



Vascular Pharmacology and Metabolism Group (FARMAVSM)

Publications: 3

Q1: 3

RESEARCH ACTIVITY

■ Doctoral theses

San Hipólito Luengo A. Nuevos mecanismos celulares implicados en la inflamación vascular mediada por la interleuquina 1b y la glucosa. Papel del inflammasoma NLRP3 y de las vesículas extracelulares[dissertation]. Madrid: UAM: 2021(16/04/2021).

Directors: Peiró Vallejo C,
Sánchez Ferrer CF.
International Mention 

■ Publications

• Olivares-Silva F, de Gregorio N, Espitia-Corredor J, Espinoza C, Vivar R, Silva D, Osorio JM, Lavandero S, Peiró C, Sánchez-Ferrer C, Díaz-Araya G. Resolvin-D1 attenuation of angiotensin II-induced cardiac inflammation in mice is associated with prevention of cardiac remodeling and hypertension. *BBA-Mol Basis Dis.* 2021; 1867(12):

166241. Article. IF: 6.633; Q1

- Salas-Hernández A, Ruz-Cortés F, Bruggendieck F, Espinoza-Pérez C, Espitia-Corredor J, Varela NM, Quiñones LA, Sánchez-Ferrer C, Peiró C, Díaz-Araya G. Resolvin D1 reduces expression and secretion of cytokines and monocyte adhesion triggered by Angiotensin II, in rat cardiac fibroblasts. *Biomed Pharmacother.* 2021; 141: 111947. Article. IF: 7.419; D1
- Salas-Hernández A, Espinoza-Pérez C, Vivar R, Espitia-Corredor J, Lillo J, Parra-Flores P, Sánchez-Ferrer CF, Peiró C, Díaz-Araya G. Resolvin D1 and E1 promote resolution of inflammation in rat cardiac fibroblast in vitro. *Mol Biol Rep.* 2021; 48(1): 66. Article. IF: 2.742; Q4

■ Research projects

de la Cuesta Marina F. Developing novel nanotherapies for atherosclerosis by delivering senolytics to the plaque using mesenchymal stem cell-derived extracellular vesicles (2019-T1/IND-13794). CM/ EU. 2020-2024.

Managment centre: UAM

Peiró Vallejo C, Sánchez Ferrer CF. Adipoquinas: nuevas dianas farmacológicas para prevenir el envejecimiento vascular (SAF2017-84776-R). MINECO. 2018-2021.

Managment centre: UAM

Sánchez Ferrer CF. Citómetro Separador Sorter. (EQC2018-005059-P). Ministerio de Ciencia, Innovación y Universidades. 2019-2020.

Managment centre: UAM

Peiró Vallejo C, Lorenzo González O. Viral S protein-ACE2 interactions: cell damage, protection and prognosis in the cardiovascular complications of COVID-19 (SPACE2-CV-COVID-CM). CM/ EU. 2020-2022.

Managment centre: UAM