

RESPUESTA INMUNE INNATA

A-Gonzalez, N; Quintana, JA; Garcia-Silva, S; Mazariegos, M; de la Aleja, AG; Nicolas-Avila, JA; Walter, W; Adrover, JM; Crainiciuc, G; Kuchroo, VK; Rothlin, CV; Peinado, H; Castrillo, A; Ricote, M; Hidalgo, A. Phagocytosis imprints heterogeneity in tissue-resident macrophages. *JOURNAL OF EXPERIMENTAL MEDICINE*. 2017; 214(5):1281-1296.Article. IF -11,991

Alvarez, E; Toledano, V; Morilla, F; Hernandez-Jimenez, E; Cubillos-Zapata, C; Varela-Serrano, A; Casas-Martin, J; Avendano-Ortiz, J; Aguirre, LA; Arnalich, F; Maroun-Eid, C; Martin-Quiros, A; Diaz, MQ; Lopez-Collazo, E. A System Dynamics Model to Predict the Human Monocyte Response to Endotoxins. *FRONTIERS IN IMMUNOLOGY*. 2017; 8:-915.Article. IF -6,429

Avendano-Ortiz, Jose; Maroun-Eid, Charbel; Martin-Quiros, Alejandro; Toledano, Victor; Cubillos-Zapata, Carolina; Gomez-Campelo, Paloma; Varela-Serrano, Anibal; Casas-Martin, Jose; Llanos-Gonzalez, Emilio; Alvarez, Enrique; Garcia-Rio, Francisco; Aguirre, Luis A; Hernandez-Jimenez, Enrique; Lopez-Collazo, Eduardo. PD-L1 Overexpression During Endotoxin Tolerance Impairs the Adaptive Immune Response in Septic Patients via HIF1alpha.. *Journal of infectious diseases*. 2017:-.Article. IF -6,273

Baldanta, S; Fernandez-Escobar, M; Acin-Perez, R; Albert, M; Camafeita, E; Jorge, I; Vazquez, J; Enriquez, JA; Guerra, S. ISG15 governs mitochondrial function in macrophages following vaccinia virus infection. *PLOS PATHOGENS*. 2017; 13(10):-e1006651.Article. IF -6,608

Brea, R; Motino, O; Frances, D; Garcia-Monzon, C; Vargas, J; Fernandez-Velasco, M; Bosca, L; Casado, M; Martin-Sanz, P; Agra, N. PGE2 induces apoptosis of hepatic stellate cells and attenuates liver fibrosis in mice by downregulating miR-23a-5p and miR-28a-5p.. *Biochimica et biophysica acta*. 2017; 1864(2):325-337-.Article. IF -9,452

Cubillos-Zapata, C; Avendano-Ortiz, J; Hernandez-Jimenez, E; Toledano, V; Casas-Martin, J; Varela-Serrano, A; Torres, M; Almendros, I; Casitas, R; Fernandez-Navarro, I; Garcia-Sanchez, A; Aguirre, LA; Farre, R; Lopez-Collazo, E; Garcia-Rio, F. Hypoxia-induced PD-L1/PD-1 crosstalk impairs T-cell function in sleep apnoea. *EUROPEAN RESPIRATORY JOURNAL*. 2017; 50(4):-1700833.Article. IF -10,569

Cubillos-Zapata, C; Cordoba, R; Avendano-Ortiz, J; Lopez-Collazo, E. Thalidomide analog CC-122 induces a refractory state in monocytes from patients with diffuse large B cell lymphoma. *LEUKEMIA & LYMPHOMA*. 2017; 58(8):1999-2001.Letter. IF -2,755

Cuevas, VD; Anta, L; Samaniego, R; Orta-Zavalza, E; de la Rosa, JV; Baujat, G; Dominguez-Soto, A; Sanchez-Mateos, P; Escribese, MM; Castrillo, A; Cormier-Daire, V; Vega, MA; Corbi, AL. MAFB Determines Human Macrophage Anti- Inflammatory Polarization: Relevance for the Pathogenic Mechanisms Operating in Multicentric Carpotarsal Osteolysis. *JOURNAL OF IMMUNOLOGY*. 2017; 198(5):2070-2081.Article. IF -4,856

Esteso, G; Guerra, S; Vales-Gomez, M; Reyburn, HT. Innate immune recognition of double-stranded RNA triggers increased expression of NKG2D ligands after virus infection. *JOURNAL OF BIOLOGICAL CHEMISTRY*. 2017; 292(50):20472-20480.Article. IF -4,125

Gomez-Hurtado, N; Dominguez-Rodriguez, A; Mateo, P; Fernandez-Velasco, M; Val-Blasco, A; Aizpun, R; Sabourin, J; Gomez, AM; Benitah, JP; Delgado, C. Beneficial effects of leptin treatment in a setting of cardiac dysfunction induced by transverse aortic constriction in mouse. *JOURNAL OF PHYSIOLOGY-LONDON*. 2017; 595(13):4227-4243.Article. IF -4,739

Gonzalez-Ramos, S; Paz-Garcia, M; Rosales-Mendoza, CE; Martin-Sanz, P; Bosca, L. GENETIC INACTIVATION OF THE INNATE IMMUNE RECEPTOR NOD1 PREVENTS VASCULAR INFLAMMATION LINKED TO ATHEROSCLEROSIS. *ATHEROSCLEROSIS*. 2017; 263():E16-E16.Meeting Abstract. IF -4,239

Hernandez-Jimenez, E; Cubillos-Zapata, C; Toledano, V; de Diego, RP; Fernandez-Navarro, I; Casitas, R; Carpio, C; Casas-Martin, J; Valentin, J; Varela-Serrano, A; Avendano-Ortiz, J; Alvarez, E; Aguirre, LA; Perez-Martinez, A; De Miguel, MP; Belda-Iniesta, C; Garcia-Rio, F; Lopez-Collazo, E. Monocytes inhibit NK activity via TGF-beta in patients with obstructive sleep apnoea. *EUROPEAN RESPIRATORY JOURNAL*. 2017; 49(6):-1602456.Article. IF -10,569

Hernandez-Jimenez, E; Gutierrez-Fernandez, M; Cubillos-Zapata, C; Otero-Ortega, L; Rodriguez-Frutos, B; Toledano, V; Martinez-Sanchez, P; Fuentes, B; Varela-Serrano, A; Avendano-Ortiz, J; Blazquez, A; Mangas-Guijarro, MA; Diez-Tejedor, E; Lopez-Collazo, E. Circulating Monocytes Exhibit an Endotoxin Tolerance Status after Acute Ischemic Stroke: Mitochondrial DNA as a Putative Explanation for Poststroke Infections. *JOURNAL OF IMMUNOLOGY*. 2017; 198(5):2038-2046.Article. IF -4,856

Hortelano, S; Bosca, L. 6-Mercaptopurine Decreases the Bcl-2/Bax Ratio and Induces Apoptosis in Activated Splenic B Lymphocytes (vol 51, pg 414, 1997). *MOLECULAR PHARMACOLOGY*. 2017; 92(4):500-500.Correction. IF -3,922

Lambertucci, F; Motino, O; Villar, S; Rigalli, JP; Alvarez, MD; Catania, VA; Martin-Sanz, P; Carnovale, CE; Quiroga, AD; Frances, DE; Ronco, MT. Benznidazole, the trypanocidal drug used for Chagas disease, induces hepatic NRF2 activation and attenuates the

inflammatory response in a murine model of sepsis. TOXICOLOGY AND APPLIED PHARMACOLOGY. 2017; 315:12-22.Article. IF -3,791

Martinez, VG; Rubio, C; Martinez-Fernandez, M; Segovia, C; Lopez-Calderon, F; Garin, MI; Teijeira, A; Munera-Maravilla, E; Varas, A; Sacedon, R; Guerrero, F; Villacampa, F; de la Rosa, F; Castellano, D; Lopez-Collazo, E; Paramio, JM; Vicente, A; Duenas, M. BMP4 Induces M2 Macrophage Polarization and Favors Tumor Progression in Bladder Cancer. CLINICAL CANCER RESEARCH. 2017; 23(23):7388-7399.Article. IF -9,619

Martin-Sanz, P; Casado, M; Bosca, L. Cyclooxygenase 2 in liver dysfunction and carcinogenesis: Facts and perspectives. WORLD JOURNAL OF GASTROENTEROLOGY. 2017; 23(20):3572-3580.Editorial Material. IF -3,365

Matalonga, J; Glaria, E; Bresque, M; Escande, C; Carbo, JM; Kiefer, K; Vicente, R; Leon, TE; Beceiro, S; Pascual-Garcia, M; Serret, J; Sanjurjo, L; Moron-Ros, S; Riera, A; Paytubi, S; Juarez, A; Sotillo, F; Lindbom, L; Caelles, C; Sarrias, MR; Sancho, J; Castrillo, A; Chini, EN; Valledor, AF. The Nuclear Receptor LXR Limits Bacterial Infection of Host Macrophages through a Mechanism that Impacts Cellular NAD Metabolism. CELL REPORTS. 2017; 18(5):1241-1255.Article. IF -8,282

Navarro-Lerida, I; Portoles, MT; Barrientos, AA; Gavilanes, F; Bosca, L; Rodriguez-Crespo, I. Expression of Concern: Induction of nitric oxide synthase-2 proceeds with the concomitant downregulation of the endogenous caveolin levels (vol 117, pg 1687, 2004). JOURNAL OF CELL SCIENCE. 2017; 130(19):3415-3415.Correction. IF -4,431

Paniagua-Herranz, L; Gil-Redondo, JC; Queipo, MJ; Gonzalez-Ramos, S; Bosca, L; Perez-Sen, R; Miras-Portugal, MT; Delicado, EG. Prostaglandin E-2 Impairs P2Y(2)/P2Y(4) Receptor Signaling in Cerebellar Astrocytes via EP3 Receptors. FRONTIERS IN PHARMACOLOGY. 2017; 8():-937.Article. IF -4,4

Peraza, DA; Mojena, M; de la Cruz, A; Gonzalez, T; Bosca, L; Galmarini, CM; Valenzuela, C. Trabectedin Re-Educes Resting Peritoneal Macrophages into M1 Subtype. BIOPHYSICAL JOURNAL. 2017; 112(3):405A-405A.Meeting Abstract. IF -3,656

Rada, P; Pardo, V; Mobasher, MA; Martinez, IG; Ruiz, L; Gonzalez-Rodriguez, A; Sanchez-Ramos, C; Muntane, J; Alemany, S; James, LP; Simpson, KJ; Monsalve, M; Valdecantos, MP; Valverde, AM. SIRT1 Controls Acetaminophen Hepatotoxicity by Modulating Inflammation and Oxidative Stress. ANTIOXIDANTS & REDOX SIGNALING. 2017; ():-.Article. IF -6,337

Rodriguez, M; Marquez, S; de la Rosa, JV; Alonso, S; Castrillo, A; Crespo, MS; Fernandez, N. Fungal pattern receptors down-regulate the inflammatory response by a cross-inhibitory mechanism independent of interleukin-10 production. IMMUNOLOGY. 2017; 150(2):184-198.Article. IF -3,701

Ruiz-Hurtado, G; Garcia-Prieto, CF; Pulido-Olmo, H; Velasco-Martin, JP; Villa-Valverde, P; Fernandez-Valle, ME; Bosca, L; Fernandez-Velasco, M; Regadera, J; Somoza, B; Fernandez-Alfonso, MS. Mild and Short-Term Caloric Restriction Prevents Obesity-Induced Cardiomyopathy in Young Zucker Rats without Changing in Metabolites and Fatty Acids Cardiac Profile. *FRONTIERS IN PHYSIOLOGY*. 2017; 8():-42.Article. IF -4,134

Sanchez, A; Relano, C; Carrasco, A; Contreras-Jurado, C; Martin-Duce, A; Aranda, A; Alemany, S. Map3k8 controls granulocyte colony-stimulating factor production and neutrophil precursor proliferation in lipopolysaccharide-induced emergency granulopoiesis. *SCIENTIFIC REPORTS*. 2017; 7():-5010.Article. IF -4,259

Sanz-Garcia, C; Sanchez, A; Contreras-Jurado, C; Cales, C; Barranquero, C; Munoz, M; Merino, R; Escudero, P; Sanz, MJ; Osada, J; Aranda, A; Alemany, S. Map3k8 Modulates Monocyte State and Atherogenesis in ApoE(-/-) Mice. *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*. 2017; 37(2):237-246.Article. IF -6,607

Stern, E; Guerra, S; Chinque, H; Serna, DG; Ponticos, M; Martin, J; Mayes, MD; Assassi, S; Fonseca, C; Denton, C. Defining Genetic Risk for Scleroderma Renal Crisis in RNA-Polymerase III Antibody Positive Patients. *ARTHRITIS & RHEUMATOLOGY*. 2017; 69():-.Meeting Abstract. IF -6,918

Tamayo, M; Manzanares, E; Bas, M; Martin-Nunes, L; Val-Blasco, A; Larriba, MJ; Fernandez-Velasco, M; Delgado, C. Calcitriol (1,25-dihydroxyvitamin D3) increases L-type calcium current via protein kinase A signaling and modulates calcium cycling and contractility in isolated mouse ventricular myocytes. *HEART RHYTHM*. 2017; 14(3):432-439.Article. IF -4,825

Val-Blasco, A; Piedras, MJGM; Ruiz-Hurtado, G; Suarez, N; Prieto, P; Gonzalez-Ramos, S; Gomez-Hurtado, N; Delgado, C; Pereira, L; Benito, G; Zaragoza, C; Domenech, N; Crespo-Leiro, MG; Vasquez-Echeverri, D; Nunez, G; Lopez-Collazo, E; Bosca, L; Fernandez-Velasco, M. Role of NOD1 in Heart Failure Progression via Regulation of Ca²⁺ Handling. *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*. 2017; 69(4):423-433.Article. IF -19,896

Val-Blasco, A; Prieto, P; Gonzalez-Ramos, S; Benito, G; Vallejo-Cremades, MT; Pacheco, I; Gonzalez-Peramato, P; Agra, N; Terron, V; Delgado, C; Martin-Sanz, P; Bosca, L; Fernandez-Velasco, M. NOD1 activation in cardiac fibroblasts induces myocardial fibrosis in a murine model of type 2 diabetes. *BIOCHEMICAL JOURNAL*. 2017; 474():399-410.Article. IF -3,797

Villarroya-Beltri, C; Guerra, S; Sanchez-Madrid, F. ISGylation - a key to lock the cell gates for preventing the spread of threats. *JOURNAL OF CELL SCIENCE*. 2017; 130(18):2961-2969.Review. IF -4,431

Zhang, L; Rajbhandari, P; Priest, C; Sandhu, J; Wu, XH; Temel, R; Castrillo, A; Vallim, TQD; Sallam, T; Tontonoz, P. Inhibition of cholesterol biosynthesis through RNF145-dependent ubiquitination of SCAP. ELIFE. 2017; 6():e28766.Article. IF -7,725

Nº Documentos	Tipo de documento	FI	Iº Cuartil	Iº Decil
24	Artículos	167,84	21	10
1	Cartas	2,755	0	0
2	Correciones	8,353	1	0
1	Editoriales	3,365	0	0
3	Meeting Abstract	14,813	3	1
1	Revisiones	4,431	0	0
FI Originales		167,84		
FI Total		201,557		