

Diagnóstico y Tratamiento de las Enfermedades Alérgicas



Publicaciones: 41

Factor Impacto: 222.⁹⁸⁸

QI: 15

Actividad de Investigación

TESIS DOCTORALES

Bobolea I. Fenotipos y endotipos de asma grave: Mecanismos moleculares implicados en la patogénesis y en la desensibilización a aspirina [dissertation]. Madrid: UAM; 2017(19/09/2017).

Directores: Quirce Gancedo S; Álvarez Sala R.

Jurado Palomo J. Eficacia y seguridad de la profilaxis a corto plazo con andrógenos atenuados y/o concentrando plasmático de CI inhibidor en la realización de procedimientos odontostomatológicos, maxilofaciales y otorrinolaringológicos en pacientes con angioedema hereditario por déficit de la proteína inhibidor de la CI esterasa funcionalmente activa [dissertation]. Madrid: UAM; 2017(17/10/2017).

Directores: Caballero Molina MT; Álvarez Sala R.

LIBROS Y CAPÍTULOS DE LIBROS

Jurado-Palomo J, Bobolea ID, Vlagea AD, Caballero T. Bradykinin-mediated angioedema across the history. In: Pelin Kartal S, Kutlubay Z. A comprehensive review of urticaria and angioedema. Rijeka, Croacia: InTechOpen, 2017. p.205-25

Jurado-Palomo J, Caballero T. Pathophysiology of Bradykinin-mediated angioedema: The role of the complement system. In: Pelin Kartal S, Kutlubay Z. A comprehensive review of urticaria and angioedema. Rijeka, Croacia: InTechOpen, 2017. p.151-76

Jurado-Palomo J, Caballero T. Short-term prophylaxis in odontostomatological, maxillofacial and ENT procedures in patients with hereditary angioedema due to C1-inhibitor deficiency. In: Pelin Kartal S, Kutlubay Z. A comprehensive review of urticaria and angioedema. Rijeka, Croacia: InTechOpen, 2017. p.177-204

PUBLICACIONES

- Buhl R, Humbert M, Bjermer L, Chanze P, Heaney LG, Pavord I, Quirce S, Virchow JC, Holgate S. Severe eosinophilic asthma: a roadmap to consensus. Eur Respir J. 2017; 49(5): 1700634. Editorial Material. IF: 12.242; DI
- Caballero T, Aberer W, Longhurst HJ, Maurer M, Zanichelli A, Perrin A, Bouillet L, Andresen I. The Icatibant Outcome Survey: experience of hereditary angioedema management from six European countries. J Eur Acad Dermatol. 2017; 31(7): 1214-22. Article. IF: 4.287; Q1
- Caballero T, Prior N. Burden of illness and quality-of-life measures in angioedema conditions. Immunol Allergy Clin. 2017; 37(3): 597-616. Article. IF: 3.694; Q2
- Canas JA, Sastre B, Mazzeo C, Fernández-Nieto M, Rodríguez-Muñoz JM, González-Guerra A, Izquierdo M, Barranco P, Quirce S, Sastre J, del Pozo V. Exosomes from eosinophils autoregulate and promote eosinophil functions. J Leukocyte Biol. 2017; 101(5): 1191-9. Article. IF: 4.224; Q2
- Dominguez-Ortega J, Delgado J, Blanco C, Prieto L, Arroabarren E, Cimarra M, Henríquez-Santana A, Iglesias-Souto J, Vega-Chicote JM, Tabar AL. Specific allergen immunotherapy for the treatment of allergic asthma: a review of current evidence. J Invest Allergol Clin. 2017; 27: 1-35. Review. IF: 3.457; Q2
- Farkas H, Reshef A, Aberer W, Caballero T, McCarthy L, Hao J, Nothaft W, Schranz J, Bernstein JA, Li HH. Treatment effect and safety of icatibant in pediatric patients with hereditary angioedema. J Allergy Clin Immunol Pract. 2017; 5(6): 1671-8. Article. IF: 6.966; DI



Large System Pathologies Area

- García-Ara C, Pedrosa M, Quirce S, Caballero T, Boyano-Martínez T. Sensitization to microarrayed species-specific plant components precedes that of cross-reacting allergens. *Pediat Allerg Imm-UK.* 2017; 28(3): 288-91. Letter. IF: 4.137; D1
- Gómez-Traseira C, Caballero T. Angioedema after caesarean delivery in a patient with hereditary angioedema with normal C1 inhibitor and PTHR309LYS mutation in the F12 gene - is it always bradykinin-mediated? *Curr Allergy Clin Im.* 2017; 30(2): 94-6. Article. Not Indexed
- González-Cavero L, Domínguez-Ortega J, González-Muñoz M, Mayor-Ibarguren A, Tomás M, Fiandor A, Quirce S. Delayed allergic reaction to terbinafine with a positive lymphocyte transformation test. *J Invest Allerg Clin.* 2017; 27(2): 136-7. Article. IF: 3.457; Q2
- González-Mancebo E, Domínguez-Ortega J, Blanco-Bermejo S, González-Seco E, Trujillo MJ, de la Torre F. Comparison of two diagnostic techniques, skin-prick test and component resolved diagnosis in the follow-up of a cohort of paediatric patients with pollinosis. Multicentre pilot study in a highly exposed allergenic area. *Allergol Immunopath.* 2017; 45(2): 121-6. Article. IF: 1.644; Q4
- Grabenhenrich LB, Reich A, Bellach J, Trendelenburg V, Sprinkelmann AB, Roberts G, Grimshaw KEC, Sigurdardottir S, Kowalski ML, Papadopoulos NG, Quirce S, Dubakiene R, Niggemann B, Fernández-Rivas M, Ballmer-Weber B, van Ree R, Schnadt S, Mills ENC, Keil T, Beyer K. A new framework for the documentation and interpretation of oral food challenges in population-based and clinical research. *Allergy.* 2017; 72(3): 453-61. Article. IF: 6.048; Q1
- Hochwallner H, Schulmeister U, Swoboda I, Focke-Tejkl M, Reiningger R, Civaj V, Campana R, Thalhamer J, Scheiblhofer S, Balic N, Horak F, Ollert M, Papadopoulos NG, Quirce S, Szepfaluszi Z, Herz U, van Tol EAF, Spitzauer S, Valenta R. Infant milk formulas differ regarding their allergenic activity and induction of T-cell and cytokine responses. *Allergy.* 2017; 72(3): 416-24. Article. IF: 6.048; Q1
- Longhurst H, Cicardi M, Craig T, Bork K, Grattan C, Baker J, Li HH, Reshef A, Bonner J, Bernstein JA, Anderson J, Lumry VR, 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, Hernández MD, Hussain I, Tarzi M, Ritchie B, Kralickova P, Guijarro M, Rehman SM, Banerji A, Gower RG, Bensen-Kennedy D, Edelman J, Feuersinger H, Lawo JP, Machnig T, Pawaskar D, Pragst I, Zuraw BL. Prevention of hereditary angioedema attacks with a subcutaneous C1 inhibitor. *New Engl J Med.* 2017; 376(12): 1131-40. Article. IF: 79.258; D1
- Longhurst HJ, Zanichelli A, Caballero T, Bouillet L, Aberer W, Maurer M, Fain O, Fabien V, Andrensen I. Comparing acquired angioedema with hereditary angioedema (types I/II): findings from the Icatibant Outcome Survey. *Clin Exp Immunol.* 2017; 188(1): 148-53. Article. IF: 3.542; Q2
- López-Vina A, Giner J, Molina J, Palicio J, Plaza J, Quintano JA, Quirce S, Soria C, Uréndez AM, Plaza V. Multidisciplinary consensus on the nonadherence to clinical management of inhaled therapy in Spanish asthma patients. *Clin Ther.* 2017; 39(8): 1730-45. Article. IF: 3.185; Q2
- Martínez-Moragón E, Entrenas LM, Plaza V, Quirce S. Attitudes and barriers uncontrolled asthma in Spain. Abanico study. *Rev Clin Esp.* 2017; 217(1): 60-2. Letter. IF: 1.184; Q3
- Martínez-Moragón E, Plaza V, Torres I, Rosado A, Urrutia I, Casas X, Hinojosa B, Blanco-Aparicio M, Delgado J, Quirce S, Sabadell C, Cebollero P, Muñoz-Fernández A. Fibromyalgia as a cause of uncontrolled asthma: a case-control multicenter study. *Curr Med Res Opin.* 2017; 33(12): 2181-6. Article. IF: 2.665; Q1
- Miravitlles M, Álvarez-Gutiérrez FJ, Calle M, Casanova C, Cosío BG, López-Vina A, de Llano LP, Quirce S, Román-Rodríguez M, Soler-Cataluña JJ, Plaza V. Algorithm for identification of asthma-COPD overlap: consensus between the Spanish COPD and asthma guidelines. *Eur Respir J.* 2017; 49(5): 1700068. Letter. IF: 12.242; D1
- Murillo-Cuesta S, Vallecillo N, Cediel R, Celaya AM, Lassaletta L, Varela-Nieto I, Contreras J. A comparative study of drug delivery methods targeted to the mouse inner ear: Bulloscopy versus transtympanic injection. *J Vis Exp.* 2017; (121): e54951. Article. IF: 1.184; Q2
- Phillips-Angles E, Barranco P, Lluch-Bernal M, Domínguez-Ortega J, López-Carrasco V, Quirce S. Aspirin tolerance in patients with nonsteroidal anti-inflammatory drugs exacerbated respiratory disease following treatment with omalizumab. *J Allergy Clin Immunol Pract.* 2017; 5(3): 842-5. Letter. IF: 6.966; D1
- Plaza V, Álvarez F, Calle M, Casanova C, Cosío BG, López-Vina A, de Llano LP, Quirce S, Román-Rodríguez M, Soler-Cataluña JJ, Miravitlles M. Consensus on the Asthma-COPD Overlap Syndrome (ACOS) between the Spanish COPD Guidelines (GesEPOC) and the Spanish Guidelines on the Management of Asthma (GEMA). *Arch Bronconeumol.* 2017; 53(8): 443-9. Article. IF: 2.633; Q2
- Pola-Bibian B, Domínguez-Ortega J, Vila-Nadal G, Entrala A, González-Cavero L, Barranco P, Cancelliere N, Díaz-Almirón M, Quirce S. Asthma exacerbations in a tertiary Hospital: Clinical features, triggers, and risk factors for hospitalization. *J Invest Allerg Clin.* 2017; 27(4): 238-45. Article. IF: 3.457; Q2
- Quirce S, Campo P, Domínguez-Ortega J, Fernández-Nieto M, Gómez-Torrijos E, Martínez-Arcediano A, Mur P, Delgado J. New developments in work-related asthma. *Expert Rev Clin Immunol.* 2017; 13(3): 271-81. Review. IF: 3.436; Q2
- Quirce S, Delgado J, Entrenas LM, Grande M, Llorente C, Vina AL, Moragón EM, Mascaro E, Molina J, Olaguibel JM, de Llano LAP, Tordera MP, Quintano JA, Rodríguez M, Román-Rodríguez M, Sastre J, Trigueros JA, Valero AL, Zoni AC, Plaza V. Quality indicators of asthma care derived from the Spanish Guidelines for Asthma Management (GEMA 4.0): A multidisciplinary team report. *J Invest Allerg Clin.* 2017; 27(1): 69-73. Editorial Material. IF: 3.457; Q2
- Ramírez E, Bellón T, Tong HY, Borobia AM, de Abajo FJ, Lerma V, Hidalgo MAM, Castañer JL, Cabañas R, Fiandor A, González-Ramos J, Herranz P, Cachafeiro L, González-Herrada C, González O, Aramburu JA, Laosa O, Hernández R, Carcas AJ, Frías J. Significant HLA class I type associations with aromatic antiepileptic drug (AED)-induced SJS/TEN are different from those found for the same AED-induced DRESS in the Spanish population. *Pharmacol Res.* 2017; 115: 168-78. Article. IF: 4.897; D1
- Ramírez E, Medrano-Casique N, Tong HY, Bellón T, Cabañas R, Fiandor A, González-Ramos J, Herranz P, Trigo E, Muñoz M, Borobia AM, Carcas AJ, Frías J. Eosinophilic drug reactions detected by a prospective pharmacovigilance programme in a tertiary hospital. *Brit J Clin Pharmacol.* 2017; 83(2): 400-15. Article. IF: 3.838; Q1
- Rodríguez-Sanz A, Sánchez-Villanueva R, Domínguez-Ortega J, Fiandor AM, Ruiz MP, Trocoli F, Díaz-Teijeiro R, Cadenillas C, González E, Martínez V, López-Trascasa M, Quirce S, Selgas R, Bellón T. Mechanisms involved in hypersensitivity reactions to polysulfone hemodialysis membranes. *Artif Organs.* 2017; 41(11): E285-95. Article. IF: 2.111; Q2
- Tripodi S, Pingitore G, Calvani M, Scala G, Rodríguez-Pérez R, Sfika I, Asero R. Anisakis sensitivity in Italian children: A prospective study. *J Invest Allerg Clin.* 2017; 27(2): 142-3. Article. IF: 3.457; Q2
- Valero A, Quirce S, Dávila I, Delgado J, Domínguez-Ortega J. Allergic respiratory disease: Different allergens, different symptoms. *Allergy.* 2017; 72(9): 1306-16. Article. IF: 6.048; Q1
- van Kampen V, de Biay F, Folletti I, Kobierski P, Moscato G, Olivieri M, Quirce S, Sastre J, Walusiak-Skorupa J, Raulf M. Skin prick testing in the diagnosis of occupational type I allergies - a EAACI position paper. *Allergologie.* 2017; 40(1): 29-36. Article. IF: 0.22; Q4
- Zanichelli A, Maurer M, Aberer W, Caballero T, Longhurst HJ, Bouillet L, Fabien V, Andrensen I. Long-term safety of icatibant treatment of patients with angioedema in real-world clinical practice. *Allergy.* 2017; 72(6): 994-8. Article. IF: 6.048; Q1

- Quirce S, Phillips-Angles E, Domínguez-Ortega J, Barranco P. Biologics in the treatment of severe asthma. Allergol Immunopathol (Madr). 2017; 45 Suppl 1: 45-9. Review. IF: 1.644; Q4
- Aberer W, Maurer M, Bouillet L, Zanichelli A, Caballero T, Longhurst HJ, Perrin A, Andresen I. Breakthrough attacks in patients with hereditary angioedema receiving long-term prophylaxis are responsive to icatibant: findings from the Icatibant Outcome Survey. Allergy Asthma Clin Immunol. 2017; 13: 31. Article. IF: 2.051; Q3
- Jindal NL, Harniman E, Prior N, Pérez-Fernández E, Caballero T, Betschel S. Hereditary angioedema: health-related quality of life in Canadian patients as measured by the SF-36. Allergy Asthma Clin Immunol. 2017; 13: 4. Article. IF: 2.051; Q3
- Navarro AM, Delgado J, Muñoz-Cano RM, Dordal MT, Valero A, Quirce S. Allergic respiratory disease (ARD), setting forth the basics: proposals of an expert consensus report. Clin Transl Allergy. 2017; 7: 16. Article. IF: 3.539; Q2
- Ventura MT, Rodríguez-Pérez R, Caballero ML, García-Alonso M, Antonicelli L, Asero R. IgE, IgG(1) and IgG(4) response to specific allergens in sensitized subjects showing different clinical reactivity to Anisakis simplex. Eur Ann Allergy Clin Immunol. 2017; 49(2): 52-8. Article. Not Indexed
- Martín-Muñoz MF, Díaz-Perales A, Cannabal J, Quirce S. Anaphylaxis to hidden potato allergens in a peach and egg allergic boy. Eur Ann Allergy Clin Immunol. 2017; 49(1): 45-8. Article. Not Indexed
- Sánchez-García S, Mena AH, Quirce S. Biomarkers in inflammatory paediatric asthma: utility in daily clinical practice. Eur Clin Respir J. 2017; 4: 1356160. Review. Not Indexed
- Bygum A, Busse P, Caballero T, Maurer M. Disease severity, activity, impact, and control and how to assess them in patients with hereditary angioedema. Front Med (Lausanne). 2017; 4: 212. Review. Not Indexed
- Barranco P, Phillips-Angles E, Domínguez-Ortega J, Quirce S. Dupilumab in the management of moderate-to-severe asthma: the data so far. Ther Clin Risk Manag. 2017; 13: 1139-49. Review. IF: 1.995; Q3
- Sánchez-Borges M, Fernández-Caldas E, Thomas WR, Chapman MD, Lee BW, Caraballo L, Acevedo N, Chew FT, Ansotegui IJ, Behrooz L, Phipatanakul W, van Wijk RG, Pascal D, Rosario N, Ebisawa M, Geller M, Quirce S, Vrtala S, Valenta R, Ollert M, Canonica GW, Calderón MA, Barnes CS, Custovic A, Benjaponpitak S, Capriles-Hulett A. International consensus (ICON) on: clinical consequences of mite hypersensitivity, a global problem. World Allergy Organ J. 2017; 10: 14. Article. IF: 5.676; Q1

PROYECTOS PÚBLICOS

Caballero Soto MI. Estudio de tumorigenesis asociada a anisakis simple (PII2/00888). ISCIII. 2013-2017.

Centro de gestión: FIBHULP

Rodríguez Pérez MR. Contrato Miguel Servet tipo II (MSII13/000022). ISCIII. 2014-2020.

Centro de gestión: FIBHULP

Rodríguez Pérez MR. Identificación de genes y de microRNAs implicados en la función de los linfocitos T y B como nuevos biomarcadores para el diagnóstico in vitro de la alergia a anisakis (PII2/00581). ISCIII. 2013-2017.

Centro de gestión: FIBHULP

PROYECTOS PRIVADOS

Barranco Sanz MPE. Jornada de investigación sobre asma de difícil control. Varios Financiadores. 2011-Ongoing.

Centro de gestión: FIBHULP

Caballero Molina MT. Curso teórico-práctico de formación en investigación en angioedema. Shire Pharmaceuticals Ibérica S.L. 2017-Ongoing.

Centro de gestión: FIBHULP

Caballero Molina MT. Development and trans-cultural validation of an international specific questionnaire (IHAE-QOL) for assessment of health related quality of life in adult patients with hereditary angioedema due to C1 inhibitor deficiency (HAE) and quality of life. Hereditary Angio-Edema In. 2009-Ongoing.

Centro de gestión: FIBHULP

Domínguez Ortega FJ. Asesoramiento para el diseño del estudio clínico: ensayo clínico prospectivo multicéntrico aleatorizado de doble simulación controlado con placebo de búsqueda de la dosis más eficaz para el tratamiento de rinitis/riñoconjuntivitis por alergia frente al polen de gramínea. Inmunotek. 2015-Ongoing.

Centro de gestión: FIBHULP

Domínguez Ortega FJ. Conocimientos básicos en patología alérgica para un médico residente e investigadores del Hospital Universitario La Paz. Glaxosmithkline S.A. 2017.

Centro de gestión: FIBHULP

Quirce Gancedo SE. Relación entre asma y obesidad en la población española mayor o igual a 18 años. Laboratorio Menarini S.A. 2009.

Centro de gestión: FIBHULP

Quirce Gancedo SE. Sesiones en investigación del diagnóstico molecular como herramienta de identificación de perfiles de respuesta en pacientes con enfermedad respiratoria alérgica y alergia a alimentos. Thermo Fisher Diagnostics S.L.U. 2017-Ongoing.

Centro de gestión: FIBHULP

Rodríguez Pérez MR. Desarrollo de un programa formativo de formación en investigación en centros de trabajo. Colegio Valle del Miro. 2016-Ongoing.

Centro de gestión: FIBHULP

PROYECTOS INTERNACIONALES

Quirce Gancedo SE. Integrated approaches for food allergen and allergy risk management (iFAAM). UE. 2013-2017.

Centro de gestión: FIBHULP

ENSAYOS CLÍNICOS

Quirce Gancedo SE. Estudio piloto de reslizumab en pacientes con asma grave que no han respondido a omalizuma. Type: Clinical Trial, phase II.

Código HULP: 4805. Código de protocolo patrocinado: SEP-RES-20196-01.

Patrocinado por: F Hoffmann-La Roche Ltd.

Fecha de firma: 10/03/2017

PATENTES Y MARCAS

Valenta R, Constantin C, Quirce Gancedo, SE, inventors; Phadia AB, assignee. Novel wheat allergens. PCT/SE2008/051377, EP2225266, US2010305049, AU2008330230,

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CA2707190, CN101932597, JP2011505134, RU2010126590;
2007 November 30.

Caballero Molina MT, Prior Gómez N, Remor Bitencourt EA, authors, FIBHULP, assignee. Trademark name: HAE-QoL HEREDITARY ANGIOEDEMA QUALITY OF LIFE. CM 13.083.068; 2014 July 15.



Sánchez Herreros R, Martínez Fernández J, Castro Morera A, Gasset Vega M, Rodríguez Pérez RM, Pedrosa Delgado M, Quirce Gancedo S, inventors; FIBHULP, CSIC, assignees. Food allergen extracts and methods of producing and using the same. EP16382413.9 (Publication Number pending); 2016 September 06.

del Pozo Abejón V, Sastre Dominguez J, Rodrigo-Muñoz JM, Sastre Turrión B, Quirce Gancedo S, Cañas Mañas JA, inventors; FIISFJD, Centro de Investigación Biomédica en Red (CIBER), FIBHULP, Fundación Conchita Rábago de Jiménez Díaz, assignees. In vitro method for identifying severity levels in bronchial asthma patients. P201730739; 2017 May 29.

