member of Neonatology Editorial Board

Other Relevant Information

Other scientific qualifications Invited speaker: 86 lectures at international meetings Research tutoring (PhD): 5 PhD Research review: regular reviewer for 6 journals (5 international_English journals) OTHERS Member of the Paediatric Expert Group of Spanish Medicine Evaluation Agency (AEMPS) 2003_ Member of Biomedical Research Foundation Ethic Committee. La Paz University Hospital_IDIPAZ Co_Editor of Anales de Pediatría (Barc). Since 2000_2013 (ISI) 2019_ Associate Editor Neonatology. Frontiers In Pediatrics Member of Neonatology Editorial Board RECENT AWARDS AND RECOGNITIONS Nomination of the Academic Numerary of the Illustrious Academy of Health Sciences Ramón y Cajal, in recognition of his excellent professional career and his notorious prestige in the field of health. February 2019, Award of the "Dr. Gómez Ulla Prize for Health Excellence 2019", in recognition of his professional prestige and commitment to Excellence. June 2019 Award of the European Medal of Merit at Work 2019, in recognition of his brilliant professional career as a Pediatrician Neonatologist. October 2019