

Autores	Revista	volumen-paginas		Título
A Escalante; R González Martínez; E Herrera	Faculty Reviews	9:1-9	2020	New techniques for studying neurodevelopment
Ádám, Á.; Kemecei, R.; Company, V.; Murcia-Ramón, R.; Juárez, I.; Gerecsei, L.I.; Zachar, G.; Echevarría, D.; Puelles, E.; Martínez, S.; Csillag, A.	Frontiers in neuroanatomy	14:29	2020	Gestational Exposure to Sodium Valproate Disrupts Fasciculation of the Mesotelencephalic Dopaminergic Tract, With a Selective Reduction of Dopaminergic Output From the Ventral Tegmental Area
Agüero, P.; Sainz, M.J.; García-Ayllón, M.S.; Sáez-Valero, J.; Téllez, R.; Guerrero-López, R.; Pérez-Pérez, J.; Jiménez-Escrig, A.; Gómez-Tortosa, E.	Alzheimer s Research and Therapy	12(1):139	2020	α-Secretase nonsense mutation (ADAM10 Tyr167*) in familial Alzheimer’s disease
Amin, S.; Borrell, V.	Front Cell Dev Biol	8:604448	2020	The Extracellular Matrix in the Evolution of Cortical Development and Folding
Ana Bribián; Eva M. Medina-Rodríguez; Fernando Josa-Prado; Isabel García-Álvarez; Isabel Machín-Díaz; Pedro F. Esteban; Verónica Murcia-Belmonte; Lorena Vega-Zelaya; Jesús Pastor; Leoncio Garrido; Fernando de Castro	Journal of Clinical Medicine	9(6):1681	2020	Functional Heterogeneity of Mouse and Human Brain OPCs: Relevance for Preclinical Studies in Multiple Sclerosis
Ana M Peiró; María S García-Gutiérrez; Beatriz Planelles; Teresa Femenía; Carlos Mingote; Luis Jiménez-Treviño; Sara Martínez-Barrondo; M Paz García-Portilla; Pilar A Saiz; Julio Bobes; Jorge Manzanares	Anxiety, Stress and Coping	33:256-265	2020	Association of cannabinoid receptor genes (CNR1 and CNR2) polymorphisms and panic disorder.
Arcas A; Wilkinson David G; Nieto MA	Molecular Biology and Evolution	37:379-394	2020	The Evolutionary History of Ephs and Ephrins: Toward Multicellular Organisms
Bestue, D.; Martínez, L.M.; Gomez-Marin, A.; Gea, M.A.; Camí, J.	Heliyon	6(10):e05260	2020	Long-term memory of real-world episodes is independent of recency effects: magic tricks as ecological tasks
Blanco-Cantó, M.E.; Patel, N.; Velasco-Aviles, S.; Casillas-Bajo, A.; Salas-Felipe, J.; García-Escrivá, A.; Díaz-Marín, C.; Cabedo, H.	Neurology: Genetics	6(2):e407	2020	Novel EGR2 variant that associates with Charcot-Marie-Tooth disease when combined with lipopolysaccharide-induced TNF-factor T49M polymorphism
Boix, C.P.; Lopez-Font, I.; Cuchillo-Ibañez, I.; Sáez-Valero, J.	Alzheimer s Research and Therapy	12	2020	Amyloid precursor protein glycosylation is altered in the brain of patients with Alzheimer's disease
Botvinnik-Nezer, R.; Holzmeister, F.; Camerer, C.F.; Dreber, A.; Huber, J.; Johannesson, M.; Kirchner, M.; Iwanir, R.; Mumford, J.A.; Adcock, R.A.; Avesani, P.; Baczkowski, B.M.; Bajracharya, A.; Bakst, L.; Ball, S.; Barilari, M.; Bault, N.; Beaton, D.; Beitner, J.; Benoit, R.G.; Berkers, R.M.W.J.; Bhanji, J.P.; Biswal, B.B.; Bobadilla-Suarez, S.; Bortolini, T.; Bottenhorn, K.L.; Bowring, A.; Braem, S.; Brooks, H.R.; Brudner, E.G.; Calderon, C.B.; Camilleri, J.A.; Castellon, J.J.; Cecchetti, L.; Cieslik, E.C.; Cole, Z.J.; Collignon, O.; Cox, R.W.; Cunningham, W.A.; Czoschke, S.; Dadi, K.; Davis, C.P.; Luca, A.D.; Delgado, M.R.; Demetriou, L.; Dennison, J.B.; Di, X.; Dickie, E.W.; Dobryakova, E.; Eed, A.; Malpica, N.; Melero, H.; Sanz-Morales, E.	Nature	582:84-88	2020	Variability in the analysis of a single neuroimaging dataset by many teams
Calzari, L.; Barcella, M.; Alari, V.; Braga, D.; Muñoz-Viana, R.; Barlassina, C.; Finelli, P.; Gervasini, C.; Barco, A.; Russo, S.; Larizza, L.	Molecular neurobiology	57:3685-3701	2020	Transcriptome Analysis of iPSC-Derived Neurons from Rubinstein-Taybi Patients Reveals Deficits in Neuronal Differentiation
Camí, J.; Gomez-Marin, A.; Martínez, L.M.	PeerJ	8:e9712	2020	On the cognitive bases of illusionism
Cardenas A; Borrell V	Cellular and Molecular Life Sciences	77:1435-1460	2020	Molecular and cellular evolution of corticogenesis in amniotes
Carmena, A.	International Journal of Molecular Sciences	21(8):2865	2020	The case of the scribble polarity module in asymmetric neuroblast division in development and tumorigenesis
Castroviejo, N.; Ocaña, O.H.; Rago, L.; Coskun, H.; Arcas, A.; Galcerán, J.; Nieto, M.A.	Nature	585:E17-E19	2020	Reply to: Zebrafish prrx1a mutants have normal hearts
Cruz Morenilla-Palao; María Teresa López-Cascales; José P. López-Atalaya; Diana Baeza; Luís Calvo-Díaz; Ángel Barco; Eloisa Herrera	Science Advances	6(46):4602	2020	A Zic2-regulated switch in a noncanonical Wnt/βcatenin pathway is essential for the formation of bilateral circuits
Cruz, A.; Heinemans, M.; Márquez, C.; Moita, M.A.	Current biology : CB	30:1128-1135.e6	2020	Freezing Displayed by Others Is a Learned Cue of Danger Resulting from Co-experiencing Own Freezing and Shock
Cuchillo-Ibañez, I.; Andreo-Lillo, P.; Pastor-Ferrándiz, L.; Carratalá-Marco, F.; Sáez-Valero, J.	Frontiers in Psychiatry	11:242	2020	Elevated Plasma Reelin Levels in Children With Autism
Cueva, C.J.; Saez, A.; Marcos, E.; Genovesio, A.; Jazayeri, M.; Romo, R.; Salzman, C.D.; Shadlen, M.N.; Fusi, S.	Proceedings of the National Academy of Scier	117:23021-23032	2020	Low-dimensional dynamics for working memory and time encoding
Eed, A.; Cerdán Cerdá, A.; Lerma, J.; De Santis, S.	JOURNAL OF NEUROSCIENCE METHODS	343:108814	2020	Diffusion-weighted MRI in neurodegenerative and psychiatric animal models: Experimental strategies and main outcomes
Feldmeyer, D.; Wesseling, J.F.; Sjöström, P.J.	Frontiers in Synaptic Neuroscience	12:23	2020	Editorial: Methods for Synaptic Interrogation

Fernández, V.; Martínez-Martínez, M.Á.; Prieto-Colomina, A.; Cárdenas, A.; Soler, R.; Dori, M.; Tomasello, U.; Nomura, Y.; López-Atalaya, J.P.; Calegari, F.; Borrell, V.	EMBO Journal	39(21):e105479	2020	Repression of Irs2 by let-7 miRNAs is essential for homeostasis of the telencephalic neuroepithelium
Fernández-Nogales M; Lucas JJ	Frontiers in Cellular Neuroscience	13:574	2020	Altered Levels and Isoforms of Tau and Nuclear Membrane Invaginations in Huntington's Disease
Gabriel Gonzalez-Escamilla; Dumitru Ciolac; Silvia De Santis; , Angela Radetz; Vinzenz Fleischer; , Amgad Droby; Alard Roebroek; Sven G Meuth; Muthuraman Muthuraman; Sergiu Groppa	Annals of Clinical and Translational Neurology	7(4):543-	2020	Gray matter network reorganization in multiple sclerosis from 7-Tesla and 3-Tesla MRI data.
García-Guillén, I.M.; Alonso, A.; Morales-Delgado, N.; Andrés, B.; Puellas, L.; López-Bendito, G.; Marín, F.; Aroca, P.	Front Cell Dev Biol	8:588851	2020	Netrin-1/DCC Signaling Differentially Regulates the Migration of Pax7, Nkx6.1, Irx2, Otp, and Otx2 Cell Populations in the Developing Interpeduncular Nucleus
García-Gutiérrez, M.S.; Navarrete, F.; Sala, F.; Gasparyan, A.; Austrich-Olivares, A.; Manzanares, J.	Frontiers in Psychiatry	11:432	2020	Biomarkers in Psychiatry: Concept, Definition, Types and Relevance to the Clinical Reality
Geijo-Barrientos, E.; Pastore-Olmedo, C.; De Mingo, P.; Blanquer, M.; Gómez Espuch, J.; Iniesta, F.; Iniesta, N.G.; García-Hernández, A.; Martín-Estefanía, C.; Barrios, L.; Moraleda, J.M.; Martínez, S.	Frontiers in Neuroscience	14:195	2020	Intramuscular Injection of Bone Marrow Stem Cells in Amyotrophic Lateral Sclerosis Patients: A Randomized Clinical Trial
Gómez del Campo, A.; Viana, F.	Neuron	106:712-714	2020	Detecting Warm Temperatures Is a Cool Kind of Thing
Gomez-Marin, A.	Constructivist Foundations	16:124-128	2020	Does your brain exist when unperceived?
González-Iglesias, A.; Nieto, M.A.	Nature Cell Biology	22:1291-1292	2020	Proliferation and EMT trigger heart repair
Helena Mira; Javier Morante	Front Cell Dev Biol	8:553	2020	Neurogenesis From Embryo to Adult ¿ Lessons From Flies and Mice
Husky, M.M.; Bharat, C.; Vilagut, G.; Salmerón, D.; Martínez, S.; Navarro, C.; Alonso, J.; Kessler, R.C.; Navarro-Mateu, F.	Adicciones	32:94-104	2020	Birth-sex cohort alcohol use transitions in the general population: The cross-sectional pegasus-murcia project Las transiciones en el uso de alcohol en una cohorte de nacimiento-sexo en la población general: El proyecto transversal pegasus-murcia
Jorge Fernández Trillo; Danny Florez Paz; Almudena Íñigo Portugués; Omar González González; Ana Gómez del Campo; Alejandro González; Félix Viana; Carlos Belmonte; Ana Gomis	Journal of Neuroscience	40:8976-8993	2020	Piezo2 Mediates Low-Threshold Mechanically Evoked Pain in the Cornea
Joubert, F.; Guerrero-Moreno, A.; Fakh, D.; Reboussin, E.; Gaveriaux-Ruff, C.; Acosta, M.C.; Gallar, J.; Sahel, J.A.; Bodineau, L.; Baudouin, C.; Rostène, W.; Mélik-Parsadaniantz, S.; Réaux-Le Goazigo, A.	Biomedicine and Pharmacotherapy	132:110794	2020	Topical treatment with a mu opioid receptor agonist alleviates corneal allodynia and corneal nerve sensitization in mice
Jurado-Barba, R.; Sion, A.; Martínez-Maldonado, A.; Domínguez-Centeno, I.; Prieto-Montalvo, J.; Navarrete, F.; García-Gutierrez, M.S.; Manzanares, J.; Rubio, G.	Frontiers in Psychiatry	11:676	2020	Neuropsychophysiological Measures of Alcohol Dependence: Can We Use EEG in the Clinical Assessment?
Kelly, J.R.; Martini, S.; Brownlow, N.; Joshi, D.; Federico, S.; Jamshidi, S.; Kjaer, S.; Lockwood, N.; Rahmen, K.M.; Fraternali, F.; Parker, P.J.; Soliman, T.N.	Nature Communications	11(1):1396	2020	The Aurora B specificity switch is required to protect from non-disjunction at the metaphase/anaphase transition
Kralemann, L.E.M.; Liu, S.; Trejo-Arellano, M.S.; Muñoz-Viana, R.; Köhler, C.; Hennig, L.	GENOME BIOLOGY	21(1):144	2020	Removal of H2Aub1 by ubiquitin-specific proteases 12 and 13 is required for stable Polycomb-mediated gene repression in Arabidopsis
Lipinski, M.; Muñoz-Viana, R.; del Blanco, B.; Marquez-Galera, A.; Medrano-Relinque, J.; Caramés, J.M.; Szczepankiewicz, A.A.; Fernandez-Albert, J.; Navarrón, C.M.; Olivares, R.; Wilczyński, G.M.; Canals, S.; Lopez-Atalaya, J.P.; Barco, A.	Nature Communications	11(1):2588	2020	KAT3-dependent acetylation of cell type-specific genes maintains neuronal identity in the adult mouse brain
Marc-Hernández, A.; Ruiz-Tovar, J.; Aracil, A.; Guillén, S.; Moya-Ramón, M.	Scientific Reports	10(1):3123	2020	Effects of a High-Intensity Exercise Program on Weight Regain and Cardio-metabolic Profile after 3 Years of Bariatric Surgery: A Randomized Trial
María S García-Gutiérrez; Francisco Navarrete; , Ani Gasparyan; Amaya Austrich-Olivares; Francisco Sala; Jorge Manzanares	Biomolecules	10:1575-	2020	Cannabidiol: A Potential New Alternative for the Treatment of Anxiety, Depression, and Psychotic Disorders
Martinez-Morga, M.; Medina-Corvalan, C.; Pérez-García, C.; Bueno, C.; Martínez, S.	MEDICINA-BUENOS AIRES	80:2-6	2020	Mechanism of action of cell therapy in hereditary diseases Mecanismo de acción de la terapia celular en enfermedades hereditarias
Martínez-Muriana, A.; Pastor, D.; Mancuso, R.; Rando, A.; Osta, R.; Martínez, S.; López-Vales, R.; Navarro, X.	Stem Cell Research and Therapy	11(1):53	2020	Combined intramuscular and intraspinal transplant of bone marrow cells improves neuromuscular function in the SOD1G93A mice
Matic, A.; Gomez-Marin, A.	Journal of Mathematical Psychology	99:102453	2020	Geometric purity, kinematic scaling and dynamic optimality in drawing movements beyond ellipses
Mitchel, J.A.; Das, A.; O'Sullivan, M.J.; Stancil, I.T.; DeCamp, S.J.; Koehler, S.; Ocaña, O.H.; Butler, J.P.; Fredberg, J.J.; Nieto, M.A.; Bi, D.; Park, J.A.	Nature Communications	11(1):5053	2020	In primary airway epithelial cells, the unjamming transition is distinct from the epithelial-to-mesenchymal transition
Molina, M.L.; García-Bernal, D.; Martínez, S.; Valdor, R.	Cancers	12(1):102	2020	Autophagy in the immunosuppressive perivascular microenvironment of glioblastoma
Murcia-Ramón, R.; Company, V.; Juárez-Leal, I.; Andreu-Cervera, A.; Almagro-García, F.; Martínez, S.; Echevarría, D.; Puellas, E.	Brain Structure and Function	225:2857-2869	2020	Neuronal tangential migration from Nkx2.1-positive hypothalamus
Navarrete, F.; García-Gutiérrez, M.S.; Gasparyan, A.; Austrich-Olivares, A.; Femenía, T.; Manzanares, J.	Frontiers in Psychiatry	11:586447	2020	Cannabis Use in Pregnant and Breastfeeding Women: Behavioral and Neurobiological Consequences
Navarrete, F.; García-Gutiérrez, M.S.; Jurado-Barba, R.; Rubio, G.; Gasparyan, A.; Austrich-Olivares, A.; Manzanares, J.	Frontiers in Psychiatry	11:315	2020	Endocannabinoid System Components as Potential Biomarkers in Psychiatry

Navas-Pérez, E.; Vicente-García, C.; Mirra, S.; Burguera, D.; Fernández-Castillo, N.; Ferrán, J.L.; López-Mayorga, M.; Alaiz-Noya, M.; Suárez-Pereira, I.; Antón-Galindo, E.; Ulloa, F.; Herrera-Úbeda, C.; Cuscó, P.; Falcón-Moya, R.; Rodríguez-Moreno, A.; DžAniello, S.; Cormand, B.; Marfany, G.; Soriano, E.; Carrión, Á.M.; Carvajal, J.J.; Garcia-Fernández, J.	GENOME BIOLOGY	21(1):102	2020	Characterization of an eutherian gene cluster generated after transposon domestication identifies Bex3 as relevant for advanced neurological functions
Nieto MA	Methods in molecular biology (Clifton, N.J.)	2179:19-28	2020	Are You Interested or Afraid of Working on EMT?
Nieto, M.A.	Nature Reviews Molecular Cell Biology	21(10):563	2020	50+ shades of EMT in 20 years of embryo−cancer bonding
Pallé, A.; Montero, M.; Fernández, S.; Tezanos, P.; de las Heras, J.A.; Luskey, V.; Birnbaumer, L.; Zufall, F.; Chamero, P.; Trejo, J.L.	Scientific Reports	10(1):894	2020	Gαi2+ vomeronasal neurons govern the initial outcome of an acute social competition
Pérez-Otaño	Cerebral Cortex		2020	Temporal Dynamics and Neuronal Specificity of Grin3a Expression in the Mouse Forebrain
Perez-Zabalza, M.; Reig, R.; Manrique, J.; Jercog, D.; Winograd, M.; Parga, N.; Sanchez-Vives, M.V.	Journal of Physiology	598:3439-3457	2020	Modulation of cortical slow oscillatory rhythm by GABAB receptors: an in vitro experimental and computational study
Ramon Reig	Neuroscience	S0306-4522	2020	GABA B receptors: modulation of thalamocortical dynamics and synaptic plasticity
Robles, R.M.; Domínguez-Sala, E.; Martínez, S.; Geijo-Barrientos, E.	Frontiers in Neural Circuits	14:576504	2020	Layer 2/3 Pyramidal Neurons of the Mouse Granular Retrosplenial Cortex and Their Innervation by Cortico-Cortical Axons
Salas-Lucia, F.; Pacheco-Torres, J.; González-Granero, S.; García-Verdugo, J.M.; Berbel, P.	Frontiers in neuroanatomy	14:33	2020	Transient Hypothyroidism During Lactation Alters the Development of the Corpus Callosum in Rats. An in vivo Magnetic Resonance Image and Electron Microscopy Study
Sánchez-Guijo, F.; García-Olmo, D.; Prósper, F.; Martínez, S.; Zapata, A.; Fernández-Avilés, F.; Toledo-Aral, J.J.; Torres, M.; Fariñas, I.; Badimón, L.; Labandeira-García, J.L.; García-Sancho, J.; Moraleda, J.M.	Cytotherapy	22:1-5	2020	Spanish Cell Therapy Network (TerCel): 15 years of successful collaborative translational research
Silvia De Santis; Alejandro Cosa-Linan; Raquel Garcia-Hernandez; Lesia Dmytrenko; Lydia Vargova; Ivan Vorisek; Serena Stopponi; Patrick Bach; Peter Kirsch; Falk Kiefer; Roberto Ciccocioppo; Eva Sykova; David Moratal; Wolfgang H Sommer; Santiago Canals	Science Advances	6(26):eaba0154	2020	Chronic alcohol consumption alters extracellular space geometry and transmitter diffusion in the brain.
Sotelo, C.	Neuroscience	1:1-	2020	Cellular Mechanisms Involved in Cerebellar Microzonation
Sotelo, C.	Anatomical Record	303:1252-1279	2020	The History of the Synapse
Toschi N; Gisbert RA; Passamonti L; Canals S; De Santis S	Neurobiology of Aging	86:191-200	2020	Multishell diffusion imaging reveals sex-specific trajectories of early white matter degeneration in normal aging.
Tzanoulinou, S.; Gantelet, E.; Sandi, C.; Márquez, C.	Neurobiology of Stress	13:100282	2020	Programming effects of peripubertal stress on spatial learning
Valbuena, S.; Lerma, J.	Neuroscience	Art.revisión.	2020	Kainate Receptors, Homeostatic Gatekeepers of Synaptic Plasticity
Vicente Pallarésa; Mateusz Dudekb; Andrea Morenoa; Úrsula Pérez-Ramírezc; David Moratalc; Mia Haaranenb; Roberto Ciccocioppod; Wolfgang H. Sommere; Santiago Canals; Petri Hyttiäb	Behavioural Pharmacology	1:1-10	2020	Neuroimaging reveals functionally distinct neuronal networks associated with high-level alcohol consumption in two genetic rat models
Víctor J López-Madrona; Elena Pérez-Montoyo; Efrén Álvarez-Salvado; David Moratal; Oscar Herreras; Ernesto Pereda; Claudio R Mirasso; Santiago Canals	eLife	9:e57313	2020	Different theta frameworks coexist in the rat hippocampus and are coordinated during memory-guided and novelty tasks
Yan Li; Zan Lv; Shaohua Zhang; Zhuo Wang; Lingjuan He; Muxue Tang; Wenjuan Pu; Huan Zhao; Zhenqian Zhang; Qihui Shi; Dongqing Cai; Mingfu Wu; Guohong Hu; Kathy O Lui; Jing Feng; M Angela Nieto; Bin Zhou	Developmental Cell	54:593-607	2020	Genetic Fate Mapping of Transient Cell Fate Reveals N-Cadherin Activity and Function in Tumor Metastasis
Yang, J.; Antin, P.; Berx, G.; Blanpain, C.; Brabletz, T.; Bronner, M.; Campbell, K.; Cano, A.; Casanova, J.; Cristofori, G.; Dedhar, S.; Derynck, R.; Ford, H.L.; Fuxe, J.; García de Herreros, A.; Goodall, G.J.; Hadjantonakis, A.K.; Huang, R.J.Y.; Kalcheim, C.; Kalluri, R.; Kang, Y.; Khew-Goodall, Y.; Levine, H.; Liu, J.; Longmore, G.D.; Mani, S.A.; Massagué, J.; Mayor, R.; McClay, D.; Mostov, K.E.; Newgreen, D.F.; Nieto, M.A.; Puisieux, A.; Runyan, R.; Savagner, P.; Stanger, B.; Stemmler, M.P.; Takahashi, Y.; Takeichi, M.; Thevenneau, E.; Thiery, J.P.; Thompson, E.W.; Weinberg, R.A.; Williams, E.D.; Xing, J.; Zhou, B.P.; Sheng, G.	Nature Reviews Molecular Cell Biology	21:341-352	2020	Guidelines and definitions for research on epithelial–mesenchymal transition
Youssef, K.K.; Nieto, M.A.	Developmental Cell	53:133-135	2020	Glucose Metabolism Takes Center Stage in Epithelial-Mesenchymal Plasticity