



3.2.4 Fisiología y farmacología vascular

Publicaciones: 18

Factor Impacto: 113.¹³³

Q1: 13



Actividad de Investigación

Publicaciones

- D Aller MA, Arias J, Blanco-Rivero J. Letter to the Editor: The Porto-Hepatic Spectrum of Cirrhotic Encephalopathy. *Hepatology*. 2020; 71(1): 394-5. Letter. IF: 17.425; D1
- Beck L, Su JJ, Comerma-Steffensen S, Pinilla E, Carlsson R, Hernanz R, Sheykhzade M, Danielson CC, Simonsen U. Endothelial dysfunction and passive changes in the aorta and coronary arteries of diabetic db/db Mice. *Front Physiol*. 2020; 11: 667. Article. IF: 4.566; Q1
- Blanco-Rivero J, Xavier FE. Therapeutic potential of phosphodiesterase inhibitors for endothelial dysfunction-related diseases. *Curr Pharm Design*. 2020; 26(30): 3633-51. Review. IF: 3.116; Q3
- Caracul L, Sastre E, Callejo M, Rodrigues-Díez R, García-Redondo AB, Prieto I, Nieto C, Salaices M, Aller MA, Arias J, Blanco-Rivero J. Hepatic encephalopathy-associated cerebral vasculopathy in acute-on-chronic liver failure: Alterations on endothelial factor release and influence on cerebrovascular Function. *Front Physiol*. 2020; 11: 593371. Article. IF: 4.566; Q1
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- de Yébenes VG, Briones AM, Martos-Folgado I, Mur SM, Oller J, Bilal F, González-Amor M, Méndez-Barbero N, Silla-Castro JC, Were F, Jiménez-Borreguero LJ, Sánchez-Cabo F, Bueno H, Salaices M, Redondo JM, Ramiro AR. Aging-associated miR-217 aggravates atherosclerosis and promotes cardiovascular dysfunction. *Arterioscl Throm Vas*. 2020; 40(10): 2408-24. Article. IF: 8.311; Q1
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- González-Amor M, Vila-Bedmar R, Rodrigues-Díez R, Moreno-Carriles R, Arcones AC, Cruces-Sande M, Salaices M, Mayor F, Briones AM, Murga C. Myeloid GRK2 regulates obesity-induced endothelial dysfunction by modulating inflammatory responses in perivascular adipose tissue. *Antioxidants*. 2020; 9(10): 953. Article. IF: 6.312; D1
- Isac-Torrente L, Fernández-Gómez B, Miguel M. Coffee capsules: implications in antioxidant activity, bioactive compounds, and aluminum content. *Eur Food Res Technol*. 2020; 246(11): 2335-47. Article. IF: 2.998; Q2
- Llevenes P, Rodrigues-Díez R, Cros-Brunso L, Prieto MI, Casani L, Balfagón G, Blanco-Rivero J. Beneficial effect of a multistrain synbiotic prodefen[([R])] plus on the systemic and vascular alterations associated with metabolic syndrome in rats: The role of the neuronal nitric oxide synthase and protein kinase A. *Nutrients*. 2020; 12(1): 117. Article. IF: 5.717; Q1
- López-Moreno M, López MTI, Miguel M, Garcés-Rimón M. Physical and psychological effects related to food habits and lifestyle changes derived from COVID-19 home confinement in the Spanish population. *Nutrients*. 2020; 12(11): 3445. Article. IF: 5.717; Q1
- Miguel M, Vassallo DV, Wiggers GA. Bioactive peptides and hydrolysates from egg proteins as a new tool for protection against cardiovascular problems. *Curr Pharm Design*. 2020; 26(30): 3676-83. Review. IF: 3.116; Q3
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- Pinheiro JEG, Moraes PZ, Rodríguez MD, Simoes MR, Cibin F, Pinton S, Barbosa F, Pecanha FM, Vassallo DV, Miguel M, Wiggers GA. Cadmium exposure activates NADPH oxidase, renin-angiotensin system and cyclooxygenase 2 pathways in arteries, inducing hypertension and vascular damage. *Toxicol Lett*. 2020; 333: 80-9. Article. IF: 4.372; Q2
- Piotrowicz IBB, Garcés-Rimón M, Moreno-Fernández S, Aleixandre A, Salas-Mellado M, Miguel-Castro M. Antioxidant, angiotensin-converting enzyme inhibitory properties and blood-pressure-lowering effect of rice bran protein hydrolysates. *Foods*. 2020; 9(6): 812. Article. IF: 4.35; Q2

Proyectos de investigación

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Rodríguez Díez R. Contrato Juan de la Cierva (IJCI-2017-31399). MINECO. 2019-2021.

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Salaices Sánchez M, Briones Alonso AM. Novel inflammatory mechanisms of vascular damage in hypertension and obesity. Role of pro-resolving lipid mediators as possible therapeutic strategy. [SAF2016-80305-P]. MINECO. 2017-2021.

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Cibers y Retics

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Patentes y marcas

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León Martínez R, Abril Comesaña S, Michalska P, Buendía Abaitua I, Salaices Sánchez M, Menéndez Ramos JC, García López M; inventors; Fundación para la Investigación Biomédica del Hospital Universitario de la Princesa, UAM, UCM, assignees. Compuestos derivados de 2-iodo-7-[[[2-(5-metoxi-1H-indol-3-il)etil]amino]metil]-1-alquil/aril-6,7,7a,8-tetrahidro-3H-pirrol[2,1-j]quinolina-3,9(5H)-diona como agentes antioxidantes, inductores de NRF2 y moduladores nicotínicos para el tratamiento de enfermedades neurodegenerativas. P201930190. 2019 March 01.

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Miguel Castro M, Garcés Rimón M, authors; Miguel Castro M, Garcés Rimón M, assignee. Brand name: leggie. ESM4044711; 2019 November 22.

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