

# Diagnosis and Treatment of Allergic Diseases Group



Publications: 41

Impact Factor: 222.988

Q1: 15

## Research Activity

### DOCTORAL THESES

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).

Directors: 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 C1 inhibidor en la realización de procedimientos odontostomatológicos, maxilofaciales y otorrinolaringológicos en pacientes con angioedema hereditario por déficit de la proteína inhibitor de la C1 esterasa funcionalmente activa [dissertation]. Madrid: UAM; 2017(17/10/2017).

Directors: Caballero Molina MT; Álvarez Sala R.

### BOOKS AND BOOK CHAPTERS

**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

### PUBLICATIONS

- Buhl R, Humbert M, Bjermer L, Chanez 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, Rodrigo-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
- Domínguez-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
- 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



## Large System Pathologies Area

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- 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
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- 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, Sprikkelman 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
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## PUBLIC PROJECTS

**Caballero Soto MI.** Estudio de tumorigenesis asociada a anisakis simple (PI12/00888). ISCIII. 2013-2017.

Management centre: FIBHULP

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

Management centre: 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 (PI12/00581). ISCIII. 2013-2017.

Management centre: FIBHULP

## PRIVATE PROJECTS

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

Management centre: FIBHULP

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

Management centre: 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 lives. Hereditary Angio-Edema In. 2009-Ongoing.

Management centre: 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.

Management centre: FIBHULP

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

Management centre: FIBHULP

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

Management centre: 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.

Management centre: FIBHULP

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

Management centre: FIBHULP

## INTERNATIONAL PROJECTS

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

Management centre: FIBHULP

## CLINICAL TRIALS

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

HULP code: 4805. Sponsored's protocol code: SEP-RES-20196-01.

Sponsored by: F.Hoffmann-La Roche Ltd.

Signed date: 10/03/2017

## PATENTS AND TRADEMARKS

**Valenta R, Constantin C, Quirce Gancedo, SE,** inventors; Phadia AB, assignee. Novel wheat allergens. PCT/SE2008/051377, EP2225266, US2010305049, AU2008330230, CA2707190, CN101932597, JP2011505134, RU2010126590; 2007 November 30.

**Caballero Molina MT, Prior Gómez N, Remor Bitencourt EA,** authors, FIBHULP, assignee. Trademark name: HAE-QoL

## Large System Pathologies Area



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.

