



## 3.2.5 Vascular Pharmacology and Metabolism (FARMAVSM) Group

Publications: 7

Impact Factor: 85.<sup>206</sup>


Q1: 6



### Research Activity

#### Doctoral theses

**Romero Martínez A.** Mecanismos antisenescentes de la angiotensina [1-7] en el endotelio vascular[dissertation]. Madrid: UAM: 2020[15/07/20209].

**Directors:** Peiró Callejo C   
Sánchez Ferrer CF.

#### Publications

- Lumpuy-Castillo J, Lorenzo-Almoros A, Pello-Lázaro AM, Sánchez-Ferrer C, Egido J, Tuñón J, Peiró C, Lorenzo O. Cardiovascular Damage in COVID-19: Therapeutic Approaches Targeting the Renin-Angiotensin-Aldosterone System. *Int J Mol Sci.* 2020;21(18):-6471. Review. IF: 5,923; Q1
- McCracken IR, Taylor RS, Kok FO, de la Cuesta F, Dobie R, Henderson BEP, Mountford JC, Ca드릴ler A, Henderson NC, Ponting CP, Baker AH.

Transcriptional dynamics of pluripotent stem cell-derived endothelial cell differentiation revealed by single-cell RNA sequencing. *Eur Heart J.* 2020;41(9):1024-+. Article. IF: 29,983; D1

- Peiró C, Moncada S. Substituting Angiotensin-[1-7] to Prevent Lung Damage in SARS-CoV-2 Infection?. *Circulation.* 2020;141(21):1665-1666. Editorial Material. IF: 29,69; D1
- Rodríguez-Pardo J, Fuentes B, de Leciñana MA, Campollo J, Castaño PC, Ruiz JC, Herrero JE, Leal RG, Núñez AG, Cerezo JFG, Martínez AM, Vallejo JM, Aguado BP, López NR, de las Heras RS, Mora JV, Tejedor ED. Acute stroke care during the COVID-19 pandemic. *Ictus Madrid Program recommendations.* *Neurologia.* 2020;35(4):258-263. Review. IF: 3,109; Q3
- Romacho T, Valencia I, Ramos-González M, Vallejo S, López-Esteban M, Lorenzo O, Cannata P, Romero A, San Hipolito-Luengo A, Gómez-Cerezo JF, Peiró C, Sánchez-Ferrer CF. Visfatin/eNamp1 induces endothelial dysfunction in vivo: a role for Toll-Like Receptor 4 and NLRP3

inflammasome. *Sci Rep-Uk.* 2020;10(1):-5386. Article. IF: 4,379; Q1

- Sánchez-Rodríguez C, Peiró C, Rodríguez-Manas L, Nevado J. Polyphenols Attenuate Highly-Glycosylated Haemoglobin-Induced Damage in Human Peritoneal Mesothelial Cells. *Antioxidants.* 2020;9(7):-572. Article. IF: 6,312; D1
- Valencia I, Peiro C, Lorenzo O, Sánchez-Ferrer CF, Eckel J, Romacho T. DPP4 and ACE2 in Diabetes and COVID-19: Therapeutic Targets for Cardiovascular Complications?. *Front Pharmacol.* 2020;11():-1161. Review. IF: 5,81; Q1

#### 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. 2020-2024.

**Managment centre:** UAM

**Peiró Vallejo C, Sánchez Ferrer CF.** Adipocinas: nuevas dianas farmacológicas para prevenir el envejecimiento vascular 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