

Ensayos y publicaciones.

- ENSAYOS CLÍNICOS-ESTUDIOS

SHP 643-301: SPRING STUDY: An Open-Label, Multicenter, Phase 3 Study to Evaluate the Safety, Pharmacokinetics, and Pharmacodynamics of Lanadelumab for Prevention Against Acute Attacks of Hereditary Angioedema (HAE) in Pediatric Subjects 2 to <12 Years of Age. 2019-2022 PI: María Pedrosa.

BCX7353-304. A Phase 3 study to evaluate the safety and pharmacokinetics of berotralstat prophylaxis in children with hereditary angioedema (HAE) who are 2 to < 12 years of age. Eudra CT N°: 2021-005932-50. 2022- PI: María Pedrosa

Desarrollo de un cuestionario de calidad de vida relacionada con la salud (CVRS) en niños con angioedema hereditario por déficit de C1 inhibidor (AEH-C1INH). PI: María Pedrosa

- PUBLICACIONES DE LOS ÚLTIMOS 10 AÑOS

1: Caballero T, Cabañas R, Pedrosa M. Medical algorithm: Management of C1 inhibitor hereditary angioedema. *Allergy*. 2022 Mar;77(3):1060-1063. doi: 10.1111/all.15115. Epub 2021 Oct 22. PMID: 34587298.

2: Pérez-Tavarez R, Moreno HM, Borderias J, Loli-Ausejo D, Pedrosa M, Hurtado JL, Rodríguez-Pérez R, Gasset M. Fish muscle processing into seafood products reduces β -parvalbumin allergenicity. *Food Chem*. 2021 Dec 1;364:130308. doi: 10.1016/j.foodchem.2021.130308. Epub 2021 Jun 16. PMID: 34157591.

3: Pedrosa M, Loli-Ausejo D, Garcia-Lozano JR, Fiandor A, Lluch-Bernal M, Hurtado JL, Dominguez-Ortega J, Quirce S, Gasset M, Rodríguez-Pérez R. The Burden of Allergens in Surimi-Based Products Diminishes With Industrial Processing. *J Investig Allergol Clin Immunol*. 2021 Oct 25;31(5):443-445. doi: 10.18176/jiaci.0674. Epub 2021 Feb 5. PMID: 33541852.

4: Loli-Ausejo D, López-Lera A, Drouet C, Lluncor M, Phillips-Anglés E, Pedrosa M, Cabañas R, Caballero T. In Search of an Association Between Genotype and Phenotype in Hereditary Angioedema due to C1-INH Deficiency. *Clin Rev Allergy Immunol*. 2021 Aug;61(1):1-14. doi: 10.1007/s12016-021-08834-9. Epub 2021 Jan 19. PMID: 33469833.

5: Pedrosa M, Guerrero-Sanchez VM, Canales-Bueno N, Loli-Ausejo D, Castillejo MÁ, Quirce S, Jorrián-Novo JV, Rodríguez-Pérez R. Quercus ilex pollen allergen, Que i 1, responsible for pollen food allergy syndrome caused by fruits in Spanish allergic patients. *Clin Exp Allergy*. 2020 Jul;50(7):815-823. doi: 10.1111/cea.13679. Epub 2020 Jun 23. PMID: 32511782.

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8: Longhurst H, Cicardi M, Craig T, Bork K, Grattan C, Baker J, Li HH, Reshef A, Bonner J, Bernstein JA, Anderson J, Lumry WR, Farkas H, Katelaris CH, Sussman GL, Jacobs J, Riedl M, Manning ME, Hebert J, Keith PK, Kivity S, Neri S, Levy DS, Baeza ML, Nathan R, Schwartz LB, Caballero T, Yang W, Crisan I, Hernandez MD, Hussain I, Tarzi M, Ritchie B, Králíčková P,

Guilarte M, Rehman SM, Banerji A, Gower RG, Bensen-Kennedy D, Edelman J, Feuersenger H, Lawo JP, Machnig T, Pawaskar D, Pragst I, Zuraw BL; COMPACT Investigators. Prevention of Hereditary Angioedema Attacks with a Subcutaneous C1 Inhibitor. *N Engl J Med.* 2017 Mar 23;376(12):1131-1140. doi: 10.1056/NEJMoa1613627. PMID: 28328347.

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10: Sánchez R, Martínez J, Castro A, Pedrosa M, Quirce S, Rodríguez-Pérez R, Gasset M. The amyloid fold of Gad m 1 epitopes governs IgE binding. *Sci Rep.* 2016 Sep 6;6:32801. doi: 10.1038/srep32801. PMID: 27597317; PMCID: PMC5011719.

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12: Prieto-García A, Marcos C, Caballero T; Spanish Group for Study of Bradykinin-Mediated Angioedema. Classification of angioedema without wheals. *Ann Allergy Asthma Immunol.* 2016 Feb;116(2):177. doi: 10.1016/j.anai.2015.11.004. PMID: 26815713.

13: Gómez-Traseira C, Pérez-Fernández E, López-Serrano MC, García-Ara MC, Pedrosa M, López-Trascasa M, Caballero T. Clinical Pattern and Acute and Long- term Management of Hereditary Angioedema Due to C1-Esterase Inhibitor Deficiency. *J Investig Allergol Clin Immunol.* 2015;25(5):358-64. PMID: 26727765.

14: Pedrosa M, Phillips-Angles E, López-Lera A, López-Trascasa M, Caballero T. Complement Study Versus CINH Gene Testing for the Diagnosis of Type I Hereditary Angioedema in Children. *J Clin Immunol.* 2016 Jan;36(1):16-8. doi: 10.1007/s10875-015-0222-9. Epub 2015 Dec 10. PMID: 26661330.

15: García-Boyano M, Pedrosa M, Quirce S, Boyano-Martínez T. Household almond and peanut consumption is related to the development of sensitization in young children. *J Allergy Clin Immunol.* 2016 Apr;137(4):1248-1251.e6. doi: 10.1016/j.jaci.2015.09.006. Epub 2015 Oct 28. PMID: 26521041.

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17: Gómez-Traseira C, Boyano-Martínez T, Escosa-García L, Pedrosa M, Martín- Muñoz F, Quirce S. Trimethoprim-sulfamethoxazole (cotrimoxazole) desensitization in an HIV-infected 5-yr-old girl. *Pediatr Allergy Immunol.* 2015 May;26(3):287-289. doi: 10.1111/pai.12353. PMID: 25692246.

18: Pedrosa M, Prieto-García A, Sala-Cunill A; Spanish Group for the Study of Bradykinin-Mediated Angioedema (SGBA) and the Spanish Committee of Cutaneous Allergy (CCA). Management of angioedema without urticaria in the emergency department. *Ann Med.* 2014 Dec;46(8):607-18. doi: 10.3109/07853890.2014.949300. PMID: 25580506.

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- 23: Cabanillas B, Maleki SJ, Rodríguez J, Cheng H, Teuber SS, Wallowitz ML, Muzquiz M, Pedrosa MM, Linacero R, Burbano C, Novak N, Cuadrado C, Crespo JF. Allergenic properties and differential response of walnut subjected to processing treatments. *Food Chem*. 2014 Aug 15;157:141-7. doi: 10.1016/j.foodchem.2014.02.025. Epub 2014 Feb 14. PMID: 24679763.
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- 27: Pedrosa M, Boyano-Martínez T, García-Ara MC, Caballero T, Quirce S. Peanut seed storage proteins are responsible for clinical reactivity in Spanish peanut- allergic children. *Pediatr Allergy Immunol*. 2012 Nov;23(7):654-9. doi: 10.1111/j.1399-3038.2012.01337.x. Epub 2012 Jul 26. PMID: 22830362.
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- 31: García-Boyano M, Gómez-Traseira C, Umpiérrez AM, Quirce S, Boyano-Martínez T. Drug Provocation Tests for Assessing Antibiotic Hypersensitivity: Is Shorter Also Better? *Pediatr Infect Dis J*. 2020 Sep;39(9):835-839. doi: 10.1097/INF.0000000000002746. PMID: 32404778.
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