

Año 2012

Artículos.

- Acloque H., Lavial F., Pain B.(2012) Astacin-like metallo-endopeptidase is dynamically expressed in embryonic stem cells and embryonic epithelium during morphogenesis. *Dev. Dyn.* 241(3):574-582 [PubMed](#)
- Acloque H., Ocaña OH., Nieto MA.(2012) Mutual exclusion of transcription factors and cell behaviour in the definition of vertebrate embryonic territories. *Curr. Opin. Genet. Dev* 22:308-314 [PubMed](#)
- Aracil-Fernandez A., Trigo JM., Garcia-Gutierrez MS., Ortega-Alvaro A., Ternianov A., Navarro D., Robledo P., Berbel P., Maldonado R., Manzanares J.(2012) Decreased Cocaine Motor Sensitization and Self-Administration in Mice Overexpressing Cannabinoid CB(2) Receptors. *Neuropsychopharmacology* 37(7):1749-1763 [PubMed](#)
- Arribas MI., Jones J., Martinez S., Roche E.(2012) Adipose cell-derived stem cells: Neurogenic and immunomodulatory potentials. *Adv. Neuroimmune Biol.* 3(1):19-30
- Avci HX., Lebrun C., Wehrle R., Doulazmi M., Chatonnet F., Morel MP., Enam M., Vodjdani G., Sotelo C., Flamant F., Dusart I.(2012) Thyroid hormone triggers the developmental loss of axonal regenerative capacity via thyroid hormone receptor alpha1 and kruppel-like factor 9 in Purkinje cells *Proc. Natl. Acad. Sci. U. S. A.* 109(35):14206-14211 [PubMed](#)
- Ballesta JJ., Cremades J., Rodriguez-Munoz M., Garzon J., Faura CC.(2012) Sensitivity to mu-opioid receptor-mediated anti-nociception is determined by cross-regulation between mu- and delta-opioid receptors at supraspinal level. *Br. J. Pharmacol* 166(1):309-326 [PubMed](#)
- Ballesta JJ., Del Pozo C., Castello-Banyuls J., Faura CC.(2012) Selective down-regulation of alpha4 beta 2 neuronal nicotinic acetylcholine receptors in the brain of uremic rats with cognitive impairment. *Exp. Neurol.* 236(1):28-33 [PubMed](#)
- Blanquer M., Moraleda JM., Iniesta F., Gomez-Espuch J., Meca-Lallana J., Vilaverde R., Perez-Espejo MA., Ruiz-Lopez FJ., Santos JMG., Bleda P., Izura V., Saez M., De Mingo P., Vivancos L., Carles R., Jimenez J., Hernandez J., Guardiola J., Del Rio ST., Antunez C., De la Rosa P., Majado MJ., Sanchez-Salinas A., Lopez J., Martinez-Lage JF., Martinez S.(2012) Neurotrophic Bone Marrow Cellular Nests Prevent Spinal Motoneuron Degeneration in Amyotrophic Lateral Sclerosis Patients: A Pilot Safety Study. *Stem Cells* 30(6):1277-1285 [PubMed](#)
- Borrell V., Cardenas A., Ciceri G., Galceran J., Flames N., Pla R., Nobrega-Pereira S., Garcia-Frigola C., Peregrin S., Zhao Z., Ma L., Tessier-Lavigne M., Marin O.(2012) Slit/Robo Signaling Modulates the Proliferation of Central Nervous System Progenitors. *Neuron* 76(2):338-352 [PubMed](#)
- Borrell V., Reillo I.(2012) Emerging roles of neural stem cells in cerebral cortex development and evolution. *Dev. Neurobiol.* 72(7):955-971 [PubMed](#)
- Bouslama-Oueghlani L., Wehrle R., Doulazmi M., Chen XR., Jaudon F., Lemaigne-Dubreuil Y., Rivals I., Sotelo C., Dusart I.(2012) Purkinje Cell Maturation Participates in the Control of Oligodendrocyte Differentiation: Role of Sonic Hedgehog and Vitronectin. *PLoS ONE* 7(11):49015-49015 [PubMed](#)
- Carmena A.(2012) A big new job for small GTPases *Small GTPases* 3(3):159-162 [PubMed](#)
- Chacon M., Navarro A., Cueste G., Del Pino I., Scott R., Morales M., Rico B.(2012) Focal adhesion kinase regulates actin nucleation and neuronal filopodia formation during axonal growth *Development* 139(17):3200-3210 [PubMed](#)

Año 2012

- Crespo-Enriquez I., Partanen J., Martinez S., Echevarria D.(2012) Fgf8-Related Secondary Organizers Exert Different Polarizing Planar Instructions along the Mouse Anterior Neural Tube. PLoS ONE 7(7):e39977 [PubMed](#)
- Criado M., Valor LM., Mulet J., Gerber S., Sala S., Sala F.(2012) Expression and functional properties of a7 acetylcholine nicotinic receptors are modified in the presence of other receptor subunits. J. Neurochem. 123(4):504-514 [PubMed](#)
- Dehorter N., Lozovaya N., Julius Mdzomba B., Michel FJ., Lopez C., Tsintsadze V., Tsintsadze T., Klinkenberg M., Gispert S., Auburger G., Hammond D.(2012) Subthalamic lesion or levodopa treatment rescues giant GABAergic currents of PINK1-deficient striatum. J. Neurosci. 32(50):18047-18053 [PubMed](#)
- Dehorter N., Vinay L., Hammond C., Ben-Ari Y.(2012) Timing of developmental sequences in different brain structures: Physiological and pathological implications. Eur. J. Neurosci. 35(12):1846-1856 [PubMed](#)
- Del Campo M., Mollenhauer B., Bertolotto A., Engelborghs S., Hampel H., Simonsen AH., Kapaki E., Kruse N., Le Bastard N., Lehmann S., Molinuevo JL., Parnetti L., Perret-Liaudet A., Saez-Valero J., Saka E., Urbani A., Vanmechelen E., Verbeek M., Visser PJ., Teunissen C.(2012) Recommendations to standardize preanalytical confounding factors in Alzheimers and Parkinsons disease cerebrospinal fluid biomarkers: An update. Biomark. Med. 6(4):419-430 [PubMed](#)
- Delgado-Morales R., del Rio E., Gomez-Roman A., Bisagno V., Nadal R., de Felipe C., Armario A.(2012) Adrenocortical and behavioural response to chronic restraint stress in neurokinin-1 receptor knockout mice. Physiol. Behav. 105(3):669-675 [PubMed](#)
- Donier E., Gomez-Sanchez JA., Grijota-Martinez C., Lakoma J., Baars S., Garcia-Alonso L., Cabedo H.(2012) L1CAM binds ErbB receptors through Ig-like domains coupling cell adhesion and neuregulin signalling. PLoS ONE 7(7):e40674 [PubMed](#)
- Echevarria D., Garcia-Lopez R., Pombero A., Martinez-Ferre A., Martinez S.(2012) Transcriptome resources for the complexity of developing mouse brain: from Eurexpress to Eucommtools through Allen Brain Atlas. FEBS J. 279(1):537-537
- Enriquez-Barreto L., Palazzetti C., Brenneman L., Maness PF., Fairen A.(2012) Neural cell adhesion molecule, NCAM, regulates thalamocortical axon pathfinding and the organization of the cortical somatosensory representation in mouse. Front Mol Neurosci 5:76-76 [PubMed](#)
- Escamez T., Bahamonde O., Tabares-Seisdedos R., Vieta E., Martinez S., Echevarria D.(2012) Developmental dynamics of PAFAH1B subunits during mouse brain development. J. Comp. Neurol. 520(17):3877-3894 [PubMed](#)
- Femenia T., Manzanares J.(2012) Increased ethanol intake in prodynorphin knockout mice is associated to changes in opioid receptor function and dopamine transmission. Addict. Biol. 17(2):322-337 [PubMed](#)
- Fernandez-Lopez B., Villar-Cerviño V., Valle-Maroto SM., Barreriro-Iglesias A., Anadorn R., Rodicio MC.(2012) The Glutamatergic Neurons in the Spinal Cord of the Sea Lamprey: An In Situ Hybridization and Immunohistochemical Study. PLoS ONE 7(10):47898-47898 [PubMed](#)
- Ferrari DC., Mdzomba BJ., Dehorter N., Lopez C., Michel FJ., Libersat F., Hammond C.(2012) Midbrain dopaminergic neurons generate calcium and sodium currents and release dopamine in the striatum of pups. Front. Cell. Neurosci. 7:1-9 [PubMed](#)
- Gallego X., Molas S., Amador-Arjona A., Marks MJ., Robles N., Murtra P., Armengol K., Fernandez-Montes RD., Gratacos M., Pumarola M., Cabrera R., Maldonado R., Sabria J., Estivill X., Dierssen M.(2012) Overexpression of the CHRNA5/A3/B4 genomic cluster in mice increases the sensitivity to nicotine and modifies its reinforcing effects. Amino Acids 43(2):897-909 [PubMed](#)

Año 2012

- Garcia-Ayllon MS., Millan C., Serra-Basante C., Bataller R., Saez-Valero J.(2012) Readthrough Acetylcholinesterase Is Increased in Human Liver Cirrhosis. PLoS ONE 7(9):e44598 [PubMed](#)
- Garcia-Gutierrez MS., Garcia-Bueno B., Zoppi S., Leza JC., Manzanares J.(2012) Chronic blockade of cannabinoid CB2 receptors induces anxiolytic-like actions associated with alterations in GABA(A) receptors. Br. J. Pharmacol 165(4):951-964 [PubMed](#)
- Garelli A., Gontijo AM., Miguela V., Caparros E., Dominguez M.(2012) Imaginal Discs Secrete Insulin-Like Peptide 8 to Mediate Plasticity of Growth and Maturation Science 336(6081):579-582 [PubMed](#)
- Geijo-Barrientos E., Gonzalez O., Pastore-Olmedo C.(2012) Presence of repeater F-waves in the early stage of Guillain-Barre syndrome. J. Peripher. Nerv. Syst. 17(1):128-131 [PubMed](#)
- Gomez-Milanes I., Almela P., Garcia-Carmona JA., Garcia-Gutierrez MS., Aracil-Fernandez A., Manzanares J., Maquilon MVM., Laorden ML.(2012) Accumbal dopamine, noradrenaline and serotonin activity after naloxone-conditioned place aversion in morphine-dependent mice. Neurochem. Int. 61(3):433-440 [PubMed](#)
- Griffith M., Polisetti N., Kuffova L., Gallar J., Forrester J., Vemuganti G., Fuchsluger TA.(2012) Regenerative Approaches as Alternatives to Donor Allografting for Restoration of Corneal Function. Ocul. Surf. 10(3):170-183 [PubMed](#)
- Gruart A., Benito E., Delgado-Garcia JM., Barco A.(2012) Enhanced cAMP Response Element-Binding Protein Activity Increases Neuronal Excitability, Hippocampal Long-Term Potentiation, and Classical Eyeblink Conditioning in Alert Behaving Mice. J. Neurosci. 32(48):17431-17441 [PubMed](#)
- Gutierrez LM.(2012) New insights into the role of the cortical cytoskeleton in exocytosis from neuroendocrine cells. Int. Rev. Cell Mol. Biol 295:109-137 [PubMed](#)
- Jabaudon D., Lopez-Bendito G.(2012) Development and plasticity of thalamocortical systems. Eur. J. Neurosci. 35(10):1522-1523 [PubMed](#)
- Jones J., Estirado A., Redondo C., Bueno C., Martinez S.(2012) Human adipose stem cell-conditioned medium increases survival of Friedreich's ataxia cells submitted to oxidative stress. Stem Cells Dev. 21(15):2817-2826 [PubMed](#)
- Kelava I., Reillo I., Murayama AY., Kalinka AT., Stenzel D., Tomancak P., Matsuzaki F., Lebrand C., Sasaki E., Schwamborn JC., Okano H., Huttner WB., Borrell V.(2012) Abundant Occurrence of Basal Radial Glia in the Subventricular Zone of Embryonic Neocortex of a Lissencephalic Primate, the Common Marmoset Callithrix jacchus. Cereb. Cortex 22(2):469-481 [PubMed](#)
- Kuhn G., Martinez LM.(2012) Misdirection - past, present, and the future. Front. Hum. Neurosci. 5:172 [PubMed](#)
- Llorens-Martin M., Teixeira CM., Fuster-Matanzo A., Jurado-Arjona J., Borrell V., Soriano E., Avila J., Hernandez F.(2012) Tau Isoform with Three Microtubule Binding Domains is a Marker of New Axons Generated from the Subgranular Zone in the Hippocampal Dentate Gyrus: Implications for Alzheimer's Disease . Journal Alzheimer Disease. 29(4):921-930 [PubMed](#)
- Lopez-Atalaya JP., Gervasini C., Mottadelli F., Spena S., Piccione M., Scarano G., Selicorni A., Barco A., Larizza L.(2012) Histone acetylation deficits in lymphoblastoid cell lines from patients with Rubinstein-Taybi syndrome. J. Med. Genet. 49(1):66-74 [PubMed](#)

Año 2012

- Lopez-Bendito G., Arlotta P.(2012) Cell replacement therapies for nervous system regeneration. *Dev. Neurobiol.* 72(2):145-152 
- Mainez J., Bertran E., Fabra A., Nieto MA., Fabregat I.(2012) TGF-beta and epithelial-mesenchymal transition (EMT): a step forward to apoptosis-resistance and stemness phenotype. *FEBS J.* 279:60-60
- Marcos-Mondejar P., Peregrin S., Li JY., Carlsson L., Tole S., Lopez-Bendito G.(2012) The lhx2 transcription factor controls thalamocortical axonal guidance by specific regulation of robo1 and robo2 receptors. *J. Neurosci.* 32(13):4372-4385 
- Marin O.(2012) Brain development: The neuron family tree remodelled. *Nature* 490(7419):185-186 
- Marin O.(2012) Interneuron dysfunction in psychiatric disorders. *Nat. Rev. Neurosci.* 13(2):107-120 
- Martinez-Ferre A., Martinez S.(2012) Molecular regionalization of the diencephalon. *Front. Neuroscience* 6:73-73 
- Martin-Ibanez R., Crespo E., Esgleas M., Urban N., Wang B., Waclaw R., Georgopoulos K., Martinez S., Campbell K., Vicario-Abejon C., Alberch J., Chan S., Kastner P., Rubenstein JL., Canals JM.(2012) Helios Transcription Factor Expression Depends on Gsx2 and Dlx1&2 Function in Developing Striatal Matrix Neurons. *Stem Cells Dev.* 21(12):2239-2251 
- Mey A., Acloque H., Lerat E., Gounel S., Tribollet V., Blanc S., Curton D., Birot AM., Nieto MA., Samarut J.(2012) The endogenous retrovirus ENS-1 provides active binding sites for transcription factors in embryonic stem cells that specify extra embryonic tissue. *Retrovirology* 9:21-21 
- Mire E., Mezzera C., Leyva-Diaz E., V Paternain A., Squarzoni P., Bluy L., Castillo-Paterna M., Lopez MJ., Peregrin S., Tessier-Lavigne M., Gare S., Galceran J., Lerma J., Lopez-Bendito G.(2012) Spontaneous activity regulates Robo1 transcription to mediate a switch in thalamocortical axon growth. *Nat. Neurosci.* 15(8):1134-1143 
- Molnar Z., Garel S., Lopez-Bendito G., Maness P., Price DJ.(2012) Mechanisms controlling the guidance of thalamocortical axons through the embryonic forebrain. *Eur. J. Neurosci.* 35(10):1573-1585 
- Moreno-Bravo JA., Martinez-Lopez JE., Puelles E.(2012) Mesencephalic neuronal populations. New insights on the ventral differentiation programs. *Histol. Histopath.* 27(12):1529-1538 
- Navarrete F., Perez-Ortiz JM., Manzanares J.(2012) Cannabinoid CB2 receptor-mediated regulation of impulsive-like behaviour in DBA/2 mice. *Br. J. Pharmacol* 165(1):260-273 
- Navarrete F., Perez-Ortiz JM., Manzanares J.(2012) Pregabalin and topiramate mediated regulation of cognitive and motor impulsivity in DBA/2 mice. *Br. J. Pharmacol* 167(1):183-195 
- Nieto MA.(2012) An interview with Angela Nieto. Interviewed by Eva Amsen. *Development* 139(7):1227-1228

Año 2012

- Nieto MA.(2012) The reactivation of the epithelial-mesenchymal transition in organ degeneration. *FEBS J.* 279(1):23-23
- Nieto MA., Cano A.(2012) The epithelial-mesenchymal transition under control: Global programs to regulate epithelial plasticity *Semin. Cancer Biol.* 22:361-368 
- Ntziachristos P., Tsirigos A., Vlierberghe PV., Nedjic J., Trimarchi T., Flaherty MS., Ferres-Marcó D., da Ros V., Tang Z., Siegle T....., Dominguez M.,Ferrando A., Aifantis I.(2012) Genetic inactivation of the polycomb repressive complex 2 in T cell acute lymphoblastic leukemia. *Nat. Med.* 18(2):296-301 
- Ocaña OH., Corcoles R., Fabra A., Moreno-Bueno G., Acloque H., Vega S., Barrallo-Gimeno A., Cano A., Nieto MA.(2012) Metastatic Colonization Requires the Repression of the Epithelial-Mesenchymal Transition Inducer Prrx1. *Cancer Cell* doi10.1016/j.ccr.2012-10.012 
- Orio P., Parra A., Madrid R., Gonzalez O., Belmonte C., Viana F.(2012) Role of Ih in the firing pattern of mammalian cold thermoreceptor endings. *J. Neurophysiol.* 108(11):3009-3023 
- Ortega MC., Bribian A., Peregrin S., Gil MT., Marin O., de Castro F.(2012) Neuregulin-1/ErbB4 signaling controls the migration of oligodendrocyte precursor cells during development. *Exp. Neurol.* 235(2):610-620 
- Pastor D., Viso-Leon MC., Jones J., Jaramillo-Merchan J., Toledo-Aral JJ., Moraleda JM., Martinez S.(2012) Comparative Effects between Bone Marrow and Mesenchymal Stem Cell Transplantation in GDNF Expression and Motor Function Recovery in a Motoneuron Degenerative Mouse Model. *Stem Cell Rev Rep.* 8(2):445-458 
- Pertusa M., Madrid R., Morenilla-Palao C., Belmonte C., Viana F.(2012) N-Glycosylation of TRPM8 Ion Channels Modulates Temperature Sensitivity of Cold Thermoreceptor Neurons. *J. Biol. Chem.* 287(22):18218-18229 
- Petric S., Classen L., Van Webel C., Geduldig N., Ding Z., Schullenberg M., Mersmann J., Zacharowski K., Aller MI., Schmidt KG., Donner BC.(2012) In vivo electrophysiological characterization of TASK-1 deficient mice *Cell. Physiol. Biochem.* 30(3):523-537 
- Ramirez M., Almaraz L., Gonzalez C., Rocher A.(2012) Cyclic AMP and Epac contribute to the genesis of the positive interaction between hypoxia and hypercapnia in the carotid body. *Adv.Exp.Med.Biol.* 758:215-223 
- Reillo I., Borrell V.(2012) Germinal Zones in the Developing Cerebral Cortex of Ferret: Ontogeny, Cell Cycle Kinetics, and Diversity of Progenitors. *Cereb. Cortex* 22(9):2039-2054 
- Rico B.(2012) Finding a druggable target for schizophrenia. *Proc. Natl. Acad. Sci. U. S. A.* 109(30):11902-11903 
- Rodriguez-Lozano FJ., Insausti CL., Iniesta F., Blanquer M., Ramirez MC., Meseguer L., Meseguer-Henarejos AB., Marin N., Martinez S., Moraleda JM.(2012) Mesenchymal dental stem cells in regenerative dentistry. *Med. Oral Patol. Oral Cir. Bucal* 17(6):e1062-e1067 
- Romero-Zerbo SY., Garcia-Gutierrez MS., Suarez J., Rivera P., Ruz-Maldonado I., Vida M., de Fonseca FR., Manzanares J., Bermudez-Silva FJ.(2012) Overexpression of cannabinoid CB₂ receptor in the brain induces hyperglycaemia and a lean phenotype in adult mice. *J. Neuroendocrinol.* 24(8):1106-1119 

Año 2012

- Scott RS.(2012) NextGen speaks Science 335(6077):34-34
- Silveyra MX., Garcia-Ayllon MS., de Barreda EG., Small DH., Martinez S., Avila J., Saez-Valero J.(2012) Altered expression of brain acetylcholinesterase in FTDP-17 human tau transgenic mice. Neurobiol. Aging 33(3):624.e23-34 
- Silveyra MX., Garcia-Ayllon MS., Serra-Basante C., Mazzoni V., Garcia-Gutierrez MS., Manzanares J., Culvenor JG., Saez-Valero J.(2012) Changes in acetylcholinesterase expression are associated with altered presenilin-1 levels. Neurobiol. Aging 33(3):627.e27 
- Slovakova J., Speicher S., Sanchez-Soriano N., Prokop A., Carmena A.(2012) The Actin-Binding Protein Canoe/AF-6 Forms a Complex with Robo and Is Required for Slit-Robo Signaling during Axon Pathfinding at the CNS Midline J. Neurosci. 32(39):10035-10044 
- Soppa U., Tejedor FJ., Becker W.(2012) Phosphorylation of the neurodegeneration-related Septin 4 by protein kinase DYRK1A at serine 107 affects protein stability. Naunyn-Schmiedebergs Arch. Pharmacol. 385(1):92-92
- Teixeira CM.,Kron MM., Masachs N.,Zhang HL., Lagace DC.,Martinez A., Reillo I., Duan X.,Bosch C.,Pujadas L., Bruno L.,Song HJ.,Eisch AJ., Borrell V., Howell BW., Parent JM., Soriano E.(2012) Cell-Autonomous Inactivation of the Reelin Pathway Impairs Adult Neurogenesis in the Hippocampus. J. Neurosci. 32(35):12051-12065 
- Ternianov A., Perez-Ortiz JM., Solesio ME., Garcia-Gutierrez MS., Ortega-Alvaro A., Navarrete F., Leiva C., Galindo MF., Manzanares J.(2012) Overexpression of CB2 cannabinoid receptors results in neuroprotection against behavioral and neurochemical alterations induced by intracaudate administration of 6-hydroxydopamine. Neurobiol. Aging 33(2):421.e1-16 
- Troca-Marin JA., Alves-Sampaio A., Montesinos ML.(2012) Deregulated mTOR-mediated translation in intellectual disability. Prog. Neurobiol. 96(2):268-282 
- Valente P., Fernandez-Carvajal A.,Devesa I., Fernandez-Ballester G., Planells-Cases R., Gomis A., Viana F., Fernandez-Ros JM., Belmonte C., Van den Nest W., Carreno C., Ferrer A.(2012) TRPducins: a novel paradigm to modulate ion channel signalling. FEBS J. 279(1):8-8
- Valero MLI., Mello de Queiroz F., Stuhmer W., Viana F., Pardo LA.(2012) TRPM8 Ion Channels Differentially Modulate Proliferation and Cell Cycle Distribution of Normal and Cancer Prostate Cells. PLoS ONE 7(12):51825-51825 
- Valor LM., Barco A.(2012) Hippocampal gene profiling: Toward a systems biology of the hippocampus. Hippocampus 22(5):929-941 
- Villanueva J., Torregrosa-Hetland CJ., Garcia-Martinez V., Frances MD., Viniegra S., Gutierrez LM.(2012) The F-Actin Cortex in Chromaffin Granule Dynamics and Fusion: a Minireview. J. Mol. Neurosci. 48(2):323-327 
- Villanueva J., Torres V., Torregrosa-Hetland CJ., Garcia-Martinez V., Lopez-Font I., Viniegra S., Gutierrez LM.(2012) F-Actin-Myosin II Inhibitors Affect Chromaffin Granule Plasma Membrane Distance and Fusion Kinetics by Retraction of the Cytoskeletal Cortex. J. Mol. Neurosci. 48(2):328-338 
- Villar-Cerviño V., Marin O.(2012) Cajal-Retzius cells. Curr. Biol. 22(6):R179-R179 

Año 2012

- Vinod KY., Maccioni P., Garcia-Gutierrez MS., Femenia T., Xie S., Carai MA., Manzanares J., Cooper TB., Hungund BL., Colombo G.(2012) Innate difference in the endocannabinoid signaling and its modulation by alcohol consumption in alcohol-preferring sP rats. *Addict. Biol.* 17(1):62-75 [PubMed](#)
- Yamamoto N., Lopez-Bendito G.(2012) Shaping brain connections through spontaneous neural activity. *Eur. J. Neurosci.* 35(10):1595-1604 [PubMed](#)
- Zarruk JG., Fernandez-Lopez D., Garcia-Yebenes I., Garcia-Gutierrez MS., Vivancos J., Nombela F., Torres M., Burquete MC., Manzanares J., Lizasoain I., Moro MA.(2012) Cannabinoid type 2 receptor activation downregulates stroke-induced classic and alternative brain macrophage/microglial activation concomitant to neuroprotection. *Stroke* 43(1):211-219 [PubMed](#)
- Zhang K., Rodriguez-Aznar E., Yabuta N., Owen RJ., Mingot JM., Nojima H., Nieto MA., Longmore GD.(2012) Lats2 kinase potentiates Snail1 activity by promoting nuclear retention upon phosphorylation. *Embo J.* 31(1):29-43 [PubMed](#)
- Zhang X., Mak S., Li L., Parra A., Denlinger B., Belmonte C., McNaughton PA.(2012) Direct inhibition of the cold-activated TRPM8 ion channel by G-alpha(q). *Nat. Cell Biol.* 14(8):850-U168 [PubMed](#)
- Zoppi S., Madrigal JL., Perez-Nievas BG., Marin-Jimenez I., Caso JR., Alou L., Garcia-Bueno B., Colon A., Manzanares J., Gomez Lus ML., Menchen L., Leza JC.(2012) Endogenous cannabinoid system regulates intestinal barrier function in vivo through cannabinoid type 1 receptor activation. *Am. J. Physiol.-Gastroint. Liver Physiol.* 302(5):G565-G571 [PubMed](#)

89

Libros.

- Belmonte C.(2012) The Neurobiological Basis of Ocular Surface Sensation in Normal and Pathological Conditions. In " A Vision for Horizon 2020 - A European Strategic Roadmap for Vision Research and Ophthalmology. ", Ed.: Thomas H. Wheeler-Schilling, Jan Kremers, Eberhart Zrenner (Eds.)
- Belmonte C., Tervo T.(2012) Pain in and around the eye. In " Wall & Melzack's Textbook of Pain, 6th Edition. ", Ed.: Stephen McMahon, FMedSci, Martin Koltzenburg, MD FRCR, Irene Tracey, DPhil and Dennis C. Turk, PhD E .
- Ramirez M., Almaraz L., Gonzalez C., Rocher A.(2012) Cyclic AMP and Epac contribute to the genesis of the positive interaction between hypoxia and hypercapnia in the carotid body. In " Arterial Chemoreception: From molecules to Systems. Series: Advances in Experimental Medicine and Biology, Vol. 758. ", Ed.: Springer. Nurse C.A., Gonzalez, C., Peers,C and Prabhakar,N (Eds). .Cap 30