

## Referencias bibliográficas

- ABUSAMRA, V., MIRANDA, M. A. y FERRERES, A. (2007). “Evaluación de la iniciación e inhibición verbal en español: adaptación y normas del test de Hayling”. *Revista Argentina de Neuropsicología*, 9, pp. 19-32.
- ACEVEDO, B. P., ARON, A., FISHER, H. E. y BROWN, L. L. (2012). “Neural correlates of long-term intense romantic love”. *Social Cognitive and Affective Neuroscience*, 7(2), pp. 145-159.
- ADELSTEIN, J. S., SHEHZAD, Z., MENNES, M., DEYOUNG, C. G., ZUO, X. N., KELLY, C. y MILHAM, M. P. (2011). “Personality is reflected in the brain’s intrinsic functional architecture”. *PLoS ONE*, 6, e27633.
- AGARTZ, I., BRAG, S., FRANCK, J., HAMMARBERG, A., OKUGAWA, G., SVINHUFVUD, K. y BERGMAN, H. (2003). “MR volumetry during acute alcohol withdrawal and abstinence: A descriptive study”. *Alcohol and Alcoholism*, 38(1), pp. 71-78.
- AGRAWAL, A., EDENBERG, H. J. y GELERNTER, J. (2016). “Meta-analyses of genome-wide association data hold new promise for addiction genetics”. *Journal of Studies on Alcohol and Drugs*, 77(5), pp. 676-680.
- AHARONOVICH, E., HASIN, D. S., BROOKS, A. C., LIU, X., BISAGA, A. y NUNES, E. V. (2006). “Cognitive deficits predict low treatment retention in cocaine dependent patients”. *Drug and Alcohol Dependence*, 81(3), pp. 313-322.
- AHMED, S. H., LENOIR, M. y GUILLEM, K. (2013). “Neurobiology of addiction versus drug use driven by lack of choice”. *Current Opinion in Neurobiology*, 23(4), pp. 581-587.
- ALBEIN-URIOS, N., MARTINEZ-GONZÁLEZ, J. M., LOZANO, O., CLARK, L. y VERDEJO-GARCÍA, A. (2012). “Comparison of impulsivity and working memory in cocaine addiction and pathological gambling: Implications for cocaine-induced neurotoxicity”. *Drug and Alcohol Dependence*, 126(1-2), pp. 1–6.
- ALEXANDER, B. K. (2008). *The globalisation of addiction: A study in poverty of the spirit*. Oxford: Oxford University Press.
- ALEXANDER, B. K., BEYERSTEIN, B. L., HADAWAY, P. F. y COAMBS, R. B. (1981). “The effects of early and later colony housing on oral ingestion of morphine in rats”. *Pharmacology, Biochemistry & Behavior*, 15(4), pp. 571-576.

- ALEXANDER, B. K., COAMBS, R. B. y HADAWAY, P. F. (1978). "The effect of housing and gender on morphine self-administration in rats". *Psychopharmacology*, 58(2), pp. 175-179.
- ALLEGRI, R. F. y HARRIS, P. (2001). "La corteza prefrontal en los mecanismos atencionales y la memoria". *Revista de Neurología*, 32(5), pp. 449-453.
- ALLEE-HERNDON, K. A. y ROBERTS, S. K. (2018). "Neuroeducation and Early Elementary Teaching". *International Journal of the Whole Child*, 3(2), pp. 4-8.
- ALMEIDA, P. P., DE ARAUJO FILHO, G. M., MALTA, S. M., LARANJEIRA, R. R., MARQUES, A. C. R. P., BRESSAN, R. A. y LACERDA, A. L. T. (2017). "Attention and memory deficits in crack-cocaine users persist over four weeks of abstinence". *Journal of Substance Abuse Treatment*, 81, pp. 73-78.
- ALVAREZ, J. A. y EMORY, E. (2006). "Executive Function and the Frontal Lobes: A Meta-Analytic Review". *Neuropsychology Review*, 16(1), pp. 17-42.
- AMBROSIO FLORES, E. y FERNÁNDEZ ESPEJO, E. (2011). "Fundamentos neurobiológicos de las adicciones". En PEDRERO-PÉREZ, E. J. (coord.), *Neurociencia y Adicción*. Madrid: Sociedad Española de Toxicomanías, pp. 19-45.
- ANDERSON, S., BECHARA, A., DAMASIO, H., TRANEL, D. y DAMASIO, A. (1999). "Impairment of social and moral behaviour related to early damage in human prefrontal cortex". *Nature Neuroscience*, 2, pp. 1032-1037.
- ANDREWS-HANNA, J. R., SMALLWOOD, J. y SPRENG, R. N. (2014). "The default network and self-generated thought: Component processes, dynamic control, and clinical relevance". *Annals of the New York Academy of Sciences*, 1316(1), pp. 29-52.
- ANOKHIN, A. P., GRANT, J. D., MULLIGAN, R. C. y HEATH, A. C. (2015). "The genetics of impulsivity: Evidence for the heritability of delay discounting". *Biological Psychiatry*, 77(10), pp. 887-894.
- ANSARI, D., DE SMEDT, B. y GRABNER, R. H. (2012). "Neuroeducation—a critical overview of an emerging field". *Neuroethics*, 5(2), pp. 105-117.
- ARMY INDIVIDUAL TEST BATTERY (1944). *Manual of directions and scoring*. Washington DC: War Department Adjutant General's Office.
- ARNDT, S. y TAYLOR, P. (2007). "Commentary on 'Defining and Measuring «Recovery»'". *Journal of Substance Abuse Treatment*, 33(3), pp. 275-276.
- ARNSTEN, A. F. T. (2009). "Stress signalling pathways that impair prefrontal cortex structure and function". *Nature Reviews Neuroscience*, 10, pp. 410-422.
- ARON, A., FISHER, H., MASHEK, D. J., STRONG, G., LI, H. y BROWN, L. L. (2005). "Reward, Motivation, and Emotion Systems Associated With Early-Stage Intense Romantic Love". *Neurophysiology*, 94, pp. 327-337.
- ARGYRIOU, E., UM, M., CARRON, C. y CYDERS, M. A. (2018). "Age and impulsive behavior in drug addiction: A review of past research and future directions". *Pharmacology Biochemistry and Behavior*, 164, pp. 106-117.

## Referencias bibliográficas

- ATKINSON, R. C. y SHIFFRIN, R. M. (1968). "Human memory. A proposed system and its control processes". En SPENCE, K. W. y SPENCE, J. T. (eds.), *The psychology of learning and motivation*, vol. 2. New York: Academic Press, pp. 89-195.
- AULINAS, A., SANTOS, A., VALASSI, E., MATO, E., CRESPO, I., RESMINI, E. y WEBB, S. M. (2013). "Telomeres, aging and Cushing's syndrome: Are they related?". *Endocrinología y Nutrición*, 60(6), pp. 329-35.
- BADDELEY, A. (1986). *Working memory*. London: Clarendon Press.
- BADDELEY, A. y HITCH, G. (1974). "Working memory". En BROWER, G. A. (ed.), *The psychology of learning and cognition*. New York: Academic Press.
- BADDELEY, A., DELLA SALA, S., GRAY, C., PAPAGNO, C. y SPINNLER, H. (1997). "Testing central executive functioning with a pencil and paper test". En RABBITT, P. (ed.), *Methodology of frontal and executive function*. Hove: Psychology Press, pp. 61-80.
- BALDACCHINO, A., BALFOUR, D. J. K., PASSETTI, F., HUMPHRIS, G. y MATTHEWS, K. (2012). "Neuropsychological consequences of chronic opioid use: A quantitative review and meta-analysis". *Neuroscience and Biobehavioral Reviews*, 36, pp. 2056-2068.
- BANKS, S. J., EDDY, K. T., ANGSTADT, M., NATHAN, P. J. y PHAN, K. L. (2007). "Amygdala-frontal connectivity during emotion regulation". *Social Cognitive and Affective Neuroscience*, 2(4), pp. 303-312.
- BARBAS, H. (2000). "Connections underlying the synthesis of cognition, memory and emotion in primate prefrontal cortices". *Brain Research Bulletin*, 52(5), pp. 319-330.
- BARON-COHEN, S. (2000). "Theory of mind and autism. A fifteen year review". En BARON-COHEN, S., TALER-FLUSBERG, H. y COHEN, D. J. (eds.), *Understanding other minds. Perspectives from developmental cognitive neuroscience* (2ª ed). New York: Oxford University Press.
- BARON-COHEN, S., LESLIE, A. M. y FRITH, U. (1985). "Does the autistic child have a 'theory of mind'?". *Cognition*, 21, pp. 37-46.
- BARON-COHEN, S., WHEELWRIGHT, S., HILL, J., RASTE, Y. y PLUMB, I. (2001). "The 'reading the mind in the eyes' test revised version: A study with normal adults, and adults with Asperger syndrome or high-functioning autism". *Journal of Child Psychology and Psychiatry*, 42, pp. 241-251.
- BARTSCH, A. J., HOMOLA, G., BILLER, A., SMITH, S. M., WEIJERS, H. G., WIESBECK, G. A. y BENDSZUS, M. (2007). "Manifestations of early brain recovery associated with abstinence from alcoholism". *Brain*, 130(1), pp. 36-47.
- BATES, M. E., BUCKMAN, J. F. y NGUYEN, T. T. (2013). "A role for cognitive rehabilitation in increasing the effectiveness of treatment for alcohol use disorders". *Neuropsychology Review*, 23(1), pp. 27-47.
- BECHARA, A. y DAMASIO, H. (2002). "Decision-making and addiction (part I): Impaired activation of somatic states in substance dependent individuals when pondering decisions with negative future consequences". *Neuropsychologia*, 40(10), pp. 1675-1689.

- BECHARA, A., DAMASIO, A. R., DAMASIO, H. y ANDERSON, S. W. (1994). “Insensitivity to future consequences following damage to human prefrontal cortex”. *Cognition*, 5, pp. 7-15.
- BECHARA, A., DAMASIO, H., DAMASIO, A. R. (2000). “Emotion, decision – making and the orbitofrontal cortex”. *Cerebral Cortex*, 10, pp. 295-307.
- BECHARA, A., DOLAN, S. y HINDES, A. (2002). “Decision-making and addiction (part II): Myopia for the future or hypersensitivity to reward?”. *Neuropsychologia*, 40, pp. 1690-1705.
- BECHARA, A., TRANEL, D. y DAMASIO, H. (2000). “Characterization of the decision-making deficit of patients with ventromedial prefrontal cortex lesions”. *Brain*, 123(11), pp. 2189-2202.
- BECOÑA IGLESIAS, E. (2010). “Epidemiología del juego patológico”. En ECHEBURÚA, E., BECOÑA, E., LABRADOR, F. J. y GAUDIUM, F. *El juego patológico: avances en la clínica y en el tratamiento*. Madrid: Pirámide, pp. 41-57.
- BECOÑA IGLESIAS, E., CORTÉS TOMÁS, M. T., PEDRERO-PÉREZ, E. J., FERNÁNDEZ HERMIDA, J. R., FERNÁNDEZ, L. C., BERMEJO GONZÁLEZ, M. P. y TOMÁS GRADOLÍ, V. (2008). *Guía clínica de intervención psicológica en adicciones*. Valencia: Socidrogalcohol.
- BEHRMAN, A. L., BOWDEN, M. G. y NAIR, P. M. (2006). “Neuroplasticity after spinal cord injury and training: An emerging paradigm shift in rehabilitation and walking recovery”. *Physical Therapy*, 86(10), pp. 1406-1425.
- BELL, M. D., LAWS, H. B. y PETRAKIS, I. B. (2017). “A randomized controlled trial of cognitive remediation and work therapy in the early phase of substance use disorder recovery for older veterans: Neurocognitive and substance use outcomes”. *Psychiatric Rehabilitation Journal*, 40(1), pp. 94-102.
- BELL, M. D., VISSICCHIO, N. A. y WEINSTEIN, A. J. (2016). “Visual and verbal learning deficits in Veterans with alcohol and substance use disorders”. *Drug & Alcohol Dependence*, 159, pp. 61–65.
- BENEDET, M. J. y ALEJANDRE, M. A. (1998). *Test de Aprendizaje Verbal España Complutense (TAVEC)*. Madrid: Publicaciones de Psicología Aplicada.
- BENTON, A. L. (1974). *Revised visual retention test: Clinical and experimental applications*. New York: The Psychological Corporation.
- BENTON, A. L. y HAMSHER. K. (1976). *Multilingual Aphasia Examination*. Iowa City: University of Iowa Press.
- BERRIDGE, K. C. y ROBINSON, T. E. (2016). “Liking, wanting, and the incentive-sensitization theory of addiction”. *American Psychologist*, 71, pp. 670-679.
- BESSETTE, K. L., JENKINS, L. M., SKERRETT, K. A., GOWINS, J. R., DELDONNO, S. R., ZUBIETA, J. K. y LANGENECKER, S. A. (2018). “Reliability, convergent validity and time invariance of default mode network deviations in early adult Major Depressive Disorder”. *Frontiers in Psychiatry*, 9, p. 244.

## Referencias bibliográficas

- BETTY FORD INSTITUTE CONSENSUS PANEL (2007). "What is recovery? A working definition from the Betty Ford Institute". *Journal of Substance Abuse Treatment*, 33(3), pp. 221-228.
- BIDDLE, S. J. H. y ASARE, M. (2011). "Physical activity and mental health in children and adolescents: A review of reviews". *British Journal of Sports Medicine*, 45, pp. 886-895.
- BIERMAN, K. M., DOMITROVICH, C. E., NIX, R. L., GEST, S. D., WELSH, J. A., GREENBERG, M. T. y GILL, S. (2008). "Promoting academic and social-emotional school readiness: The Head Start REDI program". *Child Development*, 79(6), pp. 1802-1817.
- BIERMAN, K. L., NIX, R. L., HEINRICHS, B. S., DOMITROVICH, C. E., GEST, S. D., WELSH, J. A. y GILL, S. (2014). "Effects of Head Start REDI on children's outcomes 1 year later in different kindergarten contexts". *Child Development*, 85(1), pp. 140-159.
- BILLIEUX, J., GAY, P., ROCHAT, L., KHAZAL, Y., ZULLINO, D. y VAN DER LINDEN, M. (2010). "Lack of inhibitory control predicts cigarette smoking dependence: Evidence from a non-deprived sample of light to moderate smokers". *Drug & Alcohol Dependence*, 112, pp. 164-167.
- BOROD, J. C. (1992). "Interhemispheric and intrahemispheric control of emotion: A focus on unilateral brain damage". *Journal of Consult Clinical Psychology*, 60, pp. 339-48.
- BOWEN, S., WITKIEWITZ, K., CLIFASEFI, S. L., GROW, J., CHAWLA, N., HSU, S. H. y LARIMER, M. E. (2014). "Relative efficacy of mindfulness-based relapse prevention, standard relapse prevention, and treatment as usual for substance use disorders: A randomized clinical trial". *JAMA Psychiatry*, 71(5), pp. 547-556.
- BRAND, M., FUJIWARA, E., BORSUTZKY, S., KALBE, E., KESSLER, J. y MARKOWITSCH, H. J. (2005a). "Decision-making deficits of Korsakoff patients in a new gambling task with explicit rules: Associations with executive functions". *Neuropsychology*, 19, pp. 267-277.
- BRAND, M., KALBE, E., LABUDDA, K., FUJIWARA, E., KESSLER, J. y MARKOWITSCH, H. J. (2005). "Decision-making impairments in patients with pathological gambling". *Psychiatry Research*, 133, pp. 91-99.
- BREDESEN, D. E. (2014). "Reversal of cognitive decline: A novel therapeutic program". *Aging*, 6(9), pp. 707-717.
- BRICKENKAMP, R. (2012). *The d2 test of attention*. Madrid: TEA
- BRICKENKAMP, R. y ZILLMER, E. (1998). *The d2 test of attention*. Oxford: Hogrefe & Huber Publishers.
- BRODSKY, B. S., OQUENDO, M., ELLIS, S. P., HAAS, G. L., MALONE, K. M. y MANN, J. J. (2001). "The relationship of childhood abuse to impulsivity and suicidal behavior in adults with major depression". *American Journal of Psychiatry*, 158(11), pp. 1871-1877.
- BROWN, L., SHERBENOU, R. J. y JOHNSEN, S. K. (1999). *Test de inteligencia no verbal TONI-2*. Madrid: TEA Ediciones.

- BROWN, R. A., ABRANTES, A. M., READ, J. P., MARCUS, B. H., JAKICIC, J., STRONG, D. R. y DUBREUIL, M. E. (2010). "A pilot study of aerobic exercise as an adjunctive treatment for drug dependence". *Mental Health and Physical Activity*, 3(1), pp. 27-34.
- BROZOSKI, T., BROWN, R. M., ROSVOLD, H. E. y GOLDMAN, P. S. (1979). "Cognitive deficit caused by regional depletion of dopamine in prefrontal cortex of rhesus monkey". *Science*, 205, pp. 929-931.
- BURGESS, P. W. y SHALLICE, T. (1997). *The Hayling and Brixton Tests*. Thurston, Suffolk: Thames Valley Test Company.
- BURGESS, P. W., ALDERMAN, N., EVANS, J., EMSLIE, H. y WILSON, B. (1998). "The ecological validity of tests of executive function". *Journal of International Neuropsychological Society*, 4, pp. 547-58.
- BUSCHKE, H. (1984). "Cued recall in amnesia". *Journal of Clinical and Experimental Neuropsychology*, 6, pp. 433-440.
- CAIRNS, E. D. y CAMMOCK, J. (1978). MFF-20. *Test de Emparejamiento de Figuras Conocidas*. Madrid: TEA Ediciones.
- CALABRIA, B., DEGENHARDT, L., BRIEGLEB, C., VOS, T., HALL, W., LYNSKEY, M., y MCLAREN, J. (2010). "Systematic review of prospective studies investigating 'remission' from amphetamine, cannabis, cocaine or opioid dependence. *Addictive Behaviors*, 35(8), pp. 741-749.
- CAMERON, H. A. y GLOVER, L. R. (2015). "Adult neurogenesis: Beyond learning and memory". *Annual Review of Psychology*, 66, pp. 53-81.
- CAMPBELL-MEIKLEJOHN, D. K., KANAI, R., BAHRAMI, B., BACH D. R., DOLAN, R. J., ROEPSTORFF, A. y FRITH, C. D. (2012). "Structure of orbitofrontal cortex predicts social influence". *Current Biology*, 22(4), pp. 123-124.
- CAMPOS, M. W., SEREBRISKY, D. y CASTALDELLI-MAIA, J. M. (2017). "Smoking and Cognition". *Current Drug Abuse Review*, 9(2), pp. 76-79.
- CANLI, T. (2004). "Functional brain mapping of extraversion and neuroticism: Learning from individual differences in emotion Processing". *Journal of Personality*, 72, pp. 1105-1132.
- CARBALLO, J. L., FERNÁNDEZ-HERMIDA, J. R., SECADES-VILLA, R., SOBELL, L. C., DUM, M. y GARCÍA-RODRÍGUEZ, O. (2007). "Natural recovery from alcohol and drug problems: A methodological review of the literature from 1999 through 2005". En KLINGEMANN, H. y CARTER SOBELL, L. *Promoting self-change from addictive behaviors*. New York: Springer, pp. 87-101.
- CARMONA PERERA, M., MOLINA-FERNÁNDEZ, A. y PÉREZ GARCÍA, M. (2012). "Juicios morales en drogodependencias". *Trastornos Adictivos*, 14(1), pp. 21-26.
- CARMONA-PERERA, M., CARACUEL, A., VERDEJO-GARCÍA, A. y PEREZ-GARCÍA, M. (2013). "Adaptación a la población española de un instrumento de juicios morales: la batería de dilemas morales de Moore". *Anales de Psicología*, 29(3), pp. 827-835.

Referencias bibliográficas

- CATELL, R. B., CATTELL, A. K. S y WEISS, R. H. (2006). *Test de inteligencia no verbal revisado*. Madrid: TEA Ediciones.
- CHARIL, A., LAPLANTE, D. P., VAILLANCOURT, C. y KING, S. (2010). "Prenatal stress and brain development". *Brain Research Review*, 65(1), pp. 56-79.
- CHEETHAM, A., ALLEN, N. B., WHITTLE, S., SIMMONS, J., YÜCEL, M. y LUBMAN, D. I. (2014). "Volumetric differences in the anterior cingulate cortex prospectively predict alcohol-related problems in adolescence". *Psychopharmacology*, 231(8), pp. 1731-1742.
- CHIESA, A. y SERRETTI, A. (2014). "Are mindfulness-based interventions effective for substance use disorders? A systematic review of the evidence". *Substance Use & Misuse*, 49(5), pp. 492-512.
- CHOW, T. W. y CUMMINGS, J. L. (1999). "Frontal-subcortical circuits". En MILLER, B. L. y CUMMINGS, J. L. (eds.), *The human frontal lobes. Functions and disorders*. New York: The Guilford Press.
- CLAYTON, R. R. (1992). "Transitions in drug use: Risk and protective factors". En GLANTZ, M. D. y PICKENS, R. W. (eds.), *Vulnerability to drug abuse*. Washington, DC: American Psychological Association, pp. 15-51.
- CLEMENSON, G. D., DENG, W. y GAGE, F. H. (2015). "Environmental enrichment and neurogenesis: From mice to humans". *Current Opinion in Behavioral Sciences*, 4, pp. 56-62.
- COLINA, F. (2014). *Sobre la locura*. Valladolid: Cuatro Ediciones.
- COLLINS, S. E. y WITKIEWITZ, K. (2013). "Abstinence violation effect". En *Encyclopedia of behavioral medicine*. New York: Springer, pp. 8-9.
- COLOMBETTI, G. (2008). "The somatic marker hypotheses, and what the Iowa Gambling Task does and does not show". *British Journal for the Philosophy of Science*, 59(1), pp. 51-71.
- COLZATO, L. S., HUIZINGA, M. y HOMMEL, B. (2009). "Recreational cocaine polydrug use impairs cognitive flexibility but not working memory". *Psychopharmacology*, 227, pp. 225-34.
- COPERSINO, M. L., FALS-STEWART, W., FITZMAURICE, G., SCHRETLEN, D. J., SOKOLOFF, J. y WEISS, R. D. (2009). "Rapid cognitive screening of patients with substance use disorders". *Experimental and Clinical Psychopharmacology*, 17, pp. 337-344.
- COUTINHO, J. F., FERNANDES, S. V., SOARES, J. M., MAIA, L., GONÇALVES, O. F. y SAMPAIO, A. (2016). "Default mode network dissociation in depressive and anxiety states". *Brain Imaging and Behavior*, 10(1), pp. 147-157.
- COWAN, N. (1988). "Evolving conceptions of memory storage, selective attention, and their mutual constraints within the human information processing system". *Psychological Bulletin*, 104, pp. 163-191.
- CREWS, F. T. y NIXON, K. (2008). "Mechanisms of neurodegeneration and regeneration in alcoholism". *Alcohol & Alcoholism*, 44(2), pp. 115-127.

- CRICK, F. (1994). *The astonishing hypothesis: The scientific search for the soul*. New York: Scribners.
- CRISTEA, I. A., GENTILI, C., COTET, C. D., PALOMBA, D., BARBUI, C. y CUIJPERS, P. (2017). “Efficacy of psychotherapies for borderline personality disorder: A systematic review and meta-analysis”. *JAMA Psychiatry*, 74(4), pp. 319-328.
- DAHL, C. J., LUTZ, A. y DAVIDSON, R. J. (2015). “Reconstructing and deconstructing the self: Cognitive mechanisms in meditation practice”. *Trends in Cognitive Sciences*, 19(9), pp. 515-523.
- DAMASIO, A. R. (1994). *Descartes' error: Emotion, reason and the human brain*. New York: Putnam's Sons.
- DAMASIO, A. R. (1997). “Towards a neuropathology of emotion and mood”. *Nature*, 386, pp. 769-770.
- DAMASIO, A. R. y VAN HOESEN, G. W. (1984). “Emotional disturbances associated with focal lesions of the limbic frontal lobe”. En Heilman, K. M. y Satz, P. (eds.), *Neuropsychology of human emotion*. New York: Guilford Press.
- DAMASIO, H., GRABOWSKI, T., FRANK, R., GALABURDA, A. M. y DAMASIO, A. R. (1994). “The return of Phineas Gage: Clues about the brain from the skull of a famous patient”. *Science*, 264, pp. 1102-1105.
- DARKE, S., McDONALD, S., KAYE, S. y TOROK, M. (2012). “Comparative patterns of cognitive performance amongst opioid maintenance patients, abstinent opioid users and non-opioid users”. *Drug and Alcohol Dependence*, 126(3), pp. 309-315.
- DAVIS, J. P., BERRY, D., DUMAS, T. M., RITTER, E., SMITH, D. C., MENARD, C. y ROBERTS, B. W. (2018). “Substance use outcomes for mindfulness based relapse prevention are partially mediated by reductions in stress: Results from a randomized trial”. *Journal of Substance Abuse Treatment*, 91, pp. 37-48.
- DECETY, J y MICHALSKA, K. (2010). “Neurodevelopmental changes in the circuits underlying empathy and sympathy from childhood to adulthood”. *Developmental Science*, 13(1), pp. 886–899.
- DEGENHARDT, L., DIERKER, L., CHIU, W. T., MEDINA-MORA, M. E., NEUMARK, Y., SAMPSON, N. y DE GIROLAMO, G. (2010). “Evaluating the drug use ‘gateway’ theory using cross-national data: Consistency and associations of the order of initiation of drug use among participants in the WHO World Mental Health Surveys”. *Drug and Alcohol Dependence*, 108(1-2), pp. 84-97.
- DELIS, D. C., KRAMER, J. H., KAPLAN, E. y OBER, B. A. (1987). *CVLT, California Verbal Learning Test: Adult Version: Manual*. Psychological Corporation.
- DEONI, S. C., DEAN, D. C., PIRYATINSKY, I., O’MUIRCHARTAIGH, J., WASKIEWICZ, N., LEHMAN, K., HAN, M. y DIRKS, H. (2013). “Breastfeeding and early white matter development: A cross-sectional study”. *Neuroimage*, 82, pp. 77-86.
- DE VIBE, M. F., BJØRNDAL, A., FATTAH, S., DYRDAL, G. M., HALLAND, E. y TANNER-SMITH,



- E. E. (2017). "Mindfulness-based stress reduction (MBSR) for improving health, quality of life and social functioning in adults: a systematic review and meta-analysis". *Campbell Collaboration*; DOI: 10.4073/CSR.2017.11.
- DIAS, R., ROBBINS, T. W. y ROBERTS, A. C. (1996). "Dissociation in prefrontal cortex of affective and attentional shifts". *Nature*, 380, pp. 69-72.
- DODGE, K., KRANTZ, B. y KENNY, P. J. (2010). "How can we begin to measure recovery?". *Substance Abuse Treatment, Prevention, and Policy*, 5(1), p. 31.
- DOMÍNGUEZ-MARTÍN, A. L., MIRANDA-ESTRIBÍ, M. D., PEDRERO-PÉREZ, E. J., PÉREZ-LÓPEZ, M. y PUERTA-GARCÍA, C. (2008). "Estudio de las causas de abandono del tratamiento en un centro de atención a drogodependientes". *Trastornos Adictivos*, 10(2), pp. 112-120.
- DONG, G., DEVITO, E. E., DU, X. y CUI, Z. (2012). "Impaired inhibitory control in 'internet addiction disorder': A functional magnetic resonance imaging study". *Psychiatry Research: Neuroimaging*, 203(2-3), pp. 153-158.
- DONG, G., LU, Q., ZHOU, H. y ZHAO, X. (2010). "Impulse inhibition in people with Internet addiction disorder: Electrophysiological evidence from a Go/NoGo study". *Neuroscience Letters*, 485(2), pp. 138-142.
- DRIEMEYER, J., BOYKE, J., GASER, C., BÜCHEL, C. y MAY, A. (2008). "Changes in gray matter induced by learning-revisited". *PLoS One*, 3(7), e2669.
- DUBOIS, B., SLACHEVSKY, A., LITVAN, I. y PILLON, B. (2000). "The FAB: A Frontal Assessment Battery at bedside". *Neurology*, 55, pp. 1621-1626.
- DUCCI, F. y GOLDMAN, D. (2012). "The genetic basis of addictive disorders". *Psychiatric Clinics*, 35(2), pp. 495-519.
- DUNCAN, D. F. y GOLD, R. S. (1982). *Drugs and the whole person*. New York: John Wiley & Sons.
- EL MARROUN, H., BROWN, Q. L., LUND, I. O., COLEMAN-COWGER, V. H., LOREE, A. M., CHAWLA, D. y WASHIO, Y. (2018). "An epidemiological, developmental and clinical overview of cannabis use during pregnancy". *Preventive Medicine*, 116, pp. 1-5.
- ELISON, S., DAVIES, G. y WARD, J. (2016). "Initial development and psychometric properties of a new measure of substance use disorder 'recovery progression': The Recovery Progression Measure (RPM)". *Substance Use & Misuse*, 51(9), pp. 1195-1206.
- ELISON, S., DUGDALE, S., WARD, J. y DAVIES, G. (2017). "The Rapid Recovery Progression Measure: A Brief Assessment of Biopsychosocial Functioning During Substance Use Disorder Recovery". *Substance Use & Misuse*, 52(9), pp. 1154-1163.
- ELOSÚA, M.R., GUTIÉRREZ, F., GARCÍA MADRUGA, J. A., LUQUE, J. L. y GÁRATE, M. (1996). "Adaptación española del 'reading span test' de Daneman y Carpenter". *Psicothema*, 8, pp. 383-395.
- ENDE, G., WELZEL, H., WALTER, S., WEBER-FAHR, W., DIEHL, A., HERMANN, D. y MANN, K. (2005). "Monitoring the effects of chronic alcohol consumption and abstinence on brain metabolism: A longitudinal proton magnetic resonance spectroscopy study".

*Biological Psychiatry*, 58(12), pp. 974-980.

- EPEL, E. S., BLACKBURN, E. H., LIN, J., DHABHAR, F. S., ADLER, N. E., MORROW, J. D. y CAWTHON, R. M. (2004). "Accelerated telomere shortening in response to life stress". *Proceedings of the National Academy of Sciences*, 101, pp. 17312-17315.
- ERICKSON, C. K. y WHITE, W. L. (2009). "The neurobiology of addiction recovery". *Alcoholism Treatment Quarterly*, 27(3), pp. 338-345.
- ERSCHE, K. D., JONES, P. S., WILLIAMS, G. B., TURTON, A. J., ROBBINS, T. W. y BULLMORE, E. T. (2012). "Abnormal brain structure implicated in stimulant drug addiction". *Science*, 335(6068), pp. 601-604.
- ERSCHE, K. D., WILLIAMS, G. B., ROBBINS, T. W. y BULLMORE, E. T. (2013). "Meta-analysis of structural brain abnormalities associated with stimulant drug dependence and neuroimaging of addiction vulnerability and resilience". *Current Opinion in Neurobiology*, 23(4), pp. 615-624.
- ERNST, M. y FUDGE, J. L. (2009). "A developmental neurobiological model of motivated behavior: Anatomy, connectivity and ontogeny of the triadic nodes". *Neuroscience & Biobehavioral Reviews*, 33(3), pp. 367-382.
- ESCOHOTADO, A. (1989). *Historia de las drogas*, vols. 1-3. Madrid: Alianza Editorial.
- EUSER, A. S., EVANS, B. E., GREAVES-LORD, K., HUIZINK, A. C. y FRANKEN, I. H. A. (2013). "Diminished error-related brain activity as a promising endophenotype for substance-use disorders: Evidence from high-risk offspring". *Addiction Biology*, 18, pp. 970-984.
- EVERITT, B. J. y ROBBINS, T. W. (2005). "Neural systems of reinforcement for drug addiction: From actions to habits to compulsion". *Nature Neuroscience*, 8, pp. 1481-1489.
- EVERITT, B. J. y ROBBINS, T. W. (2013). "From the ventral to the dorsal striatum: Diverging views of their roles in drug addiction". *Neuroscience and Biobehavioral Reviews*, 37, pp. 1946-1954.
- EVERITT, B. J. y ROBBINS, T. W. (2016). "Drug addiction: Updating actions to habits to compulsions ten years on". *Annual Review of Psychology*, 67, pp. 23-50.
- FALS-STEWART, W. y LAM, W. K. K. (2010). "Computer-assisted cognitive rehabilitation for the treatment of patients with substance use disorders: A randomized clinical trial". *Experimental and Clinical Psychopharmacology*, 18(1), pp. 87-98.
- FEIN, G. y MCGILLIVRAY, S. (2007). "Cognitive performance in long term abstinent elderly alcoholics". *Alcoholism: Clinical and Experimental Research*, 31(11), pp. 1788-1799.
- FEIN, G., TORRES, J., PRICE, L. J. y DI SCLAFANI, V. (2006). "Cognitive performance in long-term abstinent alcoholic individuals". *Alcoholism: Clinical and Experimental Research*, 30(9), pp. 1538-1544.
- FELLOWS, L. K. y FARAH, M. J. (2007). "The role of ventromedial prefrontal cortex in decision making: judgment under uncertainty or judgment per se?". *Cerebral Cortex*, 17(11), pp. 2669-2674.
- FERNÁNDEZ, T., RÍOS, C., SANTOS, S., CASADEVALL, T., TEJERO, C., LÓPEZ-GARCÍA, E. y

- PASCUAL, L. F. (2002). “‘Cosas en una casa’, una tarea alternativa a ‘animales’ en la exploración de la fluidez verbal semántica: estudio de validación”. *Revista de Neurología*, 35, pp. 520-523.
- FERNÁNDEZ-SERRANO, M. J., PÉREZ-GARCÍA, M. y VERDEJO-GARCÍA, A. (2011). “What are the specific vs. generalized effects of drugs of abuse on neuropsychological performance?”. *Neuroscience & Biobehavioral Reviews*, 35(3), pp. 377-406.
- FISHBEIN, D. H., KRUPITSKY, E., FLANNERY, B. A., LANGEVIN, D. J., BOBASHEV, G., VERBITSKAYA, E. y TSOY, M. (2007). “Neurocognitive characterizations of Russian heroin addicts without a significant history of other drug use”. *Drug and Alcohol Dependence*, 90, pp. 25-38.
- FISHER, H. E., BROWN, L. L., ARON, A., STRONG, G. y MASHEK, D. (2010). “Reward, Addiction, and emotion regulation systems associated with rejection in love”. *Journal of Neurophysiology*, 104, pp. 51-60.
- FISHER, H., ARON, A. y BROWN, L. L. (2005). “Romantic Love: An fMRI Study of a Neural Mechanism for Mate Choice”. *Journal of Comparative Neurology*, 493, pp. 58-62.
- FOLKMAN, S. y MOSKOWITZ, J. T. (2000). Stress, positive emotion, and coping. *Current Directions in Psychological Science*, 9(4), 115-118.
- FOLKMAN, S. y MOSKOWITZ, T. (2003). “Coping: Pitfalls and promise”. *Annual Review of Psychology*, 55, pp. 745-774.
- FRANCO, M. A., ORIHUELA, T., BUENO, Y. y CID, T. (2000). *Programa Gradior: herramienta de rehabilitación cognitiva por ordenador*. Zamora: ED INTRAS.
- FREY, S., KOSTOPOULOUS, P., PETRIDES, M. (2000). “Orbitofrontal involvement in the processing of unpleasant auditory information”. *European Journal of Neuroscience*, 2, pp. 3709-3712.
- FREY, S. y PETRIDES, M. (2000). “Orbitofrontal cortex: A key prefrontal region for encoding information”. *Proceedings of the National Academy Of Sciences of the United States of America*, 97, pp. 8723-8727.
- FRÍAS-TORRES, C., MORENO-ESPAÑA, J., ORTEGA, L., BARRIO, P., GUAL, A. y LÓPEZ, L. T. (2018). “Terapia de rehabilitación cognitiva en pacientes con trastorno por consumo de alcohol y trastorno neurocognitivo”. Estudio piloto. *Adicciones*, 30(2), pp. 93-100.
- FU, M. y ZUO, Y. (2011). “Experience-dependent structural plasticity in the cortex”. *Trends in Neurosciences*, 34(4), pp. 177-187.
- GABRIEL, M., SPARENBOG, S. P. y STOLAR, N. (1986). “An executive function of the hippocampus: Pathway selection for thalamic neuronal significance code”. En ISAACSON, R. L. y PRIBRAM, K. H. (eds.), *The hippocampus*, vol. 4. New York: Plenum Press.
- GHASEMI, A., EFTEKHARI ARDEBILI, M., FOROSHANI RAHIMI, A., TOL, A. y TAGHDISI, M. H. (2013). “Effect of empowerment based intervention program on promoting lifestyle among methamphetamine addict and their families compare with non-addicts”. *World Applied Sciences Journal*, 22(2), pp. 270-275.
- GALETTO, V. y SACCO, K. (2017). “Neuroplastic changes induced by cognitive rehabili-

- tation in traumatic brain injury: A review". *Neurorehabilitation and Neural Repair*, 31(9), pp. 800-813.
- GANZER, F., BRÖNING, S., KRAFT, S., SACK, P. M. y THOMASIU, R. (2016). "Weighing the evidence: A systematic review on long-term neurocognitive effects of cannabis use in abstinent adolescents and adults". *Neuropsychology Review*, 26(2), pp. 186-222.
- GARCIA, H. S., REULA, L. M., FERNANDEZ, A. P., SANCHEZ, V. P., LOPEZ, N. O., HEREDERO, E. M. y PARREÑO, M. M. (2017). "Nootropics: Emergents drugs associated with new clinical challenges". *European Psychiatry*, 41, S877-S878.
- GARCÍA-ALBEA, J. E. (2011). "Usos y abusos de lo 'neuro'". *Revista de Neurología*, 52(10), pp. 577-580.
- GARLAND, E. L. y HOWARD, M. O. (2018). "Mindfulness-based treatment of addiction: Current state of the field and envisioning the next wave of research. *Addiction Science & Clinical Practice*, 13(1), p. 14.
- GARLAND, E., FARB, N., GOLDIN, P. R. y FREDRICKSON, B. (2017). "Mindfulness-to-Meaning Theory-Mindfulness Broadens Awareness and Builds Eudaimonic Meaning: A Process Model of Mindful Positive Emotion Regulation". *Psychological Inquiry*, 26(4), pp. 293-314.
- GENG, X., HU, Y., GU, H., SALMERON, B. J., ADINOFF, B., STEIN, E. A. y YANG, Y. (2017). "Salience and default mode network dysregulation in chronic cocaine users predict treatment outcome". *Brain*, 140(5), pp. 1513-1524.
- GIFFORD, E. y HUMPHREYS, K. (2007). "The psychological science of addiction". *Addiction*, 102(3), pp. 352-361.
- GOLDEN, C. J. (2005). *Test de colores y palabras (Stroop)*. Madrid: TEA.
- GOLDMAN, M. S. (1990). "Experience-dependent neuropsychological recovery and the treatment of chronic alcoholism". *Neuropsychology Review*, 1(1), pp. 75-101.
- GOLDMAN-RAKIC, P. S. (1998). "The prefrontal landscape: Implications of functional architecture for understanding human mentation and the central executive". En ROBERTS, A. C., ROBBINS, T. W. y WEISKRANTZ, L. (eds.), *The frontal cortex: Executive and cognitive functions*. New York: Oxford University Press.
- GOLDSTEIN, R. Z. y VOLKOW, N. D. (2002). "Drug addiction and its underlying neurobiological basis: Neuroimaging evidence for the involvement of the frontal cortex". *American Journal of Psychiatry*, 159, pp. 1642-1652.
- GONZALEZ, R., PACHECO-COLÓN, I., DUPERROUZEL, J. C. y HAWES, S. W. (2017). "Does Cannabis Use Cause Declines in Neuropsychological Functioning? A Review of Longitudinal Studies". *Journal of the International Neuropsychological Society*, 23, pp. 893-902.
- GOTINK, R. A., CHU, P., BUSSCHBACH, J. J., BENSON, H., FRICCHIONE, G. L. y HUNINK, M. M. (2015). "Standardised mindfulness-based interventions in healthcare: An overview of systematic reviews and meta-analyses of RCTs". *PloS One*, 10(4),

e0124344.

- GRACE, J. y MALLOY, P. F. (2001). *Frontal Systems Behavior Scale (FrSBe): Professional manual*. Lutz, FL: Psychological Assessment Resources.
- GRAFMAN, J. (1994). "Alternative frameworks for the conceptualization of prefrontal lobe functions". En BOLLER, F. y GRAFMAN, J. (eds.), *Handbook of neuropsychology*. Amsterdam: Elsevier Science, pp. 187-202.
- GRAFMAN, J., HOLYOAK, K. y BOLLER, F. (1995). *Structure and functions of the human prefrontal cortex*, vol. 769. New York: New York Academy Sciences.
- GRANT, I., GONZALEZ, R., CAREY, C. L., NATARAJAN, L. y WOLFSON, T. (2003). "Non-acute (residual) neurocognitive effects of cannabis use: A meta-analytic study". *Journal of the International Neuropsychological Society*, 9(5), pp. 679-689.
- GRANT, J. E. y CHAMBERLAIN, S. R. (2014). "Impulsive action and impulsive choice across substance and behavioral addictions: Cause or consequence?". *Addictive Behaviors*, 39(11), pp. 1632-1639.
- GREENBERG, M. T. (2006). "Promoting resilience in children and youth: Preventive interventions and their interface with neuroscience". *Annals of the New York Academy of Sciences*, 1094(1), pp. 139-150.
- GREICIUS, M. D., KRASNOW, B., REISS, A. L. y MENON, V. (2003). "Functional connectivity in the resting brain: A network analysis of the default mode hypothesis". *Proceedings of the National Academy of Sciences of the United States of America*, 100(1), pp. 253-258.
- GREVE, K. W. (2001). "The WCST-64: A Standardized Short-Form of the Wisconsin Card Sorting Test". *Clinical Neuropsychologist*, 15(2), pp. 228-234.
- GREWEN, K., BURCHINAL, M., VACHET, C., GOUTTARD, S., GILMORE, J. H., LIN, W. y GERIG, G. (2014). "Prenatal cocaine effects on brain structure in early infancy". *Neuroimage*, 101, pp. 114-123.
- GRIFFITHS, M. D. (2008). "The biopsychosocial and 'complex' systems approach as a unified framework for addiction". *Behavioral and Brain Sciences*, 31, pp. 446-447.
- GRUBER, S. A., SILVERI, M. M. y YURGELUN-TODD, D. A. (2007). "Neuropsychological consequences of opiate use". *Neuropsychology Review*, 17, pp. 299-315.
- GU, X., LOHRENZ, T., SALAS, R., BALDWIN, P. R., SOLTANI, A., KIRK, U. y MONTAGUE, P. R. (2015). "Belief about nicotine selectively modulates value and reward prediction error signals in smokers". *Proceedings of the National Academy of Sciences*, 112(8), pp. 2539-2544.
- GU, X., LOHRENZ, T., SALAS, R., BALDWIN, P. R., SOLTANI, A., KIRK, U. y MONTAGUE, P. R. (2016). "Belief about nicotine Modulates subjective craving and insula activity in Deprived smokers". *Frontiers in Psychiatry*, 7, p. 126.
- GU, J., STRAUSS, C., BOND, R. y CAVANAGH, K. (2015). "How do mindfulness-based cognitive therapy and mindfulness-based stress reduction improve mental health and

- wellbeing? A systematic review and meta-analysis of mediation studies”. *Clinical Psychology Review*, 37, pp. 1-12.
- GUNDEL, F., VON SPEE, J., SCHNEIDER, S., HAEUSSINGER, F. B., HAUTZINGER, M., ERB, M. y EHLIS, A. C. (2018). “Meditation and the brain. Neuronal correlates of mindfulness as assessed with near-infrared spectroscopy”. *Psychiatry Research: Neuroimaging*, 271, pp. 24-33.
- HAIR, N. L., HANSON, J. L., WOLFE, B. L. y POLLAK, S. D. (2015). “Association of child poverty, brain development, and academic achievement”. *JAMA Pediatrics*, 169(9), pp. 822-829.
- HALL, M. G., HAUSON, A. O., WOLLMAN, S. C., ALLEN, K. E., CONNORS, E. J., STERN, M. J. y GRANT, I. (2018). “Neuropsychological comparisons of cocaine versus methamphetamine users: A research synthesis and meta-analysis”. *American Journal of Drug and Alcohol Abuse*, 44(3), pp. 277-293.
- HALL, W. (2006). “Avoiding potential misuses of addiction brain science”. *Addiction*, 101(11), pp. 1529-1532.
- HALL, W., CARTER, A. y FORLINI, C. (2015). “The brain disease model of addiction: Is it supported by the evidence and has it delivered on its promises?”. *Lancet Psychiatry*, 2(1), pp. 105-110.
- HANNAN, A. J. (2014). “Environmental enrichment and brain repair: harnessing the therapeutic effects of cognitive stimulation and physical activity to enhance experience dependent plasticity”. *Neuropathology and Applied Neurobiology*, 40(1), pp. 13-25.
- HAPPÉ, F. G. (1994). “An advanced test of theory of mind: understanding of story characters’ thoughts and feelings by able autistic, mentally handicapped, and normal children and adults”. *Journal of Autism Developmental Disorders*, 24, pp. 129-54.
- HARAKEH, Z., DE SONNEVILLE, L., VAN DEN EIJNDEN, R. J., HUIZINK, A. C., REIJNEVELD, S. A., ORMEL, J. y VOLLEBERGH, W. A. (2012). “The association between neurocognitive functioning and smoking in adolescence: The TRAILS study”. *Neuropsychology*, 26(5), pp. 541-50.
- HARI, J. (2015). *Chasing the scream: The first and last days of the war on drugs*. New York: Bloomsbury. Edición en español: *Tras el grito*. Barcelona: Paidós, 2015.
- HEATON, R., CHELINE, G., TALLEY, J., KAY, G. y CURTISS, G. (1997). *Test de clasificación de tarjetas de Wisconsin*. Madrid: TEA Ediciones.
- HELLEMANS, K. G., SLIWOWSKA, J. H., VERMA, P. y WEINBERG J. (2010). “Prenatal alcohol exposure: Fetal programming and later life vulnerability to stress, depression and anxiety disorders”. *Neuroscience and Biobehavioral Reviews*, 34(6), pp. 791-807.
- HEYMAN, G. M. (2009). *Addiction: A Disorder of Choice*. Boston: Harvard University Press.
- HEYMAN, G. M. (2013). “Quitting drugs: Quantitative and qualitative features”. *Annual Review of Clinical Psychology*, 9, pp. 29-59.
- HILDEBRANDT, H., BROKATE, B., ELING, P. y LANZ, M. (2004). “Response shifting and inhibition, but not working memory, are impaired after long-term heavy alcohol con-

- sumption". *Neuropsychology*, 18(2), pp. 203-211.
- HÖBOLL, S. E. (2001). The influence of culture, community, and the nested-self in the stress process: advancing conservation of resources theory. *Applied Psychology*, 50(3), 337-421.
- HÖTTING, K. y RÖDER, B. (2013). "Beneficial effects of physical exercise on neuroplasticity and cognition". *Neuroscience & Biobehavioral Reviews*, 37(9), pp. 2243-2257.
- HOWARD, D. y PATTERSON, K. (1992). *Pyramids and palm trees: a test of semantic access from pictures and words*. Bury St. Edmunds. UK: Thames Valley Test Company.
- HUIZINK, A. C., MULDER, E. J., ROBLES DE MEDINA, P. G., VISSER, G. H. y BUITELAAR, J. K. (2004). "Is pregnancy anxiety a distinctive syndrome?". *Early Human Development*, 79, pp. 81-91.
- HUTTUNEN, M. O. y NISKANEN, P. (1978). "Prenatal loss of father and psychiatric disorders". *Archives of General Psychiatry*, 35(4), pp. 429-431.
- JARAMILLO ECHEVERRI, L. G. y AGUIRRE GARCÍA, J. C. (2004). "La Controversia Kuhn-Popper en torno al Progreso Científico y sus posibles aportes a la Enseñanza de las Ciencias". *Cinta Moebio*, 20, pp. 83-92.
- JEYNES, K. D. y GIBSON, E. L. (2017). "The importance of nutrition in aiding recovery from substance use disorders: A review". *Drug and Alcohol Dependence*, 179, pp. 229-239.
- JIANG, W., LI, G., LIU, H., SHI, F., WANG, T., SHEN, C. y SHEN, D. (2016). "Reduced cortical thickness and increased surface area in antisocial personality disorder". *Neuroscience*, 337, pp. 143-152.
- JONES-GOTMAN, M. (1990). "Presurgical psychological assessment in children: Special tests". *Journal of Epilepsy*, 3, pp. 93-102.
- JONES, B. y MISHKIN, M. (1972). "Limbic lesions and the problem of stimulus--reinforcement associations". *Experimental Neurology*, 36, pp. 362-77.
- JOSHI, G., ARNOLD ANTERAPER, S., PATIL, K. R., SEMWAL, M., GOLDIN, R. L., FURTA, S. L. y WHITFIELD-GABRIELI, S. (2017). "Integration and Segregation of Default Mode Network Resting-State Functional Connectivity in Transition-Age Males with High-Functioning Autism Spectrum Disorder: A Proof-of-Concept Study". *Brain Connectivity*, 7(9), pp. 558-573.
- KAHNEMAN, D. y TVERSKY, A. (1973). "The psychology of prediction". *Psychological Review*, 80(4), pp. 237-251.
- KALECHSTEIN, A. D., NEWTON, T. F. y GREEN, M. (2003). "Methamphetamine dependence is associated with neurocognitive impairment in the initial phases of abstinence". *Journal of Neuropsychiatry and Clinical Neurosciences*, 15, pp. 215-220.
- KERDILES, O., LAYÉ, S. y CALON, F. (2017). "Omega-3 polyunsaturated fatty acids and brain health: Preclinical evidence for the prevention of neurodegenerative diseases". *Trends in Food Science & Technology*, 69(B), pp. 203-213.

- KHAN, F., AMATYA, B., GALEA, M. P., GONZENBACH, R. y KESSELRING, J. (2017). “Neurorehabilitation: Applied neuroplasticity”. *Journal of Neurology*, 264(3), pp. 603-615.
- KIKYO, H., OHKI, K. y MIYASHITA, Y. (2002). “Neural correlates for-felling-of-Knowing: An fMRI parametric analysis”. *Neuron*, 36, pp. 177-186.
- KIM, K., MILNE, G. R. y BAHL, S. (2018). “Smart phone addiction and mindfulness: An intergenerational comparison”. *International Journal of Pharmaceutical and Healthcare Marketing*, 12(1), pp. 25-43.
- KIM, P., EVANS, G. W., ANGSTADT, M., HO, S. S., SRIPADA, C. S., SWAIN, J. E. y PHAN, K. L. (2013). “Effects of childhood poverty and chronic stress on emotion regulatory brain function in adulthood”. *Proceedings of the National Academy of Sciences*, 110(46), pp. 18442-18447.
- KINNEY, D. K., MILLER, A. M., CROWLEY, D. J., HUANG, E. y GERBER, E. (2008). “Autism prevalence following prenatal exposure to hurricanes and tropical storms in Louisiana”. *Journal of Autism and Developmental Disorders*, 38(3), pp. 481-488.
- KINNEY, D. K., MUNIR, K. M., CROWLEY, D. J. y MILLER, A. M. (2008). “Prenatal stress and risk for autism”. *Neuroscience and Biobehavioral Reviews*, 32(8), pp. 1519-1532.
- KLINGEMANN, H. y SOBELL, L. C. (eds.) (2007). *Promoting self-change from addictive behaviors: Practical implications policy, prevention, and treatment*. New York: Springer.
- KNYAZEV, G. G. (2013). “Extraversion and anterior vs. posterior DMN activity during self-referential thoughts”. *Frontiers in Human Neuroscience*, 6, p. 348.
- KOCH, S. (2015). “Addiction camps”. *BioCentury Innovations*, octubre 2015.
- KOLB, B. y WHISHAW, I. Q. (2006). *Neuropsicología humana*. Madrid: Médica Panamericana.
- KOOB, G. F., BUCK, C. L., COHEN, A., EDWARDS, S., PARK, P. E., SCHLOSBERG, J. E. y GEORGE, O. (2014). “Addiction as a stress surfeit disorder”. *Neuropharmacology*, 76, pp. 370-382.
- KOOB, G. F. y KREEK, M. J. (2007). “Stress, dysregulation of drug reward pathways, and the transition to drug dependence”. *American Journal of Psychiatry*, 164, pp. 1149-1159.
- KOOB, G. F., STINUS, L., LE MOAL, M. y BLOOM, F. E. (1989). “Opponent process theory of motivation: Neurobiological evidence from studies of opiate dependence”. *Neuroscience & Biobehavioral Reviews*, 13, pp. 135-140.
- KOOB, G. F. y VOLKOW, N. D. (2016). “Neurobiology of addiction: A neurocircuitry analysis”. *Lancet Psychiatry*, 3, pp. 760-773.
- KORKMAN, M., KIRK, U. y KEMP, S. L. (1998). *NEPSY. A developmental neuropsychological assessment*. San Antonio TX: The Psychological Corporation.
- KORPONAY, C., PUJARA, M., DEMING, P., PHILIPPI, C., DECETY, J., KOSSON y KOENIGS, M. (2017). “Impulsive-antisocial psychopathic traits linked to increased volume and functional connectivity within prefrontal cortex”. *Social Cognitive y Affective Neuroscience*, 12(7), pp. 1169-1178.
- KREEK, M. J., NIELSEN, D. A., BUTELMAN, E. R. y LAFORGE, K. S. (2005). “Genetic in-



- fluences on impulsivity, risk taking, stress responsivity and vulnerability to drug abuse and addiction". *Nature Neuroscience*, 8(11), pp. 1450-1457.
- KREPLIN, U., FARIAS, M. y BRAZIL, I. A. (2018). "The limited prosocial effects of meditation: A systematic review and meta-analysis". *Scientific Reports*, 8(1), p. 2403.
- KRINGELBACH, M. L. (2005). "The orbitofrontal cortex: Linking reward to hedonic experience". *Nature Reviews Neuroscience*, 6, pp. 691-702.
- KUSCHÉ, C. A. y GREENBERG, M. T. (1994). *The PATHS (Promoting Alternative Thinking Strategies) Curriculum*. South Deerfield, MA: Channing-Bete.
- KUYPERS, K. P. C., THEUNISSEN, E. L., VAN WEL, J. H. P., DE SOUSA FERNANDES PERNA, E. B., LINNSEN, A., SAMBETH y RAMAEKERS, J. G. (2016). "Verbal Memory Impairment in Polydrug Ecstasy Users: A Clinical Perspective". *PLoS ONE*, 11(2), e0149438.
- LAATSCH, L. K., THULBORN, K. R., KRISKY, C. M., SHOBAT, D. M. y SWEENEY, J. A. (2004). "Investigating the neurobiological basis of cognitive rehabilitation therapy with fMRI". *Brain Injury*, 18(10), pp. 957-974.
- LAIER, C., PAWLIKOWSKI, M. y BRAND, M. (2014). "Sexual picture processing interferes with decision-making under ambiguity". *Archives of Sexual Behaviour*, 43, pp. 473-482.
- LAKHAN, S. E. y VIEIRA, K. F. (2008). "Nutritional therapies for mental disorders". *Nutrition Journal*, 7(1), p. 2.
- LAWRENCE, A. J., LUTY, J., BOGDAN, N. A., SAHAKIAN, B. J. y CLARK, L. (2009a). "Problem gamblers share deficits in impulsive decision-making with alcohol-dependent individuals". *Addiction*, 104, pp. 1006-1015.
- LAWRENCE, A. J., LUTY, J., BOGDAN, N. A., SAHAKIAN, B. J. y CLARK, L. (2009b). "Impulsivity and response inhibition in alcohol dependence and problem gambling". *Psychopharmacology*, 207, pp. 163-172.
- LAZARUS, R. S. y FOLKMAN, S. (1987). "Transactional theory and research on emotions and coping". *European Journal of Personality*, 1, pp. 147-169.
- LEDoux, J. E. (1987). "Emotion". En PLUM, F. (ed.), *Handbook of Physiology. I: The Nervous System. Vol V, Higher Functions of the Brain*. Bethesda: American Physiological Society, pp. 419-460.
- LE MOAL, M., STINUS, L. y SIMON, H. (1979). "Increased sensitivity to (+)amphetamine self-administered by rats following meso-cortico-limbic dopamine neurone destruction". *Nature*, 280(5718), pp. 156-158.
- LEGER, M., PAIZANIS, E., DZAHINI, K., QUIEDEVILLE, A., BOUET, V., CASSEL, J. C. y BOULOUARD, M. (2014). "Environmental enrichment duration differentially affects behavior and neuroplasticity in adult mice". *Cerebral Cortex*, 25(11), pp. 4048-4061.
- LENDE, D. H. (2012). "Poverty poisons the brain". *Annals of Anthropological Practice*, 36(1), pp. 183-201.
- LENDE, S. H. y SMITH, E. O. (2002). "Evolution meets biopsychosociality: An analysis of addictive behavior". *Addiction*, 97, pp. 447-458.

- LEÓN-CARRIÓN, J. y BARROSO, J. M. (2001). “La Torre de Hanoi/Sevilla: una prueba para evaluar las funciones ejecutivas, la capacidad para resolver problemas y los recursos cognitivos”. *Revista Española de Neuropsicología*, 3, pp. 64-77.
- LESHNER, A. I. (1997). “Addiction Is a Brain Disease, and It Matters”. *Science*, 278(5335), pp. 45-47.
- LEWIS, M. (2015). *The biology of desire. Why addiction is not a disease*. New York: Public Affairs.
- LEWIS, M. (2017). “Addiction and the brain: Development, not disease”. *Neuroethics*, 10, pp. 7-18.
- LEZAK, M. D. (1982). The problem of assessing executive functions. *International Journal of Psychology*, 17(1-4), 281-297.
- LEZAK, M. D. (1995). *Neuropsychological assessment* (3.<sup>a</sup> ed.). New York: Oxford University Press.
- LEZAK, M. D., HOWIESON, D. B. y LORING, D. W. (2004). *Neuropsychological Assessment* (4.<sup>a</sup> ed.). New York: Oxford University Press.
- LI, R., YU, J., ZHANG, S., BAO, F., WANG, P., HUANG, X. y LI, J. (2013). “Bayesian network analysis reveals alterations to default mode network connectivity in individuals at risk for Alzheimer’s disease”. *PLoS One*, 8(12), e82104.
- LIPINA, S. J. y POSNER, M. I. (2012). “The impact of poverty on the development of brain networks”. *Frontiers in Human Neuroscience*, 6, p. 238.
- LLANERO-LUQUE, M., RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., OLIVAR-ARROYO, A., BOUSO-SAIZ, J. C., ROJO-MOTA, G. y PUERTA-GARCÍA, C. (2008). “Síntomatología disejecutiva en adictos a sustancias en tratamiento mediante la versión española del cuestionario disejecutivo (DEX-Sp)”. *Revista de Neurología*, 47, pp. 457-463.
- LOPEZ-QUINTERO, C., HASIN, D. S., DE LOS COBOS, J. P., PINES, A., WANG, S., GRANT, B. F. y BLANCO, C. (2011). “Probability and predictors of remission from life-time nicotine, alcohol, cannabis or cocaine dependence: Results from the national epidemiologic survey on alcohol and related conditions”. *Addiction*, 106(3), pp. 657-669.
- LOREA, I., FERNÁNDEZ-MONTALVO, J., TIRAPU-USTÁRROZ, J., LANDA, N. y LÓPEZ-GOÑI, J. J. (2010). “Rendimiento neuropsicológico en la adicción a la cocaína: una revisión crítica”. *Revista de Neurología*, 51, pp. 412-426.
- LOVALLO, W. R. (2013). “Early life adversity reduces stress reactivity and enhances impulsive behavior: Implications for health behaviors”. *International Journal of Psychophysiology*, 90(1), pp. 8-16.
- LOZOYA-DELGADO, P., RUIZ-SÁNCHEZ DE LEÓN, J. M. y PEDRERO-PÉREZ, E. J. (2012). “Validación de un cuestionario de quejas cognitivas para adultos jóvenes: relación entre las quejas subjetivas de memoria, la sintomatología prefrontal y el estrés percibido”. *Revista de Neurología*, 54, pp. 137-150.

## Referencias bibliográficas

- LUBY, J., BELDEN, A., BOTTERON, K., MARRUS, N., HARMS, M. P., BABB, C. y BARCH, D. (2013). "The effects of poverty on childhood brain development: the mediating effect of caregiving and stressful life events". *JAMA Pediatrics*, 167(12), pp. 1135-1142.
- LUIJTEN, M., MACHIELSEN, M. W., VELTMAN, D. J., HESTER, R., DE HAAN, L. y FRANKEN, I. H. (2014). "Systematic review of ERP and fMRI studies investigating inhibitory control and error processing in people with substance dependence and behavioural addictions". *Journal of Psychiatry & Neuroscience*, 39(3), pp. 149-169.
- LUPIEN, S. J., DE LEON, M., DE SANTI, S., CONVIT, A., TARSHISH, C. y NAIR, N. P. (1998). "Cortisol levels during human aging predict hippocampal atrophy and memory deficits". *Nature Neuroscience*, 1, pp. 69-73.
- LURIA, A. R. (1966). *Higher cortical functions in man*. New York: Basic Books.
- LURIA, A. R. (1979). *El cerebro en acción* (2.<sup>a</sup> ed.). Barcelona: Fontanella.
- LYNCH, W. J., PETERSON, A. B., SANCHEZ, V., ABEL, J. y SMITH, M. A. (2013). "Exercise as a novel treatment for drug addiction: a neurobiological and stage-dependent hypothesis". *Neuroscience & Biobehavioral Reviews*, 37(8), pp. 1622-1644.
- MANI, A., MULLAINATHAN, S., SHAFIR, E. y ZHAO, J. (2013). "Poverty impedes cognitive function". *Science*, 341(6149), pp. 976-980.
- MARIL, A., SIMONS, J. S., MITCHELL, J. P. y SCHWARTZ, B. L. (2003). "Feeling of knowing in episodic memory: An event-related fMRI study". *Neuroimage*, 18, pp. 827-836.
- MARTINS, D. L. N., VALIATTI, T. D. S., D'ÁVILA, J., FERREIRA, L. F., BATISTA, E. K., BAZÁN, P. R. y NAKAMURA-PALACIOS, E. M. (2018). "Extrinsic functional connectivity of the default mode network in crack-cocaine users". *Radiology Brasil*, 51(1), pp. 1-7.
- MATEER, C. A. (2003). "Introducción a la rehabilitación cognitiva". *Avances en Psicología Clínica Latinoamericana*, 21(10), pp. 11-20.
- MATTICK, R. P., BREEN, C., KIMBER, J. y DAVOLI, M. (2014). "Buprenorphine maintenance versus placebo or methadone maintenance for opioid dependence". *Cochrane Database of Systematic Reviews*, 2, art. n.º CD002207.
- MAY, F. S., CHEN, Q. C., GILBERTSON, M. W., SHENTON, M. E. y PITMAN, R. K. (2004). "Cavum septum pellucidum in monozygotic twins discordant for combat exposure: Relationship to posttraumatic stress disorder". *Biological Psychiatry*, 55(6), pp. 656-658.
- McCONNELL, P. A. y FROELIGER, B. (2015). "Mindfulness, mechanisms and meaning: Perspectives from the cognitive neuroscience of addiction". *Psychological Inquiry*, 26(4), pp. 349-357.
- McEWEN, B. S. (1999). "Stress and hippocampal plasticity". *Annual Review of Neuroscience*, 22, pp. 105-122.
- MEDA, S. A., RUAÑO, G., WINDEMUTH, A., O'NEIL, K., BERWISE, C., DUNN, S. M. y KESHAVAN, M. S. (2014). "Multivariate analysis reveals genetic associations of the resting default mode network in psychotic bipolar disorder and schizophrenia". *Proceedings of the National Academy of Sciences*, 111, E2066-E2075.

- MEUNIER, D., ERSCHKE, K. D., CRAIG, K. J., FORNITO A, MERLO-PICH E, FINEBERG, N. A. y BULLMORE, E. T. (2012). "Brain functional connectivity in stimulant drug dependence and obsessive-compulsive disorder". *NeuroImage*, 59, pp. 1461-1468.
- MICHAUD, K., FORGET, H. y COHEN, H. (2009). "Chronic glucocorticoid hypersecretion in Cushing's syndrome exacerbates cognitive aging". *Brain Cognition*, 71, pp. 1-8
- MILLER L. (1985). "Neuropsychological assessment substance abusers: Review and recommendations". *Journal of Substance Abuse Treatment*, 2, pp. 5-17.
- MILLER, E. K., COHEN, J. D. (2001). "An integrative theory of frontal lobe function". *Annual Review of Neuroscience*, 24, pp. 167-202.
- MILLER, W. R. (1993). "Behavioral treatments for drug problems: where do we go from here?". En SIMON ONKEN, L., BLAINE, J. D. y BOREN, J. J. (eds.), "Behavioral treatments for drug abuse and dependence". *NIDA Research Monograph*, 137, pp. 303-321.
- MINTZER, M. Z. y STITZER, M. L. (2002). "Cognitive impairment in methadone maintenance patients". *Drug & Alcohol Dependence*, 67(1), pp. 41-51.
- MOELLER, S. J., TOMASI, D., WOICIK, P. A., MALONEY, T., ALIA-KLEIN, N., HONORIO, J. y GOLDSTEIN, R. Z. (2012). "Enhanced midbrain response at six-month follow-up in cocaine addiction, association with reduced drug-related choice". *Addiction Biology*, 17(6), pp. 1013-1025.
- MOORE, A., CLARK, B. y KANE, M. (2008). "Who shalt not kill? Individual differences in working memory capacity, executive control and moral judgment". *Psychological Science*, 6(19), pp. 549-557.
- MOOS, R. H. y FINNEY, J. W. (2011). "Commentary on Lopez-Quintero et al. (2011): Remission and relapse. The Yin-Yang of addictive disorders". *Addiction*, 106(3), pp. 670-671.
- MORA, F., SEGOVIA, G. y DEL ARCO, A. (2007). "Aging, plasticity and environmental enrichment: Structural changes and neurotransmitter dynamics in several areas of the brain". *Brain Research Reviews*, 55(1), pp. 78-88.
- MORAWETZ, C., BODE, S., BAUDEWIG, J. y HEEKEREN, H. R. (2017). "Effective amygdala-prefrontal connectivity predicts individual differences in successful emotion regulation". *Social Cognitive and Affective Neuroscience*, 12(4), pp. 569-585.
- MOTZKIN, J. C., PHILIPPI, C. L., WOLF, R. C., BASKAYA, M. K. y KOENIGS, M. (2015). "Ventromedial prefrontal cortex is critical for the regulation of amygdala activity in humans". *Biological Psychiatry*, 77(3), pp. 276-284.
- MULHAUSERA, K., WEINSTOCKA, J., RUPPERTB, P. y BENWAREC, J. (2018). "Changes in Neuropsychological Status during the Initial Phase of Abstinence in Alcohol Use Disorder: Neurocognitive Impairment and Implications for Clinical Care". *Substance Use & Misuse*, 53(6), pp. 881-890.
- MUÑOZ CÉSPEDES, J. M. y TIRAPU, J. (2001). *Rehabilitación neuropsicológica*. Madrid: Síntesis.

## Referencias bibliográficas

- MUSCI, R. J., BRADSHAW, C. P., MAHER, B., UHL, G. R., KELLAM, S. G. y IALONGO, N. S. (2014). "Reducing aggression and impulsivity through school-based prevention programs: A gene by intervention interaction". *Prevention Science*, 15(6), pp. 831-840.
- NADER, J., CLAUDIA, C., EL RAWAS, R., FAVOT, L., JABER, M., THIRIET, N. y SOLINAS, M. (2012). "Loss of environmental enrichment increases vulnerability to cocaine addiction". *Neuropsychopharmacology*, 37(7), p. 1579.
- NAQVI, N. H., RUDRAUF, D., DAMASIO, H. y BECHARA, A. (2007). "Damage to the insula disrupts addiction to cigarette smoking". *Science*, 315(5811), pp. 531-534.
- NATIONAL ACADEMIES OF SCIENCES AND MEDICINE. (2017). "The health effects of cannabis and cannabinoids: The current state of evidence and recommendations for research". Washington, C: National Academy Press.
- NATHAN, P. E., CONRAD, M. y SKINSTAD, A. H. (2016). "History of the concept of addiction". *Annual Review of Clinical Psychology*, 12, pp. 29-51.
- NESTOR, P. G., NAKAMURA, M., NIZNIKIEWICZ, M., THOMPSON, E., LEVITT, J. J., CHOATE, V. y MCCARLEY, R. W. (2013). "In search of the functional neuroanatomy of sociality: MRI subdivisions of orbital frontal cortex and social cognition". *Social Cognitive and Affective Neuroscience*, 8(4), pp. 460-467.
- NEVILLE, H. y BAVELIER, D. (2002). "Human brain plasticity: Evidence from sensory deprivation and altered language experience". *Progress in Brain Research*, 138, pp. 177-190.
- NEWLIN, D. B. (2002). "The self-perceived survival ability and reproductive fitness (SPFit) theory of substance use disorders". *Addiction*, 97, pp. 427-445.
- NEWLIN, D. B. y STRUBLER, K. A. (2007). "The habitual brain: An 'adapted habit' theory of substance use disorders". *Substance Use & Misuse*, 42, pp. 503-526.
- NORMAN, D. A. y SHALLICE, T. (1980). "Attention to action: Willed and automatic control of behavior". En GAZZANIGA, M. (ed.), *Cognitive Neuroscience: A Reader*. Basil Blackwell, New York (2000).
- NORMAN, D. A. y SHALLICE, T. (1986). "Attention to action: Willed and automatic control of behavior". En DAVIDSON, R. J., SCHWARTZ, G. E. y SHAPIRO, D. (eds.), *Consciousness and self-regulation*. New York: Plenum Press.
- NUTT, D. J., KING, L. A., PHILLIPS, L. D. e INDEPENDENT SCIENTIFIC COMMITTEE ON DRUGS (2010). "Drug harms in the UK: A multicriteria decision analysis". *Lancet*, 376(9752), pp. 1558-1565.
- OLDS, J. y MILNER, P. (1954). "Positive reinforcement produced by electrical stimulation of septal area and others regions of rat brain". *Journal of Comparative and Physiological Psychology*, 47(6), pp. 419-427.
- ONGUR, D. (2000). "The organization of networks within the orbital and medial prefrontal cortex of rats, monkeys and humans". *Cerebral Cortex*, 10(3), pp. 206-219.
- ORGANIZACIÓN DE NACIONES UNIDAS (1961). *Convención Única de 1961 sobre Estupefacientes*. Disponible en: [https://www.unodc.org/pdf/convention\\_1961\\_es.pdf](https://www.unodc.org/pdf/convention_1961_es.pdf).

- PAN, P., ZHAN, H., XIA, M., ZHANG, Y., GUAN, D. y XU, Y. (2017). "Aberrant regional homogeneity in Parkinson's disease: A voxel-wise meta-analysis of resting-state functional magnetic resonance imaging studies". *Neuroscience & Biobehavioral Reviews*, 72, pp. 223-231.
- PANG, T. Y. y HANNAN, A. J. (2013). "Enhancement of cognitive function in models of brain disease through environmental enrichment and physical activity". *Neuropharmacology*, 64, pp. 515-528.
- PARVAZ, M. A., MOELLER, S. J., D'OLEIRE UQUILLAS, F., PFLUMM, A., MALONEY, T., ALIA KLEIN, N. y GOLDSTEIN, R. Z. (2017). "Prefrontal gray matter volume recovery in treatment seeking cocaine addicted individuals: A longitudinal study". *Addiction Biology*, 22, pp. 1391-1401.
- PASSETTI, F., CLARK, L., MEHTA, M. A., JOYCE, E. y KING, M. (2008). "Neuropsychological predictors of clinical outcome in opiate addiction". *Drug and Alcohol Dependence*, 94(1-3), pp. 82-91.
- PAWLIKOWSKI, M. y BRAND, M. (2011). "Excessive Internet gaming and decision making: Do excessive World of Warcraft-players have problems in decision making under risky conditions?". *Psychiatry Research*, 188, pp. 428-433.
- PAZ DOMINGO, M. V., RUIZ SÁNCHEZ DE LEÓN, J. M., PAZ SOLÍS, J. F., GANDÍA GONZÁLEZ, M., MATEOS GONZÁLEZ, A. y PEDRERO PÉREZ, E. J. (2017). "Dolor crónico: relación con sintomatología prefrontal y estrés percibido". *Revista de la Sociedad Española de Dolor*, 24(4), pp. 179-187.
- PEDRERO PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M. y WINPENNY-TEJEDOR, C. (2015). "Dysexecutive Questionnaire (DEX): Unrestricted structural analysis in large clinical and non-clinical samples". *Neuropsychological Rehabilitation*, 25(6), pp. 879-894.
- PEDRERO PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M., LOZOYA DELGADO, P., LLANERO LUQUE, M., ROJO MOTA, G. y PUERTA GARCÍA, C. (2011). "Evaluación de los síntomas prefrontales: propiedades psicométricas y datos normativos del Cuestionario Disejecutivo (DEX) en una muestra de población española". *Revista de Neurología*, 52, pp. 394-404.
- PEDRERO PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M., LOZOYA DELGADO, P., ROJO MOTA, G., LLANERO LUQUE, M. y PUERTA GARCÍA, C. (2013). "Sintomatología prefrontal y trastornos de la personalidad en adictos a sustancias". *Revista de Neurología*, 56(4), pp. 205-213.
- PEDRERO PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M., OLIVAR ARROYO, A., BOUSO SAIZ, J. C., ROJO MOTA, G., LLANERO LUQUE, M. y PUERTA-GARCÍA, C. (2009). "Versión española del Cuestionario Disejecutivo (DEX-Sp): propiedades psicométricas en adictos y población no clínica". *Adicciones*, 21, pp. 155-166.
- PEDRERO, E. J., PUERTA, C., SEGURA, I. y MARTÍNEZ OSORIO, S. (2004). "Evolución de la

- sintomatología psicopatológica de los drogodependientes a lo largo del tratamiento”. *Trastornos Adictivos*, 6(3), pp. 176-191.
- PEDRERO-PÉREZ, E. J. (2015). “¿Qué es y qué no es la adicción? Evidencia científica disponible”. *Researchgate*, agosto 2015. DOI: 10.13140/RG.2.1.2217.5208.
- PEDRERO-PÉREZ, E. J. y RUIZ SÁNCHEZ DE LEÓN, J. M. (2013). “Quejas subjetivas de memoria, personalidad y sintomatología prefrontal en adultos jóvenes”. *Revista de Neurología*, 57(7), pp. 289-296.
- PEDRERO-PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M. y LLANERO LUQUE, M. (2015). “Personalidad y cerebro: un encuentro inevitable”. *Papeles del Psicólogo*, 36(1), pp. 54-61.
- PEDRERO-PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M., LLANERO-LUQUE, M., ROJO-MOTA, G., OLIVAR-ARROYO, A., PUERTA GARCÍA, C. (2009). “Sintomatología frontal en adictos a sustancias en tratamiento mediante la versión española de la Escala de Comportamiento Frontal”. *Revista de Neurología*, 48, pp. 624-631.
- PEDRERO-PÉREZ, E. J., RUIZ SÁNCHEZ DE LEÓN, J. M., MORALES-ALONSO, S., PEDRERO-AGUILAR, J. y FERNÁNDEZ-MÉNDEZ, L. M. (2014). “Sintomatología prefrontal en la vida diaria: evaluación de cribado mediante el Inventario de Síntomas Prefrontales Abreviado (ISP-20)”. *Revista de Neurología*, 60(9), pp. 385-93.
- PEDRERO-PÉREZ, E. J., RUIZ-SÁNCHEZ DE LEÓN, J. M., LOZOYA-DELGADO, P., ROJO-MOTA, G., LLANERO-LUQUE, M. y PUERTA-GARCÍA, C. (2015). “La ‘escala de estrés percibido’: estudio psicométrico sin restricciones en población no clínica y adictos a sustancias en tratamiento”. *Behavioral Psychology*, 23(2), pp. 305-324.
- PEDRERO-PÉREZ, E. J., RUIZ-SÁNCHEZ DE LEÓN, J. M., ROJO-MOTA, G., MORALES-ALONSO, S., PEDRERO-AGUILAR, J., LORENZO-LUQUE, I. y GONZÁLEZ, A. (2016). “Inventario de síntomas prefrontales (ISP): validez ecológica y convergencia con medidas neuropsicológicas”. *Revista de Neurología*, 63(6), pp. 241-251.
- PEELE, S. (1980). “Addiction to an experience”. *American Psychology*, 35(11), pp. 1047-81048.
- PEELE, S. (1985). *The meaning of addiction. An Unconventional View*. Lexington: Lexington Books.
- PEELE, S. y BRODSKY, A. (1975). *Love and Addiction*. New York: Taplinger
- PELED, A. (2012). “Personality disorders disturbances of the physical brain”. *Medical Hypotheses*, 79, pp. 487-492.
- PELED, A. (2013). “Brain ‘Globalopathies’ cause mental disorders”. *Medical Hypotheses*, 81, pp. 1046-1055.
- PENG, C. Z., GRANT, J. D., HEATH, A. C., REIERSEN, A. M., MULLIGAN, R. C. y ANOKHIN, A. P. (2016). “Familial influences on the full range of variability in attention and activity levels during adolescence: A longitudinal twin study”. *Development and Psychopathology*, 28(2), pp. 517-526.

- PEÑA-CASANOVA, J., BLESÁ, R., AGUILAR, M., GRAMUNT-FOMBUENA, N., GÓMEZ-ANSÓN, B., OLIVA, R. y NEURONORMA STUDY TEAM (2009). "Spanish Multicenter Normative Studies (NEURONORMA Project): Methods and sample characteristics". *Archives of Clinical Neuropsychology*, 24(4), pp. 307-319.
- PÉREZ ÁLVAREZ, M. (2006). "La terapia de conducta de tercera generación". *EduPsykhé: Revista de Psicología y Psicopedagogía*, 5(2), pp. 159-172.
- PÉREZ ÁLVAREZ, M. (2012). "Frente al cerebrocentrismo, psicología sin complejos". *Infocop*, 21/06/2012. Disponible en: <http://www.cop.es/infocop/pdf/2067.pdf>
- PFEFFERBAUM, A., ADALSTEINSSON, E. y SULLIVAN, E. V. (2006). "Supratentorial profile of white matter microstructural integrity in recovering alcoholic men and women". *Biological Psychiatry*, 59(4), pp. 364-372.
- PIET, J. y HOUGAARD, E. (2011). "The effect of mindfulness-based cognitive therapy for prevention of relapse in recurrent major depressive disorder: A systematic review and meta-analysis". *Clinical Psychology Review*, 31(6), pp. 1032-1040.
- PINEDA, D. (2000). "La función ejecutiva y sus trastornos". *Revista de Neurología*, 30(8), 764-768.
- PLAN NACIONAL SOBRE DROGAS (2018). ESTUDES 2016/2017. *Encuesta sobre uso de drogas en enseñanzas secundarias en España*. Madrid: Ministerio de Sanidad, Servicios Sociales e Igualdad.
- POPE, H. G. (2002). "Cannabis, cognition, and residual confounding". *Journal of the American Medical Association*, 287(9), pp. 1172-1174.
- PORTELLANO PÉREZ, J. A. y Martínez Arias, R. (2014). *TESEN. Test de los Senderos para la evaluación de las funciones ejecutivas*. Madrid: TEA Ediciones.
- PORTELLANO PÉREZ, J. A., Díez Revuelta, A., MELERO CARRASCO, H., GARCÍA-PACIOS, J. (2007). "El test de las anillas (TA), un nuevo instrumento para la evaluación de las funciones ejecutivas". *Mapfre Medicina*, 18, pp. 54-63.
- PREMACK, D. y WOODRUFF, G. (1987). "Does chimpanzee have a theory of mind?". *Behavioral Brain Sciences*, 4, pp. 9-30.
- QIN, P. y NORTHOFF, G. (2011). "How is our self related to midline regions and the default-mode network?". *Neuroimage*, 57(3), pp. 1221-1233.
- RAICHLÉ, M. E. (2015). "The brain's default mode network". *Annual Review of Neuroscience*, 38, pp. 433-447.
- RAICHLÉ, M. E., MACLEOD, A. M., SNYDER, A. Z., POWERS, W. J., GUSNARD, D. A. y SHULMAN, G. L. (2001). "A default mode of brain function". *Proceedings of the National Academy of Sciences*, 98(2), pp. 676-682.
- RAJESWARAN, J. y BENNETT, C. N. (2018). "Cognitive rehabilitation in addictive disorders". *Indian Journal of Psychiatry*, 60 (suplemento 4), S490.
- RAPEL, P., FABRITIUS, C., KALSKA, H. y ALHO, H. (2011). "Cognitive functioning in opioid-dependent patients treated with buprenorphine, methadone, and other psychoactive medi-



- cations: Stability and correlates”. *BMC Clinical Pharmacology*, 11, pp. 1-15.
- RASS, O., SCHACHT, R. L., BUCKHEIT, K., JOHNSON, M. W., STRAIN, E. C. y MINTZER, M. Z. (2015). “A randomized controlled trial of the effects of working memory training in methadone maintenance patients”. *Drug and Alcohol Dependence*, 156, pp. 38-46.
- RAVEN, J. C., COURT, J. H. y RAVEN, J. (1996). *Matrices Progresivas*. Madrid: TEA Ediciones.
- REDISH, A. D., JENSEN, S. y JOHNSON, A. (2008). “Addiction as vulnerabilities in the decision process”. *Behavioral and Brain Sciences*, 31, pp. 461-487.
- REINER, M., NIERMANN, C., JEKAUC, D. y WOLL, A. (2013). “Long-term health benefits of physical activity—a systematic review of longitudinal studies”. *BMC Public Health*, 13(1), p. 813.
- REITAN R. M. (1958). “Validity of the Trail Making test as an indicator of organic brain damage”. *Percept Mot Skills*, 8, pp. 271-276.
- REMOR, E. (2006). “Psychometric properties of a European Spanish version of the perceived Stress Scale (PSS)”. *Spanish Journal of Psychology*, 9, pp. 86-93.
- REY, A. (2009). *Test de copia de una figura compleja*. Madrid: TEA Ediciones.
- REYNAUD, M., KARILA, L., BLECHA, L. y BENYAMINA, A. (2010). “Is Love Passion an Addictive Disorder?”. *American Journal of Drug and Alcohol Abuse*, 36, pp. 261-267.
- REZAPOUR, T., HATAMI, J., FARHOUDIAN, A., SOFUOGLU, M., NOROOZI, A., DANESHMAND, R. y EKHTIARI, H. (2015). “NEuro COgnitive REhabilitation for Disease of Addiction (NECOREDA) program: From development to trial”. *Basic and Clinical Neuroscience*, 6(4), pp. 291-298.
- REZAPOUR, T., HATAMI, J., FARHOUDIAN, A., SOFUOGLU, M., NOROOZI, A., DANESHMAND, R. y EKHTIARI, H. (2017). “Cognitive rehabilitation for individuals with opioid use disorder: A randomized controlled trial”. *Neuropsychological Rehabilitation*, publicado online el 21 de Noviembre. DOI: 10.1080/09602011.2017.1391103.
- RIGGS, N. R., GREENBERG, M. T., KUSCHÉ, C. A. y PENTZ, M. A. (2006). “The mediational role of neurocognition in the behavioral outcomes of a social-emotional prevention program in elementary school students: Effects of the PATHS curriculum”. *Prevention Science*, 7(1), pp. 91-102.
- ROBEY, A., BUCKINGHAM-HOWES, S., SALMERON, B. J., BLACK, M. M. y RIGGINS, T. (2014). “Relations among prospective memory, cognitive abilities, and brain structure in adolescents who vary in prenatal drug exposure”. *Journal of Experimental Child Psychology*, 127, pp. 144-162.
- ROBINS, L. N., HELZER, J. E., HESSELBROCK, M. y WISH, E. (2010). “Vietnam veterans three years after Vietnam: How our study changed our view of heroin”. *American Journal on Addictions*, 19(3), pp. 203-211.
- ROBINSON, T. E. y BERRIDGE, K. C. (1993). “The neural basis of drug craving: An incentive-sensitization theory of addiction”. *Brain Research Reviews*, 18, pp. 247-291.
- RODRÍGUEZ, J. F. M., BARROSO, J. M., BONIFACIO, V. y CARDOSO-PEREIRA, N. (2004). “La

- década del cerebro (1990-2000): algunas aportaciones”. *Revista Española de Neuropsicología*, 6(3), pp. 131-170.
- ROEHRICH, L. y GOLDMAN, M. S. (1993). “Experience-dependent neuropsychological recovery and the treatment of alcoholism”. *Journal of Consulting and Clinical Psychology*, 61(5), p. 812.
- ROGERS, G., ELSTON, J., GARSIDE, R., ROOME, C., TAYLOR, R., YOUNGER, P. y SOMERVILLE, M. (2009). “The harmful health effects of recreational ecstasy: A systematic review of observational evidence”. *Health Technology Assessment*, 13(6), p. 354.
- ROGERS, R. D., OWEN, A. M., MIDDLETON, H. C., WILLIAMS, E. J., PICKARD, J. D., SAHAKIAN, B. J. y ROBBINS, T. W. (1999). “Choosing between small, likely rewards and large, unlikely rewards activates inferior and orbital prefrontal cortex”. *Journal of Neuroscience*, 19, pp. 9029-9038.
- ROJO-MOTA, G. (2016). “Terapia Ocupacional en adicciones: de la teoría a la práctica”. *Revista Chilena de Terapia Ocupacional*, 16(1), pp. 133-146.
- ROJO-MOTA, G., PEDRERO-PÉREZ, E. J., HUERTAS-HOYAS, E., MERRITT, B. y MACKENZIE, D. (2017). “Allen Cognitive Level Screen for the classification of subjects treated for addiction”. *Scandinavian Journal of Occupational Therapy*, 24(4), pp. 290-298.
- ROJO-MOTA, G., PEDRERO-PÉREZ, E. J., RUIZ-SÁNCHEZ DE LEÓN, J. M. y MIANGOLARRA PAGE, J. C. (2014). “Assessment of motor and process skills in daily life activities of treated substance addicts”. *Scandinavian Journal of Occupational Therapy*, 21(6), pp. 458-464.
- ROJO-MOTA, G., PEDRERO-PÉREZ, E. J., RUIZ-SÁNCHEZ DE LEÓN, J. M., LLANERO-LUQUE, M. y PUERTA-GARCÍA, C. (2013). “Cribado neurocognitivo en adictos a sustancias: la evaluación cognitiva de Montreal”. *Revista de Neurología*, 56(3), pp. 129-136.
- ROMANÍ, O. (1999). *Las drogas: sueños y razones*. Barcelona: Ariel.
- ROSVOLD, H., MIRSKY, A., SARASON, I., BRANSOME JR., E. D. y BECK, L. H. (1956). “A continuous performance test of brain damage”. *Journal of Consulting Psychology*, 20, pp. 343-350.
- RUFF, C. C., KNAUFF, M., FANGMEIER, T. y SPEER, J. (2003). “Reasoning and working memory: Common and distinct neuronal processes”. *Neuropsychologia*, 41, pp. 1241-1253.
- RUIZ SÁNCHEZ DE LEÓN, J. M. y PEDRERO-PÉREZ, E. J. (2014). *Neuropsicología de la adicción*. Madrid: Editorial Médica Panamericana.
- RUIZ SÁNCHEZ DE LEÓN, J. M., PEDRERO PÉREZ, E. J., LOZOYA DELGADO, P., LLANERO LUQUE, M., ROJO MOTA, G. y PUERTA GARCÍA, C. (2012). “Inventario de Síntomas Prefrontales (ISP) para la evaluación clínica de las adicciones en la vida diaria: proceso de creación y propiedades psicométricas”. *Revista de Neurología*, 54, pp. 649-663.
- RUIZ SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., FERNÁNDEZ-BLÁZQUEZ, M. A. y LLANERO-LUQUE, M. (2011). “Neurología, neuropsicología y neurociencias: sobre

- usos y abusos de lo ‘neuro’”. *Revista de Neurología*, 53(5), p. 320.
- RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., LLANERO-LUQUE, M., ROJO-MOTA, G., OLIVAR-ARROYO, A., BOUSO-SAIZ, J. C. y PUERTA-GARCÍA, C. (2009). “Perfil neuropsicológico en la adicción a la cocaína: consideraciones sobre el ambiente social próximo de los adictos y el valor predictivo del estado cognitivo en el éxito terapéutico”. *Adicciones*, 21(2), pp. 119-132.
- RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., LOZOYA-DELGADO P, LLANERO-LUQUE M, ROJO-MOTA G y PUERTA-GARCÍA C. (2012). “Inventario de síntomas prefrontales para la evaluación clínica de las adicciones en la vida diaria: proceso de creación y propiedades psicométricas”. *Revista de Neurología*, 54, pp. 649-663.
- RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J. y LOZOYA-DELGADO, P. (2014). “Caracterización neuropsicológica de las quejas de memoria en la población general: relación con la sintomatología prefrontal y el estrés percibido”. *Anales de Psicología*, 30(2), pp. 676-683.
- RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., GÁLVEZ, S., FERNÁNDEZ-MÉNDEZ, L. M., LOZOYA-DELGADO, P. y DEPARTAMENTO DE NEUROPSICOLOGÍA DEL CENTRO DE TRATAMIENTO DE LA LESIÓN CEREBRAL LESCER (2015). “Utilidad clínica y propiedades psicométricas del inventario de síntomas prefrontales (ISP) en el daño cerebral adquirido y las demencias degenerativas”. *Revista de Neurología*, 61(9), pp. 387-394.
- RUIZ-SÁNCHEZ DE LEÓN, J. M., PEDRERO-PÉREZ, E. J., ROJO-MOTA, G., LLANERO-LUQUE, M. y PUERTA-GARCÍA, C. (2011). “Propuesta de un protocolo para la evaluación neuropsicológica de las adicciones”. *Revista de Neurología*, 53, pp. 483-493.
- SACHDEVA, A., KUMAR, K. y ANAND, K. S. (2015). “Non pharmacological cognitive enhancers—current perspectives”. *Journal of Clinical and Diagnostic Research*, *JCDR*, 9(7), VE01-VE06.
- SAINT-CYR, J. A., TAYLOR, A. E. y LANG, A. E. (1988). “Procedural learning and neostriatal dysfunction in man”. *Brain*, 111, pp. 941–959.
- SAMHSA (2004). *National Consensus Conference on Mental Health Recovery and Mental Health Systems Transformation*. Disponible en: <https://store.samhsa.gov/shin/content/SMA05-4129/SMA05-4129.pdf>
- SAMPAIO, A., SOARES, J. M., COUTINHO, J., SOUSA, N. y GONÇALVES, O. F. (2014). “The Big Five default brain: Functional evidence”. *Brain Structure and Function*, 219, pp. 1913-1922.
- SAMPEDRO-PIQUERO, P., ÁLVAREZ-SUÁREZ, P., MORENO-FERNÁNDEZ, R. D., GARCÍA-CASTRO, G., CUESTA, M. y BEGEGA, A. (2018). “Environmental enrichment results in both brain connectivity efficiency and selective improvement in different behavioural tasks”. *Neuroscience*, publicado *online* el 4 de agosto. DOI: 10.1016/j.neuroscience.2018.07.036.
- SASSER, T. R., BIERMAN, K. L., HEINRICH, B. y NIX, R. L. (2017). “Preschool Intervention

- Can Promote Sustained Growth in the Executive-Function Skills of Children Exhibiting Early Deficits”. *Psychological Science*, 28(12), pp. 1719-1730.
- SCHALLER, J. (2000). *Addiction is a choice*. Chicago: Open Court.
- SCHNEIDER, W. y SHIFFRIN, R.M. (1977). “Controlled and automatic human information processing I: Detection, search and attention”. *Psychological Review*, 84, pp. 1-66.
- SCHOLZ, J., KLEIN, M. C., BEHRENS, T. E. y JOHANSEN-BERG, H. (2009). “Training induces changes in white-matter architecture”. *Nature Neuroscience*, 12(11), pp. 1370-1371.
- SCHREINER, A. M. y DUNN, M. E. (2012). “Residual effects of cannabis use on neurocognitive performance after prolonged abstinence: A meta-analysis”. *Experimental and Clinical Psychopharmacology*, 20(5), pp. 420-429.
- SCHULTE, M. H., COUSIJN, J., DEN UYL, T. E., GOUDRIAAN, A. E., VAN DEN BRINK, W., VELTMAN, D. J. y WIERS, R. W. (2014). “Recovery of neurocognitive functions following sustained abstinence after substance dependence and implications for treatment”. *Clinical Psychology Review*, 34(7), pp. 531-550.
- SEDÓ, M.A. (2007). *Test de los cinco dígitos (FDT)*. Madrid: TEA.
- SEISDEDOS, N. (1994). *CAMBIOS. Test de flexibilidad cognitiva*. Madrid. TEA ediciones.
- SELBY, M. J. y AZRIN, R. L. (1998). “Neuropsychological functioning in drug abusers”. *Drug and Alcohol Dependence*, 50(1), pp. 39-45.
- SHALLICE, T. (1982). “Specific impairments of planning”. *Philosophical Transactions of the Royal Society B*, 298, pp. 199-209.
- SHOLBERG, M. M. y MATEER, C. A. (1989). “Remediation of executive functions impairments”. En SHOLBERG, M. M. y MATEER, C. A. (eds.), *Introduction to cognitive rehabilitation*. New York: The Guilford Press, pp. 232-263.
- SIMON, K. M., BEDER, M. y MANSEAU, M. W. (2018). “Addressing poverty and mental illness”. *Psychiatric Times*, 35(6), 29 de junio.
- SIMON, R. y ENGSTRÖM, M. (2015). “The default mode network as a biomarker for monitoring the therapeutic effects of meditation”. *Frontiers in Psychology*, 6, p. 776.
- SIMON, S. L., DOMIER, C. P., CARNELL, J., BRETHEN, P., RAWSON, R. A. y LING, W. (2000). “Cognitive impairment in individuals currently using methamphetamine”. *American Journal on Addictions*, 9, pp. 222-231.
- SMITH, A. (1968). “The symbol-digit modalities test: A neuropsychologic test of learning and other cerebral disorders”. En HELMUTH, J. (ed.), *Learning disorders*. Seattle: Special child publications, pp. 83-91.
- SMITH, A. (2002). *Test de símbolos y dígitos*. Madrid: TEA.
- SMITH, P. J., BLUMENTHAL, J. A., HOFFMAN, B. M., COOPER, H., STRAUMAN, T. A., WELSH-BOHMER, K. y SHERWOOD, A. (2010). “Aerobic exercise and neurocognitive performance: A meta-analytic review of randomized controlled trials. *Psychosomatic Medicine*, 72(3), pp. 239-252.
- SMITH, J. L., MATTICK, R. P., JAMADAR, S. D. y IREDALE, J. M. (2014). “Deficits in be-

- havioural inhibition in substance abuse and addiction: A meta-analysis". *Drug and Alcohol Dependence*, 145, pp. 1-33.
- SOAR, K., MASON, C., POTTON, A. y DAWKINS, L. (2012). "Neuropsychological effects associated with recreational cocaine use". *Psychopharmacology*, 222, pp. 633-643.
- SOHLBERG, M. M. y MATEER, C. A. (1987). "Effectiveness of an attention-training program". *Journal of Clinical and Experimental Neuropsychology*, 9(2), pp. 117-130.
- SOHLBERG, M. M. y MATEER, C. A. (2001). *Cognitive rehabilitation. An integrative neuropsychological approach*. New York: Guilford Press.
- SOLINAS, M., CHAUVET, C., THIRIET, N., EL RAWAS, R. y JABER, M. (2008). "Reversal of cocaine addiction by environmental enrichment". *Proceedings of the National Academy of Sciences*, 105(44), pp. 17145-17150.
- SOLINAS, M., THIRIET, N., CHAUVET, C. y JABER, M. (2010). "Prevention and treatment of drug addiction by environmental enrichment". *Progress in Neurobiology*, 92(4), pp. 572-592.
- SOLINAS, M., THIRIET, N., EL RAWAS, R., LARDEUX, V. y JABER, M. (2009). "Environmental enrichment during early stages of life reduces the behavioral, neurochemical, and molecular effects of cocaine". *Neuropsychopharmacology*, 34(5), pp. 1102-1111.
- SOLOMON, R. L. (1980). "The opponent-process theory of acquired motivation: The costs of pleasure and the benefits of pain". *American Psychologist*, 35, pp. 691-712.
- SOLOWIJ, N., STEPHENS, R. S., ROFFMAN, R. A., BABOR, T., KADDEN, R., MILLER, M. y THE MARIJUANA TREATMENT PROJECT RESEARCH GROUP. (2002). "Cognitive functioning of long-term heavy cannabis users seeking treatment". *JAMA*, 287, pp. 1123-1131.
- SØRENSEN, L., EICHELE, T., VAN WAGENINGEN, H., PLESSSEN, K. J. y STEVENS, M. C. (2016). "Amplitude variability over trials in hemodynamic responses in adolescents with ADHD: The role of the anterior default mode network and the non-specific role of the striatum". *NeuroImage: Clinical*, 12, pp. 397-404.
- SORRELLS, S. F., PAREDES, M. F., CEBRIAN-SILLA, A., SANDOVAL, K., QI, D., KELLEY, K. W. y CHANG, E. F. (2018). "Human hippocampal neurogenesis drops sharply in children to undetectable levels in adults". *Nature*, 555(7696), p. 377.
- SPADA, M. M. (2014). "An overview of problematic Internet use". *Addictive Behaviour*, 39, pp. 3-6.
- SQUEGLIA, L. M., JACOBUS, J., NGUYEN-LOUIE, T. T. y TAPERT, S. F. (2014). "Inhibition during early adolescence predicts alcohol and marijuana use by late adolescence". *Neuropsychology*, 28(5), pp. 782-790.
- SRIVASTAVA, N. K., KHANRA, S., CHAIL, V y KHESS, C. R. (2015). "Clinical correlates of enlarged cavum septum pellucidum in schizophrenia: A revisit through computed tomography". *Asian Journal of Psychiatry*, 15, pp. 21-24.
- STAVRO, K., PELLETIER, J. y POTVIN, S. (2013). "Widespread and sustained cognitive defi-

- cits in alcoholism: A meta analysis". *Addiction Biology*, 18(2), pp. 203-213.
- STEINGROEVER, H., WETZELS, R., HORSTMANN, A., NEUMANN, J. y WAGENMAKERS, E. J. (2013). "Performance of healthy participants on the Iowa Gambling Task". *Psychological Assessment*, 25(1), pp. 180-193.
- STERNBERG S. (1969). "Memory-scanning: Mental processes revealed by reactiontime experiments". *American Science*, 57, pp. 421-457.
- STUSS, D. T. y ALEXANDER, M. P. (2000). "Executive functions and the frontal lobes: A conceptual view". *Psychological Research*, 63, pp. 289-298.
- STUSS, D. T. y BENSON, D. F. (1984). "Neuropsychological studies of the frontal lobes". *Psychological Bulletin*, 95, pp. 3-28.
- STUSS, D. T. y BENSON, D. F. (1986). *The frontal lobes*. New York: Raven Press.
- STUSS, D. T. y LEVINE, B. (2002). "Adult clinical neuropsychology: Lessons from studies of the frontal lobes". *Annual Review Psychology*, 53, pp. 401-433.
- SUN, D. L., CHEN, Z. J., MA, N., ZHANG, X. C., FU, X. M. y ZHANG, D. R. (2009). "Decision-making and prepotent response inhibition functions in excessive Internet users". *CNS Spectrum*, 14, pp. 75-81.
- SUNDERLAND, A., HARRIS, J. E. y GLEAVE, J. (1984). "Memory failures in everyday life following severe head injury". *Journal of Clinical and Experimental Neuropsychology*, 6, pp. 127-142.
- SUTHERLAND, M. T., MCHUGH, M. J., PARIYADATH, V. y STEIN, E. A. (2012). "Resting state functional connectivity in addiction: Lessons learned and a road ahead. *Neuroimage*, 62(4), pp. 2281-2295.
- SUTIN, A. R., EVANS, M. K. y ZONDERMAN, A. B. (2013). "Personality traits and illicit substances: The moderating role of poverty". *Drug and Alcohol Dependence*, 131(3), pp. 247-251.
- SZASZ, T. S. (1974). *The myth of mental illness: Foundations of a theory of personal conduct*. New York: Harper & Row.
- TANABE, J., TREGELLAS, J. R., DALWANI, M., THOMPSON, L., OWENS, E., CROWLEY, T. y BANICH, M. (2009). "Medial orbitofrontal cortex gray matter is reduced in abstinent substance-dependent individuals". *Biological Psychiatry*, 65(2), pp. 160-164.
- TANDON, P. N. (2000). "The decade of the brain: a brief review". *Neurology India*, 48(3), pp. 199-207.
- THURSTONE, L. L. (2013). *Formas Idénticas-R*. Madrid: TEA Ediciones
- THURSTONE, L. L. y YELA, M. (2012). *CARAS-R. Test de Percepción de Diferencias-Revisado*. Madrid: TEA Ediciones.
- TIRAPU USTÁRROZ, J., LANDA, N. y LOREA CONDE, I. (2003). "Sobre las recaídas, la mentira y la falta de voluntad de los adictos". *Adicciones*, 15(1), pp. 7-16.
- TIRAPU, J., MUÑOZ-CÉSPEDAS, J. M. y PELEGRÍN C. (2002). "Funciones ejecutivas: necesidad de una integración conceptual". *Revista de Neurología*, 34, pp. 673-85.

## Referencias bibliográficas

- TIRAPU-USTÁRROZ, J. y MUÑOZ-CÉSPEDES, J. M. (2005). “Memoria y funciones ejecutivas”. *Revista de Neurología*, 41, pp. 475-84.
- TIRAPU-USTÁRROZ, J., GARCÍA-MOLINA, A., LUNA-LARIO, P., ROIG-ROVIRA, T. y PELEGRÍN-VALERO, C. (2008a). “Modelos de funciones y control ejecutivo (I)”. *Revista de Neurología*, 46(11), pp. 684-692.
- TIRAPU-USTÁRROZ, J., GARCÍA-MOLINA, A., LUNA-LARIO, P., ROIG-ROVIRA, T. y PELEGRÍN-VALERO, C. (2008b). “Modelos de funciones y control ejecutivo (II)”. *Revista de Neurología*, 46(12), pp. 742-750.
- TIRAPU-USTÁRROZ, J., MUÑOZ-CÉSPEDES, J. M., PELEGRÍN-VALERO, C. y ALBÉNIZ-FERRERAS, A. (2005). “Propuesta de un protocolo para la evaluación de las funciones ejecutivas”. *Revista de Neurología*, 41, pp. 177-186.
- TIRAPU-USTÁRROZ, J., PÉREZ-SAYES, G., EREKATXO-BILBAO, M. y PELEGRÍN-VALERO, C. (2007). “¿Qué es la teoría de la mente?” *Revista de Neurología*, 44, pp. 479-489.
- TIRAPU-USTÁRROZ, J. y RUIZ SÁNCHEZ DE LEÓN, J. M. (2011). “Evaluación neurocognitiva en las adicciones”. En Pedrero, E. J. (coord), *Neurociencia y adicción*. Madrid: Sociedad Española de Toxicomanías, pp. 111-134.
- TOMKINS, D. M. y SELLERS, E. M. (2001). “Addiction and the brain: the role of neurotransmitters in the cause and treatment of drug dependence”. *Canadian Medical Association Journal*, 164(6), pp. 817-821.
- TOOMEY, R., LYONS, M. J., EISEN, S. A., XIAN, H., CHANTARUJIKAPONG, S., SEIDMAN y TSUANG, M. T. (2003). “A twin study of the neuropsychological consequences of stimulant abuse”. *Archives of General Psychiatry*, 60, pp. 303-310.
- THORPE, S. J., ROLLS, E. T. y MADDISON, S. (1983). “The orbitofrontal cortex: Neuronal activity in the behaving monkey”. *Experimental Brain Research*, 49, pp. 93-115.
- TOULOUSE, E. y PIÉRON, H. (2013). *TP-R. Toulouse-Piéron-Revisado, prueba perceptiva y de atención*. Madrid: TEA Ediciones.
- TURNER, T. H., LAROWE, S., HORNER, M. D., HERRON, J. y MALCOLM, R. (2009). “Measures of cognitive functioning as predictors of treatment outcome for cocaine dependence”. *Journal of Substance Abuse Treatment*, 37(4), pp. 328-334.
- UNTERRAINER, H. F., HIEBLER-RAGGER, M., KOSCHUTNIG, K., FUCHSHUBER, J., TSCHESCHNER, S., URL, M. y FINK, A. (2017). “Addiction as an attachment disorder: White matter impairment is linked to increased negative affective states in poly-drug use”. *Frontiers in Human Neuroscience*, 11, p. 208.
- VADHAN, N. P., HART, C. L., HANEY, M., VAN GORP, W. G. y FOLTIN, R. W. (2009). “Decision-making in long-term cocaine users: Effects of a cash monetary contingency on Gambling task performance”. *Drug & Alcohol Dependence*, 102, pp. 95-101.
- VAISERMAN, A. M. (2015). “Epigenetic programming by early-life stress: Evidence from human populations”. *Developmental Dynamics*, 244(3), pp. 254-265.
- VAN GORP, W. G., WILKINS, J. N., HINKIN, C. H., MOORE, L. H., HULL, J., HORNER, M. D.

- y PLOTKIN, D. (1999). “Declarative and procedural memory functioning in abstinent cocaine abusers”. *Archives of General Psychiatry*, 56, pp. 85-89.
- VAN HOLST, R. J., VAN DEN BRINK, W., VELTMAN, D. J. y GOUDRIAAN, A. E. (2010). “Why gamblers fail to win: A review of cognitive and neuroimaging findings in pathological gambling”. *Neuroscience & Biobehavioral Review*, 34, pp. 87-107.
- VAN OS, J. y SELTEN, J. P. (1998). “Prenatal exposure to maternal stress and subsequent schizophrenia. The May 1940 invasion of The Netherlands”. *British Journal of Psychiatry*, 172, pp. 324-326.
- VAN TIMMEREN, T., DAAMS, J. G., VAN HOLST, R. J. y GOUDRIAAN, A. E. (2017). “Compulsivity-related neurocognitive performance deficits in gambling disorder: A systematic review and meta-analysis”. *Neuroscience & Biobehavioral Reviews*, 84(1), pp. 204-217.
- VELING, W., SUSSER, E., VAN OS, J., MACKENBACH, J. P., SELTEN, J. P. y HOEK, H. W. (2008). “Ethnic density of neighborhoods and incidence of psychotic disorders among immigrants”. *American Journal of Psychiatry*, 165(1), pp. 66-73.
- VERDEJO-GARCÍA, A., LAWRENCE, A. J., y CLARK, L. (2008). “Impulsivity as a vulnerability marker for substance-use disorders: Review of findings from high-risk research, problem gamblers and genetic association studies”. *Neuroscience & Biobehavioral Reviews*, 32(4), pp. 777-810.
- VERDEJO, A., OROZCO-GIMÉNEZ, C., MEERSMANS, S. J., AGUILAR-ARCOS, F. y PÉREZ-GARCÍA, M. (2004). “Impacto de la gravedad del consumo de drogas sobre distintos componentes de la función ejecutiva”. *Revista de Neurología*, 38(12), pp. 1109-1116.
- VERDUCI, E., BANDERALI, G., BARBERI, S., RADAELLI, G., LOPS, A., BETTI, F. y GIOVANNINI, M. (2014). “Epigenetic effects of human breast milk”. *Nutrients*, 6(4), pp. 1711-1724.
- VILLAREJO, A. y PUERTAS-MARTÍN, V. (2011). “Utilidad de los test breves en el cribado de demencia”. *Neurología*, 26(7), 425-433.
- VOLKOW, N. D. y BALER, R. (2015). “Beliefs modulate the effects of drugs on the human brain”. *Proceedings of the National Academy of Sciences*, 112(8), pp. 2301-2302.
- VOLKOW, N. D., KOOB, G. F. y McLELLAN, A. T. (2016). “Neurobiologic advances from the brain disease model of addiction”. *New England Journal of Medicine*, 374, pp. 363-371.
- VOLKOW, N. D., TOMASI, D., WANG, G. J., FOWLER, J. S., TELANG, F., GOLDSTEIN, R. Z. y MILLARD, J. (2011). “Positive emotionality is associated with baseline metabolism in orbitofrontal cortex and in regions of the default network”. *Molecular Psychiatry*, 16(8), pp. 818-825.
- VØLLESTAD, J., NIELSEN, M. B. y NIELSEN, G. H. (2012). “Mindfulness and acceptance based interventions for anxiety disorders: A systematic review and meta analysis”. *British Journal of Clinical Psychology*, 51(3), pp. 239-260.
- VON SYDOW, K., LIEB, R., PFISTER, H., HÖFLER, M. y WITTCHE, H. U. (2002). “Use, abuse and dependence of ecstasy and related drugs in adolescents and young adults.



- A transient phenomenon? Results from a longitudinal community study”. *Drug and Alcohol Dependence*, 66(2), pp. 147-159.
- VONMOOS, M., HULKA, L. M., PRELLER, K. H., MINDER, F., BAUMGARTNER, M. R. y QUEDNOW, B. B. (2014). “Cognitive impairment in cocaine users is drug-induced but partially reversible: Evidence from a longitudinal study”. *Neuropsychopharmacology*, 39, pp. 2200-2210.
- VUCHINICH, R. E. y HEATHER, N (2003). *Choice, behavioural economics and addiction*. Oxford: Elsevier.
- VUL, E., HARRIS, C., WINKIELMAN, P. y PASHLER, H. (2009). “Puzzlingly high correlations in fMRI studies of emotion, personality, and social cognition”. *Perspectives on Psychological Science*, 4(3), pp. 274-290.
- WALTON M. E., BEHRENS T. E., BUCKLEY M. J., RUDEBECK P. H. y RUSHWORTH M. F. (2010). “Separable learning systems in the macaque brain and the role of orbitofrontal cortex in contingent learning”. *Neuron*, 65(6), pp. 927-939.
- WANG, R. HAUSKNECHT, K. A., SHEN, Y. L., HAJ-DAHMANE, S., VEZINA, P. y SHEN, R. Y. (2018). “Environmental enrichment reverses increased addiction risk caused by prenatal ethanol exposure”. *Drug and Alcohol Dependence*, 191, pp. 343-347.
- WANG, D., WANG, Y., WANG, Y., LI, R. y ZHOU, C. (2014). “Impact of physical exercise on substance use disorders: A meta-analysis”. *PloS One*, 9(10), e110728.
- WANG, L., SHEN, H., LEI, Y., ZENG, L. L., CAO, F., SU, L., YANG, Z., YAO, S. y HU, D. (2017). “Altered default mode, fronto-parietal and salience networks in adolescents with Internet addiction”. *Addictive Behaviors*, 70, pp. 1-6.
- WECHSLER, D. (1999). *Escala de Memoria Wechsler para Adultos (WMS-III)*. Madrid: TEA.
- WECHSLER, D. (2011). *Escala no verbal de aptitud intelectual de Wechsler (WNV)*. Madrid: Pearson.
- WECHSLER, D. (2012). *Escala de Inteligencia Wechsler para Adultos (WAIS-IV)*. Madrid: Pearson.
- WECHSLER, D. (2013). *Escala de Memoria Wechsler para Adultos (WMS-IV)*. Madrid: Pearson.
- WEI, L., DUAN, X., YANG, Y., LIAO, W., GAO, Q., DING, J. R. y CHEN, H. (2011). “The synchronization of spontaneous BOLD activity predicts extraversion and neuroticism”. *Brain Research*, 1419, pp. 68-75.
- WEINSTOCK, M. (2008). “The long-term behavioural consequences of prenatal stress”. *Neuroscience & Biobehavioral Reviews*, 32(6), pp. 1073-1086.
- WETHERILL, R. R., SQUEGLIA, L. M., YANG, T. T. y TAPERT, S. F. (2013). “A longitudinal examination of adolescent response inhibition: Neural differences before and after the initiation of heavy drinking”. *Psychopharmacology*, 230, pp. 663-671.
- WHITE, W. L. (2007). “Addiction recovery: Its definition and conceptual boundaries”. *Journal of Substance Abuse Treatment*, 33(3), pp. 229-241.
- WHO JUNTA INTERNACIONAL DE FISCALIZACIÓN DE ESTUPEFACIENTES (2004). *Lista amarilla. Anexo de los formularios A, B y C. Lista de estupefacientes sometidos a fiscalización*

*internacional*. Viena: WHO.

- WILCOX, C. E., ABBOTT, C. C. y CALHOUN, V. D. (2018). "Alterations in resting-state functional connectivity in substance use disorders and treatment implications". *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, publicado online el 25 de junio. DOI: 10.1016/j.pnpbp.2018.06.011.
- WILCOX, S. (2016). *Addiction, treatment, and evidence-based medicine*. Tesis Doctoral. Canada: University of Lethbridge.
- WILSON, B. A., ALDERMAN, N., BURGESS, P. W., EMSLIE, H. y EVANS, J. J. (1996). *Behavioural assessment of the Dysexecutive Syndrome*. Bury St. Edmunds. UK: Thames Valley Test Company.
- WIMMER, H. y PERNER, J. (1983). "Beliefs about beliefs: Representation and constraining function of wrong beliefs in young children's understanding of deception". *Cognition*, 13, pp. 103-28.
- WOODS, S. P., RIPPETH, J. D., CONOVER, E., GONGVATANA, A., GONZALEZ, R., CAREY, C. L., CHERNER, M., HEATON, R. K., GRANT, I. y HIV NEUROBEHAVIORAL RESEARCH CENTER GROUP (2005). "Deficient strategic control of verbal encoding and retrieval in individuals with methamphetamine dependence". *Neuropsychology*, 19(1), pp. 35-43.
- YALACHKOV, Y., KAISER, J. y NAUMER, M. J. (2017). "Functional reorganization of reward-and habit-related brain networks in addiction". En WATSON, R. R. y ZIBADI, S., *Addictive substances and neurological disease*. Londres: Academic Press, pp. 193-200.
- YAN, W. S., LI, Y. H., XIAO, L., ZHU, N., BECHARA, A. y SUI, N. (2014). "Working memory and affective decision-making in addiction: A neurocognitive comparison between heroin addicts, pathological gamblers and healthy controls". *Drug and Alcohol Dependence*, 134, pp. 194-200.
- YÜCEL, M., LUBMAN, D. I., SOLOWIJ, N. y BREWER, W. J. (2007). "Understanding drug addiction: A neuropsychological perspective". *Australian and New Zealand Journal of Psychiatry*, 41(12), pp. 957-968.
- ZALD, D. H. y ANDREOTTI, C. (2010). "Neuropsychological assessment of the orbital and ventromedial prefrontal cortex". *Neuropsychologia*, 48(12), pp. 3377-3391.
- ZHOU, Z., YUAN, G. y YAO, J. (2012). "Cognitive biases toward Internet game-related pictures and executive deficits in individuals with an Internet game addiction". *PLoS One*, 7, e48961.
- ZHU, Y., JIANG, H., SU, H., ZHONG, N., LI, R., LI, X. y YAN, H. (2018). "A newly designed mobile-based computerized cognitive addiction therapy app for the improvement of cognition impairments and risk decision making in methamphetamine use disorder: Randomized controlled trial". *JMIR mHealth and uHealth*, 6(6), e10292.