



3.3 Infectious Diseases and Immunity Area



 Publications: **8**  Impact Factor: **39.201**  QI: **1**

Diagnosis and Treatment of Diseases Associated with Abnormalities of the Complement System Group

Research Activity

Doctoral theses

Corvillo Rodríguez F. Estudio de los mecanismos inmunopatológicos en lipodistrofias adquiridas de tipo parcial y generalizado[dissertation]. Madrid: UAM: 2018(22/06/18).

Director: López Trascasa M.

Books and book chapters

Melgosa Hijosa M. Epidemiología y etiología de la enfermedad renal crónica. In: Florentín de Merech L, Flores J, Ferrari J. Guía de trasplante renal pediátrico. Madrid: EFACIM, 2018. p.3-25

Publications

- Bermejo EM, Caballero T, López-Trascasa M, Peregrín PC, Herrera JG. Acquired angioedema with Anti-C1-inhibitor autoantibodies during assisted reproduction techniques. *J Invest Allerg Clin.* 2018; 28(1): 62-4. Editorial Material. IF: 3.802; Q2.
- Corvillo F, Aparicio V, López-Lera A, Garrido S, Araujo-Vilar D, de Miguel MP, López-Trascasa M. Autoanti-

bodies against perilipin 1 as a cause of acquired generalized lipodystrophy. *Front Immunol.* 2018; 9: 2142. Article. IF: 4.716; Q2

- Corvillo F, López-Trascasa M. Acquired partial lipodystrophy and C3 glomerulopathy: Dysregulation of the complement system as a common pathogenic mechanism. *Nefrologia.* 2018; 38(3): 258-66. Review. IF: 1.439; Q4
- de Jorge EG, Lera AL, Bayarri-Olmos R, Yébenes H, López-Trascasa M, de Córdoba SR. Common and rare genetic variants of complement components in human disease. *Mol Immunol.* 2018; 102: 42-57. Article. IF: 3.064; Q2
- Jiménez-Reinoso A, Marín AV, Subías M, López-Lera A, Román-Ortiz E, Payne K, MCS, Arbore G, Kolev M, Freeley SJ, Kemper C, Tangye SG, Fernandez-Malave E, de Córdoba SR, López-Trascasa M, Regueiro JR. Human plasma C3 is essential for the development of memory B, but not T, lymphocytes. *J Allergy Clin Immun.* 2018; 141(3): 1151-4. Letter. IF: 14.11; D1
- Loules G, Zamanakou M, Parsopoulou F, Vatsiou S, Psarros F, Csuka D, Porebski G, Obtulowicz K, Valeriewa A, Staevska M, López-Lera A, López-Trascasa M, Moldován D, Magerl M, Maurer M, Speletas M, Farkas H, Germinen AE. Targeted next-generation sequencing for the molecular diagnosis of hereditary angioedema due to C1-inhibitor deficiency. *Gene.* 2018; 667: 76-82. Article. IF: 2.638; Q2
- Pouw RB, Delgado IG, Lera AL, de Córdoba SR, Wouters D, Kuijpers TV, Sánchez-Corral P. High complement factor H-related (FHR)-3 levels are associated with the atypical hemolytic-uremic syndrome-risk

allele CFHR3*B. Front Immunol. 2018; 9: 848. Article. IF: 4.716; Q2

- Sánchez-Corral P, Pouw RB, López-Trascasa M, Jozsi M. Self-damage caused by dysregulation of the complement alternative pathway: Relevance of the factor H protein family. Front Immunol. 2018; 9: 1607. Review. IF: 4.716; Q2

Public projects

López Trascasa M. COMPLEMENTO II-CM - El sistema del complemento en salud y enfermedad (S2017/BMD-3673). CM. 2018-2019.

Managment centre: FIBHULP

López Trascasa M. Nuevos biomarcadores en enfermedades mediadas por el sistema del complemento (PI15/00255). ISCIII. 2016-2018.

Managment centre: FIBHULP

Sánchez-Corral Gómez P. Contrato de estabilización I2. CM. 2008-2018.

Managment centre: FIBHULP

Sánchez-Corral Martínez P. Nefropatías asociadas con desregulación del complemento: estudio de factores de riesgo y evolución mediante proteomica traslacional (PI16/00723). ISCIII. 2017-2019.

Managment centre: FIBHULP

Private projects

Sánchez-Corral Gómez P. Contribución de variantes de las proteínas FHRS (Factor H-Retaled) del complemento en patología renal. Fundación Senefro. 2018-Ongoing.

Managment centre: FIBHULP

Clinical trials

Espinosa Román L. Carga de la enfermedad de la hipofosfatemia ligada al cromosoma X (XLH-QOL en adelante). Type: NO-EPA.

HULP code: PI-3004. Sponsored's protocol code: XLH-QoL-2017-02.

Sponsored by: Kyowa Kirin Farmaceutica S.L.U. Signed date: 18/01/2018

Patents and trademarks

López Trascasa M, authors; FIBHULP, assignee. Brand name: COMPLEMENTest; CM 009.658.791; 2011, January 14.

