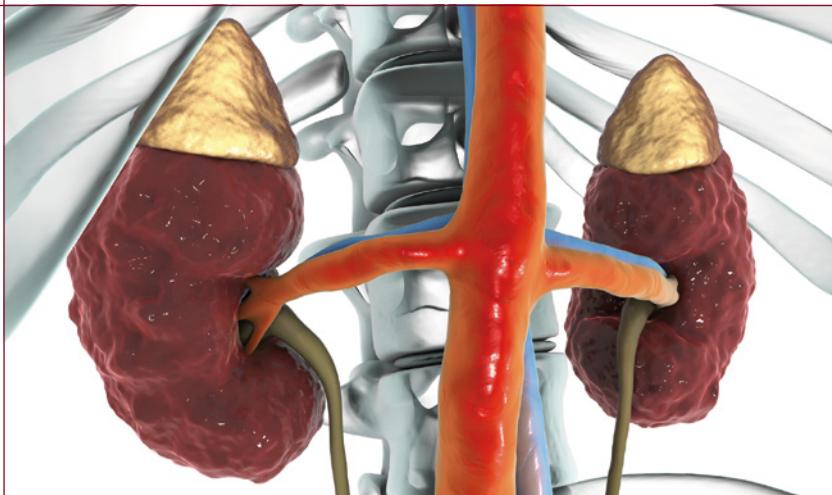


# Nephrology Group



Publications: 38

Impact Factor: 359.<sup>461</sup>

Q1: 19

## Research Activity

### DOCTORAL THESES

González García E. Papel del estrés oxidativo y del FGF21 en la progresión de la arteriosclerosis y el síndrome metabólico en pacientes en diálisis [dissertation]. Madrid: UAM; 2017(03/04/2017).

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## PUBLIC PROJECTS

**Selgas Gutiérrez R.** Red de Investigación Renal (RedinRED) (RD16/0009/0008). ISCIII. 2017-2021.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Vasculopatía hialinizante en diálisis peritoneal. Relación con la transición endotelio-mesenquimal y la disfunción del endotelio y del músculo liso vascular (PI15/00120). ISCIII. 2016-2018.

Management centre: FIBHULP

## PRIVATE PROJECTS

**Jiménez Martín C.** Grupos emergentes. Wyeth Farma S.A. 2009-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Actualización y renovación de la actividad investigadora en nefrología clínica hospitalaria. Abbvie Spain S.L.U. 2009-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Atención domiciliaria continuada para pacientes en diálisis domiciliaria y biología celular del macrófago peritoneal y su relación con la fibrosis peritoneal. Baxter S.L. 2009-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Cardiovascular disease and peritoneal membrane damage in peritoneal dialysis as concurrent consequences of a common mechanism dependent on the glucose effect in peritoneal adipocytes. extramural. Baxter S.L. 2008-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Determinación de la nefrotoxicidad in-



## Large System Pathologies Area

ducida por la ecografía con burbujas en un modelo animal como fase previa para su aplicación en trasplante renal. Novartis Farmacéutica S.A. 2008-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Evaluación e intervención en el bienestar emocional del personal y pacientes del Servicio de Nefrología: atención integral e interdisciplinaria. Wyeth Farma S.A. 2007-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Historia natural de la microcirculación del injerto renal mediante ecografía resaltada por contraste. Análisis en el paciente trasplantado, tratado con/sin anti-calcineurínicos. Varios. 2009-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** I Campus científico Síndrome Hemolítico Urémico Atípico(SHUA) en nefrología. Alexion Pharma Spain S.L. 2017-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** IV Jornadas científicas sobre novedades socio-sanitarias en el trasplante renal de donante vivo. Varios. 2016-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** La donación de vivo en el trasplante renal: representaciones y prácticas sociales en la toma de decisión. Un estudio socio-antropológico. Varios. 2013-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Las células mesoteliales del efluente crecidas ex vivo reflejan las alteraciones peritoneales encontradas en la biopsia peritoneal. Oportunidades adicionales para biomarcadores en el efluente. Fundación Senefro. 2016-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Monitorización del rechazo humorar del receptor de trasplante renal. Novartis Farmacéutica S.A. 2015-Ongoing.

Management centre: FIBHULP

**Selgas Gutiérrez R.** Quinto curso de formación científica de educadores en enfermedad renal crónica avanzada (ERCA). Vifor Fresenius Medical Care Renal Pharma España S.L. 2017-Ongoing.

Management centre: FIBHULP

## INTERNATIONAL PROJECTS

**Selgas Gutiérrez R.** Clinical validation of miniature wearable dialysis machine (WEAKID). UE. 2017-2019.

Management centre: FIBHULP

## CLINICAL TRIALS

**Bajo Rubio MA.** Estudio de la enfermedad de Fabry en pacientes en diálisis peritoneal. Type: NO-EPA.

HULP code: ANEXO-I PI-1920. Sponsored's protocol code: GSS-FBZ-2014-04.

Sponsored by: Sanofi Aventis S.A.

Signed date: 30/05/2017

**Bajo Rubio MA.** VEIFIE. Evaluación de la seguridad, efectividad y adherencia de velphoro en la vida real. Estudio no intervencionista para investigar la seguridad, la efectividad y la adherencia de velphoro a corto y a largo plazo en la vida real en pacientes con hiperfosfatemia sometidos a hemodiálisis o al adialisis peritoneal. Type: EPA-LA.

HULP code: PI-2593. Sponsored's protocol code: VFMCRP-MEAF-PA21-EU.

Sponsored by: Kantar Health.

Signed date: 17/02/2017

**Jiménez Martín C.** Estudio piloto de evaluación de una nueva prueba diagnóstica en sangre basada en el análisis del perfil de respuesta inmunitaria, para la identificación de biomarcadores asociados con la tolerancia o el rechazo crónico al trasplante de riñón. Type: NO-EPA.

HULP code: PI-2446. Sponsored's protocol code: PI-2446.

Sponsored by: Biohope Scientific Solutions For Human Health S.L.

Signed date: 09/02/2017

**López Oliva MO.** Suspensión de la profilaxis con valganciclovir en trasplantados renales CMV-seropositivo que mantienen la inmunidad celular CD8+ CMV-específica tras recibir timoglobulina. Type: Clinical Trial, phase III.

HULP code: 4892. Sponsored's protocol code: FCO-TIM-2015-01.

Sponsored by: Fundación para la Investigación Biomédica de Córdoba (FIBICO-IMIBIC).

Signed date: 19/06/2017

## PATENTS AND TRADEMARKS

**Selgas Gutiérrez R, Bellón Heredia T, Rodríguez Sanz Al, Álvarez Builla J, Vaquero López JJ, Sánchez Alonso P, Alajarín Fernández R,** inventors; FIBHULP, Universidad de Alcalá, assignees. Use of compounds derived from salts of pyridazine[1',6':1,2]pyrido[3,4-b]indolinium as anti-inflammatory agents. P201331143, PCT/ES2014/070603; 2013 July 25.

**Selgas Gutiérrez R, Bellón Heredia T, Rodríguez Sanz Al, Álvarez Builla J, Vaquero López JJ, Sánchez Alonso P, Alajarín Fernández R,** inventors; FIBHULP, Universidad de Alcalá, assignees. Use of compounds derived from salts of pyridazine[3,2-b]benzimidazolium as anti-inflammatory agents. P201430411, PCT/ES2014/070603; 2013 July 25.

**Aguilera Peralta AI, López-Cabrera M, Selgas Gutiérrez R, Steppan S, Passlickdeetjen J,** inventors; Fresenius Medical Care Deutschland GMBH, assignee. Pharmaceutical compositions containing steviosides. PCT/EP2015/074955, EP3212199, US2017304335, CN107073022; 2014 October 31.

**López-Cabrera M, Aguilera Peralta AI, Selgas Gutiérrez R, Passlickdeetjen J, Buechel J, Steppan S,** inventors; Fresenius Medical Care AG & Co. KGaA, assignee. Method and kit for diagnosing epithelial to mesenchymal transition of the peritoneum (EMT-Chip). WO2017042253, DE102015115158; 2015 September 09.

**Sánchez Niño MD, Ortiz Arduán A, FIBHULP, Instituto de Investigación Sanitaria Fundación Jiménez Díaz.** Pharmaceutical composition and its use in the manufacture of a medicament for treating chronic kidney disease and method for selecting compounds. P201430081, PCT/ES2015/070039; 2014 January 27.