

2019

Boletín de producción científica relacionada con las convocatorias de ayudas a proyectos de investigación



INTRODUCCIÓN

En este boletín número 1 de 2019, se presenta la producción científica que ha dado lugar la convocatoria de ayudas a la investigación de la DGPNSD, del año 2014. Esta convocatoria financia proyectos sobre adicciones de investigación básica, clínica y sociosanitaria, y en general, estos proyectos tienen una duración de tres anualidades. Por ello, ahora se presentan los artículos publicados relacionados con los proyectos subvencionados en 2014.

Por último, agradecer el esfuerzo realizado por todos y todas las que han hecho posible este boletín especialmente, los equipos y los centros de investigación.

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ALCOHOL

Ortolá R, García-Esquinas E, López-García E, León-Muñoz LM, Banegas JR, Rodríguez-Artalejo F. Alcohol consumption and all-cause mortality in older adults in Spain: an analysis accounting for the main methodological issues. *Addiction*. 2019 Jan [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/30063272>

Sanvisens A, Zuluaga P, Rivas I, Rubio G, Gual A, Torrens M, Short A, Álvarez FJ, Tor J, Farré M, Rodriguez de Fonseca F, Muga R .Pacientes con trastorno por uso de alcohol: resultados iniciales de un registro multicéntrico en la Red de Trastornos Adictivos-RTA. Estudio CohRTA Adicciones. 2018 Jan [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28170055>

Blanco-Gandía MC, Miñarro J, Aguilar MA, Rodríguez-Arias M.Increased ethanol consumption after interruption of fat bingeing. *PLoS One*. 2018 Mar [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Increased+ethanol+consumption+after+interruption+of+fat+bingeing>

Portero-Tresserra M, Gracia-Rubio I, Cantacorps L, Pozo OJ, Gómez-Gómez A, Pastor A, López-Arnau R, de la Torre R, Valverde O. Maternal separation increases alcohol-drinking behaviour and reduces endocannabinoid levels in the mouse striatum and prefrontal cortex. *Eur Neuropsychopharmacol*. 2018 Apr [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29478745>

Portero-Tresserra M, Gracia-Rubio I, Valverde O. Effects of maternal separation on alcohol rewarding properties, binge drinking and relapse behavior in adolescent mice. 16th FENS, Copenhagen, Denmark, July. 2016. [citado 04 de marzo de 2019].

Disponible en:

http://fens2016.org/?gclid=CLz_8rHi98wCFcO4GwdliYFhw

Sanvisens A, Muñoz A, Bolao F, Zuluaga P, Farré M, Jarrin I, Tor J, Muga R. Do serum markers of liver fibrosis vary by HCV infection in patients with alcohol use disorder? *Drug Alcohol Depend*. 2018 May [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29778771>

Cantacorps L, González-Pardo H, Arias JL, Valverde O, Conejo NM. Altered brain functional connectivity and behaviour in a mouse model of maternal alcohol binge-drinking. *Prog Neuropsychopharmacol Biol Psychiatry*. 2018 Jun [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29526773>

Giménez-Gómez P, Pérez-Hernández M, Gutiérrez-López MD, Vidal R, Abuin-Martínez C, O'Shea E, Colado MI. Increasing kynurenone brain levels reduces ethanol consumption in mice by inhibiting dopamine release in nucleus accumbens. *Neuropharmacology*. 2018 Jun [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Increasing+kynurenine+brain+levels+reduces+ethanol+consumption+in+mice+by+inhibiting+dopamine+release+in+nucleus+accumbens.+Neuropharmacology.+2018+Jun>

Rodríguez-López J, Flórez G, Blanco V, Pereiro C, Fernández JM, Fariñas E, Estévez V, Gómez-Trigo J, Gurriarán X, Calvo R, Sáiz P; GenPol Study Group, Vázquez FL, Arrojo M, Costas J. Genome wide analysis of rare copy number variations in alcohol abuse or dependence. *J Psychiatr Res.* **2018** Aug [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29890507>

Muga R, Sanvisens A, Jarrín I, Fuster D, Bolao F, Tor J, Muñoz A. Hepatitis C infection substantially reduces survival of alcohol-dependent patients. *Clin Epidemiol.* **2018** Aug [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Hepatitis+C+infection+substantially+reduces+survival+of+alcohol-dependent+patients>

Fuster D, García-Calvo X, Zuluaga P, Rivas I, Sanvisens A, Tor J, Muga R. Ultrasound findings of liver damage in a series of patients consecutively admitted for treatment of alcohol use disorder. *Drug Alcohol Depend.* **2018** Sep [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Ultrasound+findings+of+liver+damage+in+a+series+of+patients+consecutively+admitted+for+treatment+of+alcohol+use+disorder>

Correas A, López-Caneda E, Beaton L, Rodríguez Holguín S, García-Moreno LM, Antón-Toro LF, Cadaveira F, Maestú F, Marinkovic K. Decreased event-related theta power and phase-synchrony in young binge drinkers during target detection: An anatomically-constrained MEG approach. *J Psychopharmacol.* **2018** Oct [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Decreased+event-related+theta+power+and+phase-synchrony+in+young+binge+drinkers+during>

Muñoz-León LM, Guallar-Castillón P, García Esquinas E, Galán I, Rodríguez Artalejo F. Alcohol drinking patterns and risk of functional limitations in two cohorts of older adults. *Clin Nutr.* **2017** Jun [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Alcohol+drinking+patterns+and+risk+of+functional+limitations+in+two+cohorts+of+older+adults.+Clin+Nutr.+2017>

López-Caneda E, Rodríguez Holguín S, Correas Á, Carbia C, González-Villar A, Maestú F, Cadaveira F. Binge drinking affects brain oscillations linked to motor inhibition and execution. *J Psychopharmacol.* **2017** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28168896>

Sanvisens A, Zuluaga P, Rivas I, Fuster D, Tor J, Marcos M, Chamorro AJ, Muga R. Long-Term Mortality of Patients with an Alcohol-Related Wernicke-Korsakoff Syndrome. *Alcohol Alcohol.* **2017** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28340112>

Rubio-Araiz A, Porcu F, Pérez-Hernández M, García-Gutiérrez MS, Aracil-Fernández MA, Gutierrez-López MD, Guerri C, Manzanares J, O'Shea E, Colado MI. Disruption of blood-brain barrier integrity in postmortem alcoholic brain: preclinical evidence of TLR4 involvement from a binge-like drinking model. *Addict Biol.* **2017** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/26949123>

Blanco-Gandía MC, Ledesma JC, Aracil – Fernández A, Navarrete F, Montagud-Romero S, Aguilar MA, Manzanares J, Miñarro J, Rodríguez-Arias M. The rewarding effects of ethanol are modulated by binge eating of a high-fat diet during adolescence. *Neuropharmacology.* **2017** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=The+rewarding+effects+of+ethanol+are+modulated+by+binge+eating+of+a+high-fat+diet+during+adolescence>

Valverde O. Behavioral and molecular alterations induced by maternal alcohol binge consumption in offspring mice. Sociedad Española de Farmacología and British Pharmacology Society. Barcelona. Junio. **2017**. Comunicación oral. [citado 04 de marzo de 2019].

Disponible en:

<http://www.sef2017.com/es/>

Orio L, Antón M, Rodríguez-Rojo IC, Correas Á, García-Bueno B, Corral M, de Fonseca FR, García-Moreno LM, Maestú F, Cadaveira F. Young alcohol binge drinkers have elevated blood endotoxin, peripheral inflammation and low cortisol levels: neuropsychological correlations in women. *Addict Biol.* **2017** Aug [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=maestu+f+and+orio>

Cantacorps L, Alfonso-Loeches S, Moscoso-Castro M, Cuitavi J, Gracia-Rubio I, López-Arnau R, Escubedo E, Guerri C, Valverde O. Maternal alcohol binge drinking induces persistent neuroinflammation associated with myelin damage and behavioural dysfunctions in offspring mice. *Neuropharmacology.* **2017** Sep [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28669901>

Cantacorps L, Alfonso-Loeche S, Moscoso-Castro M, Cuitavi J, Guerri C, Valverde O. Long-term neurobiological consequences of maternal binge alcohol consumption in mice. 16th FENS, Copenhagen, Denmark, July. **2016**. [citado 04 de marzo de 2019].

Disponible en:

http://fens2016.org/?gclid=CLz_8rHi98wCFcO4GwodliYFhw

López-Caneda E, Cadaveira F, Correas A, Crego A, Maestú F, Rodríguez Holguín S. The Brain of Binge Drinkers at Rest: Alterations in Theta and Beta Oscillations in First-Year College Students with a Binge Drinking Pattern. *Front Behav Neurosci.* **2017** Sep [citado 04 de marzo de 2019].

Artículo de libre acceso disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28959193>

Zuluaga P, Sanvisens A, Martínez-Cáceres E, Teniente A, Tor J, Muga R. Over-expression of CD8+ T-cell activation is associated with decreased CD4+ cells in patients seeking treatment of alcohol use disorder. *Drug Alcohol Depend.* **2017** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28850904>

Ortolá R, García-Esquinas E, Galán I, Guallar-Castillón P, López-García E, Banegas JR, Rodríguez-Artalejo F. Patterns of alcohol consumption and risk of falls in older adults: a prospective cohort study. *Osteoporos Int.* **2017** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Patterns+of+alcohol+consumption+and+risk+of+falls+in+older+adults%3A+a+prospective+cohort+study.+Osteoporos+Int.+2017>

Sanvisens A, Zuluaga P, Pineda M, Fuster D, Bolao F, Junca J, Tor J, Muga R. Folate deficiency in patients seeking treatment of alcohol use disorder. *Drug Alcohol Depend.* **2017** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28988003>

Marco EM, Peñasco S, Hernández MD, Gil A, Borcel E, Moya M1, Giné E, López-Moreno JA, Guerri C, López-Gallardo M, Rodríguez de Fonseca F. Long-Term Effects of Intermittent Adolescent Alcohol Exposure in Male and Female Rats. *Front Behav Neurosci.* **2017** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29234279>

Contreras A, Morales L, Tebourbi A, Miguéns M, Olmo ND, Pérez-García C. Age-Dependent Effects of Acute Alcohol Administration in the Hippocampal Phosphoproteome. *Chem Res Toxicol.* **2017** Dec [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/29064675>

González-Sepúlveda M, Pozo OJ, Marcos J, Valverde O. Chronic pain causes a persistent anxiety state leading to increased ethanol intake in CD1 mice. *J Psychopharmacol.* **2016** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/26681793>

Ortolá R, García-Esquinas E, León-Muñoz LM, Guallar-Castillón P, Valencia-Martín JL, Galán I, Rodríguez-Artalejo F. Patterns of Alcohol Consumption and Risk of Frailty in Community-dwelling Older Adults. *J Gerontol A Biol Sci Med Sci.* **2016** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Patterns+of+Alcohol+Consumption+and+Risk+of+Frailty+in+Community-dwelling+Older+Adults.+J+Gerontol+A+Biol+Sci+Med+Sci.+2016>

Ortolá R, García-Esquinas E, Galán I, Rodríguez-Artalejo F. Patterns of alcohol consumption and health-related quality of life in older adults. *Drug Alcohol Depend.* **2016** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Patterns+of+alcohol+consumption+and+health+related+quality+of+life+in+older+adults.+Drug+Alcohol+Depend.+2016>

Sanvisens A, Robert N, Hernandez JM, Zuluaga P, Farre M, Coroleu W, Serra M, Tor J, Muga R. Alcohol consumption during pregnancy: analysis of two direct metabolites of ethanol in meconium. *Int J Mol Sci.* **2016** Mar [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed?term=Alcohol%5BTitle%5D%20AND%20consumption%5BTitle%5D%20AND%20pregnancy%5BTitle%5D%20AND%20analysis%5BTitle%5D%20AND%20two%5BTitle%5D%20AND%20direct%5BTitle%5D%20AND%20metabolites%5BTitle%5D%20AND%20ethanol%5BTitle%5D%20AND%20meconium%5BTitle%5D>

Zuluaga P, Sanvisens A, Teniente A, Fuster D, Bolao F, Tor J, Martínez-Cáceres E, Muga R. Wide array of T-cell subpopulation alterations in patients with alcohol use disorders. *Drug Alcohol Depend.* **2016** May [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/27038675>

Correas A, Cuesta P, López-Caneda E, Rodríguez Holguín S, García-Moreno LM, Pineda-Pardo JA, Cadaveira F, Maestú F. Functional and structural brain connectivity of young binge drinkers: a follow-up study. *Sci Rep.* **2016** Aug [citado 04 de marzo de 2019].

Artículo de libre acceso disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/27506835>

Fuster D, Sanvisens A, Bolao F, Rivas I, Farre M, Tor J, Muga R. Alcohol use disorder and its impact on chronic Hepatitis C Virus and HIV infections. *World J Hepatol.* **2016** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Alcohol+use+disorder+and+its+impact+on+chronic+Hepatitis+C+Virus+and+HIV+infections.+World+J+Hepatol.+2016+Nov>

Valverde O. Consumo de alcohol durante la adolescencia y alteraciones comportamentales en la edad adulta. XLIII Jornadas Nacionales de Sociodrogalcohol. Alicante. **2016**. [citado 04 de marzo de 2019].

Disponible en:

<http://jornadas2016.socidrogalcohol.org>

Fuster D, Sanvisens A, Bolao F, Zuluaga P, Rivas I, Tor J, Muga R. Markers of inflammation and mortality in a cohort of patients with alcohol dependence. *Medicine (Baltimore)*. **2015** Mar [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Markers+of+inflammation+and+mortality+in+a+cohort+of+patients+with+alcohol+dependence>

Correas A, Rodriguez Holguín S, Cuesta P, López-Caneda E, García-Moreno LM, Cadaveira F, Maestú F. Exploratory Analysis of Power Spectrum and Functional Connectivity During Resting State in Young Binge Drinkers: A MEG Study. *Int J Neural Syst.* **2015** May [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/25753601>

Coullaut-Valera R, Arbaiza I, Bajo R, Arrué R, López ME, Coullaut-Valera J, Correas A, López-Sanz D, Maestú F, Papo D. Drug polyconsumption is associated with increased synchronization of brain electrical-activity at rest and in a counting task. *Int J Neural Syst.* **2014** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=maestu+f+and+Arbaiza>

CANNABIS

Saravia R, Ten-Blanco M, Julià-Hernández M, Gagliano H, Andero R, Armario A, Maldonado R, Berrendero F. Concomitant THC and stress adolescent exposure induces impaired fear extinction and related neurobiological changes in adulthood. *Neuropharmacology*. **2019** Jan [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Concomitant+THC+and+stress+adolescent+exposure+induces+impaired+fear>

Saravia R, Flores A, Plaza-Zabala A, Busquets-García A, Pastor A, de la Torre R, Di Marzo V, Marsicano G, Ozaita A, Maldonado R., Berrendero F. CB₁ Cannabinoid Receptors Mediate Cognitive Deficits and Structural Plasticity Changes During Nicotine Withdrawal. *Biol Psychiatry*. **2017** Apr [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=CB1+cannabinoid+receptors+mediate+cognitive+deficits+and+structural+plasticity+changes+during+nicotine+withdrawal>

Luján MA, Valverde O. Cannabinoid modulates the acquisition of cocaine self-administration behavior and the CB1 receptor expression in mice. Sociedad Española de investigación en cannabinoides. Bilbao. Noviembre. **2017**. Comunicación oral. [citado 04 de marzo de 2019].

Disponible en:

<http://www.seic.es/reunion-anual-seic>

Martín-Sánchez A, Valverde O. Abstinence behavioural signs in maternal separated mice chronically treated with the cannabinoid agonist WIN 55, 212. Sociedad Española de investigación en cannabinoides. Bilbao. Noviembre. **2017**. Comunicación oral. [citado 04 de marzo de 2019].

Disponible en:

<http://www.seic.es/reunion-anual-seic>

Luján MA, Alegre L, Valverde O. Cannabidiol attenuates the reinforcing properties of cocaine: a potential role for neurogenesis. 2nd European Conference on Addictive Behavior and Dependence. Lisbon, Portugal. Octubre. **2017**. [citado 04 de marzo de 2019].

Disponible en:

<http://www.lisbonaddictions.eu/lisbon-addictions-2017>

Rodríguez-Muñoz M, Sánchez-Blázquez P, Callado LF, Meana JJ, Garzón-Niño J. Schizophrenia and depression, two poles of endocannabinoid system deregulation. *Transl Psychiatry*. **2017** Dec [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Schizophrenia+and+depression%2C+two+poles+of+endocannabinoid+system+deregulation>

Flores A, Julià-Hernández M, Maldonado R, Berrendero F. Involvement of the orexin/hypocretin system in the pharmacological effects induced by Δ(9)-tetrahydrocannabinol. *Br J Pharmacol*. **2016** Apr [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Involvement+of+the+orexin%2Fhypocretin+system+in+the+pharmacological+effects+induced+by+%EF%81%849-tetrahydrocannabinol>

Rodríguez-Muñoz M, Sánchez-Blázquez P, Merlos M, Garzón-Niño J. Endocannabinoid control of glutamate NMDA receptors: the therapeutic potential and consequences of dysfunction. *Oncotarget*. **2016** Aug [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Endocannabinoid+control+of+glutamate+NMDA+receptors%3A+the+therapeutic+potential+and+consequences+of+dysfunction>

Warnault V, Valverde O. Cannabinoid receptor 2 regulates the expression of the alcohol reward properties in mice conditioned place preference. Berlin, Germany. **2016** Sep. [citado 04 de marzo de 2019].

Disponible en:

<http://isbra-esbra-2016.org>

COCAÍNA

Gracia-Rubio I, Martínez-Laorden E, Moscoso-Castro M, Milanés MV, Laorden ML, Valverde O. Maternal Separation Impairs Cocaine-Induced Behavioural Sensitization in Adolescent Mice. *PLoS One*. **2016** Dec [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/27936186>

Luján, M.A., López-Arnau, R., Duart-Castells, L., Pubill, D., Camarasa, J., Valverde, O. Escubedo, E. Early exposure of mice to MDPV increases the vulnerability to cocaine in the adulthood. Sociedad Española de Farmacología and British Pharmacology Society. Barcelona. Junio. **2017**. Poster [citado 04 de marzo de 2019].

Disponible en:

<http://www.sef2017.com/es/>

Martini M, Pinto AX, Valverde O. Estrous cycle and sex affect cocaine-induced behavioural changes in CD1 mice. *Psychopharmacology (Berl)*. **2014** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/24452696>

POLICONSUMO

Gurriarán X, Rodríguez-López J, Flórez G, Pereiro C, Fernández JM, Fariñas E, Estévez V, Arrojo M, Costas J; GenPol Study Group. Relationships between substance abuse/dependence and psychiatric disorders based on polygenic scores. *Genes Brain Behav*. **2018** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Relationships+between+substance+abuse%2Fdependence+and+psychiatric+disorders+based+on+polygenic+scores>

Fuster D, Sanvisens A, Bolao F, Zuluaga P, Rivas I, Farre M, Tor J, Muga R. Cannabis as Secondary Drug is not associated with a greater risk of death in patients with opiate, cocaine, or alcohol dependence. *J Addict Med*. **2017** Jan/Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/27753720>

Esteve-Arrenys A, Gracia-Rubio I, Cantacorbs L, Pozo OJ, Marcos J, Rodríguez-Arias M, Miñarro J, Valverde O. Binge ethanol drinking during adolescence modifies cocaine responses in mice. *J Psychopharmacol*. **2017** Jan [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Binge+ethanol+drinking+during+adolescence+modifies+cocaine+responses+in+mice>

Johansson EM, García-Gutiérrez MS, Moscoso-Castro M, Manzanares J, Valverde O. Reduced Contextual Discrimination following Alcohol Consumption or MDMA Administration in Mice. *PLoS One*. **2015** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/26566284>

PSICOESTIMULANTES

Pérez-Hernández M, Fernández-Valle ME, Rubio-Araiz A, Vidal R, Gutiérrez-López MD, O'Shea E, Colado MI. 3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) produces edema due to BBB disruption induced by MMP-9 activation in rat hippocampus. *Neuropharmacology*. **2017** May [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28322979>

López-Arnau R, Luján MA, Duart-Castells L, Pubill D, Camarasa J, Valverde O, Escubedo E. Exposure of adolescent mice to 3,4-methylenedioxypyrovalerone increases the psychostimulant, rewarding and reinforcing effects of cocaine in adulthood. *Br J Pharmacol*. **2017** May [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28262947>

Urrutia A, Granado N, Gutierrez-Lopez MD, Moratalla R, O'Shea E, Colado MI. The JNK inhibitor, SP600125, potentiates the glial response and cell death induced by methamphetamine in the mouse striatum. *Int J Neuropsychopharmacol*. **2014** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/24103647>

Rubio-Araiz A, Perez-Hernandez M, Urrutia A, Porcu F, Borcel E, Gutierrez-Lopez MD, O'Shea E, Colado MI. 3,4-Methylenedioxymethamphetamine (MDMA, ecstasy) disrupts blood-brain barrier integrity through a mechanism involving P2X7 receptors. *Int J Neuropsychopharmacol*. **2014** Aug [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/24626059>

O'Shea E, Urrutia A, Green AR, Colado MI. Current preclinical studies on neuroinflammation and changes in blood-brain barrier integrity by MDMA and methamphetamine. *Neuropharmacology*. **2014** Dec [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/24594477>

OTROS TEMAS

Vallecillo G, Robles MJ, Torrens M, Samos P, Roquer A, Martires PK, Sanvisens A, Muga R, Pedro-Botet J. Metabolic syndrome among individuals with heroin use disorders on methadone therapy: prevalence, characteristics, and related factors. *Subst Abus.* **2018** Jan [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28771091>

Rodríguez-Muñoz M, Sánchez-Blázquez P, Garzón J. Fenfluramine diminishes NMDA receptor-mediated seizures via its mixed activity at serotonin 5HT2A and type 1 sigma receptors. *Oncotarget.* **2018** May. [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Fenfluramine+diminishes+NMDA+receptor-mediated+seizures+via+its+mixed+activity+at+serotonin+5HT2A+and+type+1+sigma+receptors>

Moscoso-Castro M, López-Cano M, Gracia-Rubio I, Ciruela F, Valverde O. Cognitive impairments associated with alterations in synaptic proteins induced by the genetic loss of adenosine A2A receptors in mice. *Neuropharmacology.* **2017** Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28844595>

Garzón-Niño J, Rodríguez-Muñoz M, Cortés-Montero E, Sánchez-Blázquez P. Increased PKC activity and altered GSK3 β /NMDAR function drive mood cycling in HINT1-deficient mice: bipolarity or opposing forces. *Sci Rep.* **2017** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/28240305>

Valverde O. Factores ambientales que modulan la vulnerabilidad al desarrollo del trastorno por uso de sustancias. Congreso Nacional de Sociodrogalcohol. Oviedo. Mayo. **2017**. Comunicación oral. [citado 04 de marzo de 2019].

Disponible en:

<http://soci2017.cevents.es>

Moscoso-Castro M, Gracia-Rubio I, Ciruela F, Valverde O. Genetic blockade of adenosine A2A receptors induces cognitive impairments and anatomical changes related to psychotic symptoms in mice. *Eur Neuropsychopharmacol.* **2016** Jul [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/27133030>

Moscoso-Castro M, Gracia-Rubio I, Ciruela F, Valverde O. Deficient Adenosine A2A receptor signaling promotes psychotic disorder phenotypes in mice. 16 th FENS, Copenhagen, Denmark, July. **2016**. [citado 04 de marzo de 2019].

Disponible en:

http://fens2016.org/?gclid=CLz_8rHi98wCFcO4GwodliYFhw

Gracia-Rubio I, Moscoso-Castro M, Pozo OJ, Marcos J, Nadal R, Valverde O. Maternal separation induces neuroinflammation and long-lasting emotional alterations in mice. *Prog Neuropsychopharmacol Biol Psychiatry.* **2016** Feb [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/26382758>

Gutierrez-Sacristan A, Bravo A, Valverde O, et al. Leveraging text mining, expert curation and data integration to develop a database on psychiatric diseases and their genes. SMBM, Postdam, Germany. **2016**. [citado 04 de marzo de 2019].

Disponible en:

<https://hpi.de/en/plattner/events/smbm2016/home.html>

Rodríguez-Muñoz M, Cortés-Montero E, Pozo-Rodrigálvarez A, Sánchez-Blázquez P, Garzón-Niño J. The ON:OFF switch, σ₁R-HINT1 protein, controls GPCR-NMDA receptor cross-regulation: implications in neurological disorders. Oncotarget. **2015**. Nov [citado 04 de marzo de 2019].

Disponible en:

<https://www.ncbi.nlm.nih.gov/pubmed/?term=The+ON%3AOFF+switch%2C+%CF%831R-HINT1+protein%2C+controls+GPCR-NMDA+receptor+cross-regulation%3A+implications+in+neurological+disorders>