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Referências

ALVES, S.H.S. (2001) Efeitos da microinjeção de TFMPP nas porções ventral e dorsal do hipocampo em ratos submetidos ao labirinto em cruz elevado. **Dissertação de Mestrado**. Brasília: Universidade de Brasília.

American Psychiatric Association – Diagnostic and Statistical manual of Mental Disorders. 4.ed. Revised, Washington, DC, **American Psychiatric Association**, 1994

ANAGNOSTARAS, S.G.; CRASKE, M.G.; FANSELOW, M.S. (1999a) Anxiety: At the Intersection of Genes and Experience. **Nature Neuroscience**, 2(9): 780-782.

ANAGNOSTARAS, S.G.; MAREN, S.; FANSELOW, M.S. (1999b) Temporally Graded Retrograde Amnesia of Contextual Fear after Hippocampal Damage in Rats: Within-Subjects Examination. **Journal of Neuroscience**, 19: 1106-1114.

BANNERMAN DM, DEACON RM, OFFEN S, FRISWELL J, GRUBB M, RAWLINS JN_(2002) Double Dissociation of Function within the Hippocampus: Spatial Memory and Hyponeophagia. **Behav Neurosci**. 116(5):884-901.

BANNERMAN DM, GRUBB M, DEACON RM, YEE BK, FELDON J, RAWLINS JN (2003)_Ventral Hippocampal Lesions Affect Anxiety But not Spatial Learning. **Behav Brain Res**. 139(1-2):197-213.

BANNERMAN DM, RAWLINS JN, MCHUGH SB, DEACON RM, YEE BK, BAST T, ZHANG WN, POTHUIZEN HH, FELDON J (2004) Regional Dissociations Within the Hippocampus--Memory and Anxiety. **Neurosci Biobehav Rev**. 28(3):273-83

BEHBEHANI MM (1995).Functional Characteristics of the Midbrain Periaqueductal Gray._**Prog Neurobiol**. 46(6):575-605.

BITTENCOURT AS, CAROBREZ AP, ZAMPROGNO LP, TUFIK S, SCHENBERG LC (2004) Organization of Single Components of Defensive Behaviors Within Distinct Columns of Periaqueductal Gray Matter of the Rat: Role of N-methyl-D-aspartic Acid Glutamate Receptors. **Neuroscience**. 125(1):71-89.

BLANCHARD RJ, BLANCHARD DC, RODGERS J, WEISS SM (1990) The Characterization and Modelling of Antipredator Defensive Behavior. **Neurosci Biobehav Rev**. 14(4):463-72.

BOLLES RC, GROSSEN NE (1970) Function of the CS in Shuttle-Box Avoidance Learning by Rats. **J Comp Physiol Psychol**. 70(1):165-9.

BONNE, O., VYTHILINGAM, M., INAGAKI, M., WOOD, S., NEUMEISTER, A., NUGENT, A.C., SNOW, J., LUCKENBAUGH, D.A., BAIN, E.E., DREVETS, W.C., AND CHARNEY, D.S. (2008). Reduce Posterior Hippocampal Volume in Posttraumatic Stress Disorder. **J. Clin. Psychiatry** 69, 1087-1091

[BRANDAO ML](#), [COIMBRA NC](#), [BORGES PC](#). Effects of Morphine and Midazolam on Reactivity to Peripheral Noxious and Central Aversive Stimuli. **Neurosci Biobehav Rev**. 1990 Winter;14(4):495-9

BRANDÃO, M.L.; ZANOVELI, J.M.; RUIZ-MARTINEZ, R.C.; OLIVEIRA, L.C.; LANDEIRA-FERNANDEZ, J. (2008) Different Patterns of Freezing Behavior Organized in the Periaqueductal Gray of Rats: Association with Different Types of Anxiety. **Behavioral Brain Research**, 188: 1-13.

BRAWMAN-MINTZER, O.; LYDIARD, R.B. (1997) Biological Basis of Generalized Anxiety Disorder. **J Clin Psychiatry**, 58 (3): 16-25.

CASAROTTO PC, DE BORTOLI VC, DE AGUIAR CORRÊA FM, MORAES RESSEL LB, ZANGROSSI H (2010) Panicolytic-Like Effect of BDNF in the Rat Dorsal Periaqueductal Grey Matter: The Role of 5-HT and GABA. **Int J Neuropsychopharmacol** 5:1-10.

CONTI, L.H.; MACIVER, C.R.; FERKANY, J.W.; ABREU, M.E. Footshock-Induced Freezing Behavior in Rats as a Model for Assessing Anxiolytics. **Psychopharmacology** (Berl), 1990; 102(4): 492-7

DEDOVIC, K., DUCHESNE, A., ANDREWS, J., ENGERT,V., AND PRUESSNER, J.C.(2009). The Brain and the Stress Axis: The Neural Correlates of Cortisol regulation in response to stress. **Neuroimage** 47, 864-871

DRACTU, L., LADER, M. Ansiedade: Conceito, Classificação e Biologia. Uma Interpretação Contemporânea da Literatura. **Jornal brasileiro de Psiquiatria**, 1993;42(1): 19-32

DUMONT EC, MARK GP, MADER S, WILLIAMS JT (2005). Self-Administration Enhances Excitatory Synaptic Transmission in the Bed Nucleus of the Stria Terminalis. **Nat Neurosci** 8:413-414

EICHENBAUM H, OTTO T, COHEN, NJ (1994) Two Functional Components of the Hippocampal Memory System. **Behav Brain Sci.** 17:449-518.

ESCLASSAN F, COUTUREAU E, DI SCALA G, MARCHAND AR (2009) Differential contribution of dorsal and ventral hippocampus to trace and delay fear conditioning. **Hippocampus.** 19(1):33-44.

FANSELOW [MS](#). Conditioned and unconditional components of post-shock freezing. [Pavlov J Biol Sci.](#) 1980 Oct-Dec;15(4):177-82.

FANSELOW [MS](#)., Shock-induced Analgesia on the Formalin Test: Effects of Shock Severity, Naloxone, Hypophysectomy, and Associative Variables. [Behav Neurosci.](#) 1984 Feb;98(1):79-95.

FANSELOW MS, SIGMUNDI RA (1986) Species-Specific Danger Signals, Endogenous Opioid Analgesia, and Defensive Behavior. **J Exp Psychol Anim Behav Process.** 12(3):301-9.

FANSELOW, M.S. The Midbrain Periaqueductal Gray as a Coordinator of Action in Response to Fear and Anxiety. Em: Depaulis A. e Bandler R.

(Editores), The Midbrain Periaqueductal Gray Matter: Functional, Anatomical and Immunohistochemical Organization. **Plenum Publishing Corp., New York**, 1991 a. p. 151-173

FANSELOW, M.S. The Midbrain Periaqueductal Gray as a Coordinator of Action in Response to Fear and Anxiety. Em A Depaulis & R. Bandler (Eds). The Midbrain Periaqueductal Gray Matter: Functional, Anatomical and Immunohistochemical Organization. **New York: Plenum NATO ASI Series A**, V 213, p. 151-73, 1991.

FANSELOW MS, KIM JJ, YIPP J, DE OCA B (1994) Differential Effects of the N-methyl-D-Aspartate Antagonist DL-2-amino-5-phosphonovalerate on Acquisition of Fear of Auditory and Contextual Cues. **Behav Neurosci.** 108(2):235-40.

FANSELOW MS, DONG HW. Are the dorsal and ventral hippocampus functionally distinct structures? **Neuron.** 2010 Jan 14;65(1):7-19. Review

FRANKLAND, PW., CESTARI V., FILIPSKOWSKI RK., McDONALD RJ., SILVA AJ. The Dorsal Hippocampus is Essential for Context Discrimination but not for Contextual Conditioning. **Behav Neurosci.** 1998 Aug;112(4):863-74.

FREY, B.N., ANDREAZZA, A.C., NERY, F.G., MARTINS, M.R., QUEVEDO, J., SOARES, J.C., AND KAPOZINSKI, F. (2007). The Role of Hippocampus in the Pathophysiology of Bipolar Disorder. **Behav. Pharmacol.** 18, 419-430

GOOD M, HONEY RC. Conditioning and Contextual Retrieval in Hippocampal Rats. **Behav Neurosci.** 1991 Aug;105(4):499-509.

GRAEFF FG (1981) Minor Tranquilizers and Brain Defense Systems. **Braz J Med Biol Res.** 14(4-5):239-65.

GRAEFF, F.G. Brain defense systems and anxiety. (1990) In: Roth M. Burrows G.D., Noyes (eds). **Handbook of anxiety**, v. 3, pp. 307-354. Amsterdam: Elsevier

Graeff FG (2003) Serotonin, Periaqueductal Gray Matter and Panic Disorder. **Rev Bras Psiquiatr.** 25(2):42-5.

GRAY, JA. (1982) The Neuropsychology of Anxiety. **Oxford University Press**, New York.

GRAY, J., AND JEFFREY, A (1971). The Psychology of Fear and Stress. World University Library (**New York: McGraw-Hill**)

GRAY JA, MCNAUGHTON N (2000) The Neuropsychology of Anxiety: An Enquiry Into the Functions of the Septo-Hippocampal System (**Oxford Univ. Press, Oxford**), 2nd Ed.

GROSS, C.; HEN, R. (2004) The developmental origins of anxiety. **Nature Reviews Neuroscience**, 5: 545-552.

HELMSTETTER FJ, LANDEIRA-FERNANDEZ J. (1990) Conditional Hypoalgesia is Attenuated by Naltrexone Applied to the Periaqueductal Gray. **Brain Res.** 537(1-2):88-92.

HERMAN, JP., OSTRANDER, M.M., MULLER, N.K., AND FIGUEREDO, H (2005). Limbic System Mechanisms of Stress Regulation: Hypothalamo-Pituitary-Adrenocortical Axis. Prog. Neuropsychopharmacol. **Biol. Psychiatry** 29, 1201-1213.

HENKE, P.G. (1990). Hippocampal Pathway to the Amygdala and Stress Ulcer Development. **Brain Res. Bull.** 25, 691-695.

HIRSH, R., The Hippocampus and Contextual Retrieval of Information From memory: A Theory. **Behav Biol.** 1974 Dec;12(4):421-44.

[HONEY, RC.](#), [GOOD, M.](#) Selective Hippocampal Lesions Abolish the Contextual Specificity of Latent Inhibition and Conditioning. [Behav Neurosci.](#) 1993 Feb;107(1):23-33

IZQUIERDO I, DA CUNHA C, ROSAT R, JERUSALINSKY D, FERREIRA MB, MEDINA JH (1992) Neurotransmitter Receptors Involved in Post-Training Memory Processing by the Amygdala, Medial Septum, and Hippocampus of the Rat. **Behav Neural Biol.** 58(1):16-26.

JACOBSON, L., AND SAPOLSKY, R. (1991). The Role of the Hippocampus in Feed-Back Regulation of the Hypothalamic-Pituitary-Adrenocortical Axis. **Endocr. Rev.** 12, 118-134

J.M. WEISS, E. E. KRIECKHAUS, R. CONTE. Effects of Fear Conditioning of Subsequent Avoidance Behavior and Movement. **J. Comp. Physiol. Psychol.** 65 (1968) 413-421

J. PANKSEPP, S. SIVITY, L. NORMANSELL, K (1982) White, P. Bishop Effects of B-chlornaltrexamine on Separation Distress in Chicks Life **Sci.** 15-22;31(20-21):2387-90.

KENNEDY, PJ., SHAPIRO, ML., Retrieving Memories Via Internal Context Requires the hippocampus. [J Neurosci.](#) 2004 Aug 4;24(31):6979-85.

KJELSTRUP KG, TUVNES FA, STEFFENACH HA, MURISON R, MOSER EI, MOSER MB (2002). Reduced Fear Expression After Lesions of the Ventral Hippocampus. **Proc Natl Acad Sci U S A.** 99(16):10825-30.

KAPLAN, H.I.; SADOCK, B.J. (1990) **Compêndio de Psiquiatria.** Artes Médicas: Porto Alegre, 1990.

KELLY, D. (1980) Clinical aspects of anxiety. In: Thomas, C.C. (ed.) Anxiety and emotions. Publisher Springfield: Illinois, 3-19.

KIM, J.J.; FANSELOW, M.S. (1992) Modality-specific retrograde amnesia of fear. **Science**, 256: 675-677.

KIM JJ, RISON RA, FANSELOW MS (1993) Effects of Amygdala, Hippocampus, and Periaqueductal Gray Lesions on Short- and Long-Term Contextual Fear. **Behav Neurosci.** 107(6):1093-8.

LANDEIRA-FERNANDEZ, J., FANSELOW, M.S.; DEOCA, B.M. Opposite Roles of ventral and Dorsolateral Periaqueductal Gray in Conditional Fear-Related Defensive Behavior. **Society for Neuroscience**, 1992. p. 1005

LANDEIRA-FERNANDEZ, J. Pavlovian Context Conditioning. **Brazilian Journal of medical and Biological Research.** 1996Ç 29: 149-173

LANDEIRA-FERNANDEZ, J; DECOLA, J.P; KIM, J.J.; FENSELOW, M.S. Immediate Shock Deficit in Fear Conditioning: Effects of Shock manipulations. **Behavioral Neuroscience V.** 120, pp. 873-879, 2006

LANDGRAF, R.; WIGGER, A. (2002) High x low anxiety-related behavior rats: an animal model of extremes in trait anxiety. **Behav. Genet.**, 32: 301-314.

LANDGRAF, R.; WIGGER, A. (2003) Born to be Anxious: Neuroendocrine and Genetic Correlates of Trait Anxiety in HAB Rats. **Estresse**, 6(2): 111-119.

LANDGRAF, R.; KEßLER, M. S.; BUNCK, M.; MURGATROYD, C.; SPENGLER, D.; ZIMBELMANN, M.; NUßBAUMER, M.; CZIBERE, L.; TURCK, C. W.; SINGEWALD, N.; RUJESCU, D.; FRANK, E. (2007) Candidate Genes of Anxiety-Related Behavior in HAB/LAB Rats and Mice: Focus on Vasopressin and Glyoxalase-I. **Neuroscience and Biobehavioral Reviews**, 31: 89-102

LEDOUX JE, IWATA J, CICCHETTI P, REIS DJ (1988) Different Projections of the Central Amygdaloid Nucleus Mediate Autonomic and Behavioral Correlates of Conditioned Fear. **J Neurosci.** 8(7):2517-29.

LEDOUX, J. (2000) Emotion circuits in the brain. **Annu. Rev. Neurosci.** 23:155-184.

MAGIEREK V, RAMOS PL, DA SILVEIRA-FILHO NG, NOGUEIRA RL, LANDEIRA-FERNANDEZ J (2003) Context Fear Conditioning Inhibits Panic-Like Behavior Elicited by Electrical Stimulation of Dorsal Periaqueductal Gray. **Neuroreport.** 26;14(12):1641-4.

MAKI, Y., INOUE, T., IZUMI, T., MURAKI, I., ITO, K., KITAICHI, Y., LI, X., KOYAMA, T. Monoamine Oxidase Inhibitors Reduce Conditioned Fear Stress-induced Freezing behavior in Rats. **European Journal Pharmacology**, 2000; 406(3):411-8.

MAREN S, FANSELOW MS (1997) Electrolytic Lesions of the Fimbria/Fornix, Dorsal Hippocampus, or Entorhinal Cortex Produce Anterograde Deficits in Contextual Fear Conditioning in Rats. **Neurobiol Learn Mem.** 67(2):142-9

McEWEN, B.S., CONRAD, C.D., KURODA, Y., FRANKFURT, M., MAGARINOS, A.M., AND MCKITTRICK, C. (1997). Prevention of Stress-Induced Morphological and Cognitive Consequences. **Eur. Neuropsychopharmacol.** 7 (Suppl 3), S323-S328

MCHUGH SB, DEACON RM, RAWLINS JN, BANNERMAN DM (2004) Amygdala and Ventral Hippocampus Contribute Differentially to Mechanisms of Fear and Anxiety. **Behav Neurosci.** 118(1):63-78.

MCLEAN, P.D. The Limbic System with Respect to Self Preservation and the Preservation of the Species. **Journal of Nervous and Mental disease**, 1958; 127:1-10

MYER, J.S. Some effects of noncontingent aversive stimulation. In F. R. Brush (Ed.), Aversive Conditioning and Learning. New York; **Academic Press**, 1971

MORRIS, R.G.M. (1981). Spatial Localization Does not Require the Presence of Local Cues. **Learn. Motiv.** 12, 239-260.

MOSER MB, MOSER EI (1998) Functional Differentiation in the Hippocampus. **Hippocampus**. 8(6):608-19.

MOSER, M.B., MOSER, E.I., FORREST, E., ANDERSEN, P., and MORRIS, R.G. (1995) Spatial Learning with a Minislab in the Dorsal Hippocampus. **Proc. Natl. Acad. Sci. USA** 92, 9697-9701.

NARDI, A.E.; MENDLOWICZ, M.; FIGUEIRA, I.; ANDRADE, Y.; CAMISÃO, C.; MARQUES, C.; KINRYS, G.; COSCARELLI, P.; VERSIANI, M. (1996) Transtorno de Ansiedade Generalizada: Questões Teóricas e Diagnósticas. **J Bras Psiquiatr**, 45(3):173-178.

NOGUEIRA RL (1991) 5-HT Mediation of the Antiaversive Effect of Isamoltane Injected into the Dorsal Periaqueductal Grey. **Behav Pharmacol**. 2(1):73-77.

O'KEEFE J, NADEL L (1978) The Hippocampus as a Cognitive Map. **Oxford University Press**, Sydney

PAVLOV, I. (1927) **Conditioned Reflexes**. New York: Dover.

PHILLIPS RG (1992) Differential Contribution of Amygdala and Hippocampus to Cued and Contextual Fear Conditioning. **Behav Neurosci**. 106(2):274-85.

PHILLIPS RG, LEDOUX JE (1994) Lesions of the Dorsal Hippocampal Formation Interfere with Background but not Foreground Contextual Fear Conditioning. **Learn Mem**. 1(1):34-44.

RESCORLA, R.A., Behavioral Studies of Pavlovian Conditioning. **Annual Review of Neuroscience**, 1988; 11:329-352

RISOLD PY, SWANSON LW (1996) Structural Evidence for Functional Domains in the Rat Hippocampus. **Science**. 272(5267):1484-6.

RUIZ MARTINEZ, MA., LÓPEZ-VIOTA GALLARDO J., DE BENAVIDES MM., DE DIOS GARCÍA LÓPEZ-DURAN J., GALLARDO LARA V.,
Rheological Behavior of Gels and Meloxicam Release. **Int J Pharm.** 2007 Mar 21;333(1-2):17-23. Epub 2006 Sep 30.

SCOVILLE, W.B., AND MILNER, B. (1957). Loss of Recent Memory After Bilateral Hippocampal Lesions. **J. Neurol. Neurosurg. Psychiatry** 20, 11-21

SCHENBERG, L.C., MARÇAL, L.P.A., SEEBERGER, F., BARROS, M.R., SUDRE, E.M.C. L-Type Calcium Channels Selectively Control the Defensive Behaviors Induced by Electrical Stimulation of Dorsal Periaqueductal Gray and Overlying Collicular Layers. **Behav Brain Res** V. 111, pp. 175-85, 2000

SCHENBERG, L.C., BITTENCOURT, A.S., SUDRÉ., E.C., VARGAS, L.C. Modeling panic Attack Neurosci. **Biobehav. Rev** V. 25, pp.647-59, 2001

SIQUEIRA CC, ROSSONI RR, SCHENBERG LC (2009) Dorsal Periaqueductal Gray Matter-Evoked Panic-Like Behaviors are Markedly Inhibited by a Low Peripheral Dose of Thyrotropin Releasing Hormone. **Psychoneuroendocrinology.**

SMALL, W. Notes on the Psychic Development of Young White Rat. **American Journal of Psychology**, 1899; 11:80-100

SOKOLOV, E.N., AND VINOGRADA, O.S. (1975) Neuronal Mechanisms of the Orienting Reflex (**Mahwah, NJ: Erlbaum**).

SQUIRE LR (1992)_Memory and the Hippocampus: A Synthesis from Findings with Rats, Monkeys, and Humans. **Psychol Rev.** 99(2):195-231.

SUDRE, E.C., DE BARROS, M.R., SUDRE, G.N., SCHENBERG, L.C. Thresholds of Electrically Induced Defense Reaction of the Rat: Short-and Long Term Adaptation Mechanisms. **Behavioral Brain Research**, 1993; 20-58(1-2): 141-54

TIMBERLAKE, W., LUCAS, G.A. Behavior System and Learning: From Misbehavior to general Principles. Em: Klein S. E Mowrer R. (Editores). Contemporary Learning Theories: Instrumental Conditioning Theory and the Impact of Biological Constraints on Learning. Hillsdale, NJ: **Erlbaum**, 1989. p.237-275

VARGAS, L.C., MARQUES, T.A., SCHENBERG, L.C. Micturition and Defensive Behaviors are Controlled by Distinct Neural Networks within the Dorsal Periaqueductal Gray and Deep Gray Layer of the Superior Colliculus of the Rat. **Neuroscience Lett**. V. 280, pp. 45-8, 2000.

VARGAS, L.C., SCHENBERG, L.C. Long-term Effects of Clomipramine and Fluoxetine on Dorsal Periaqueductal Gray-Evoked Innate Defensive Behaviours of the Rat. **Psychopharmacology**. V. 155, pp. 260-8, 2001

VIANNA DM, LANDEIRA-FERNANDEZ J, BRANDÃO ML (2001) Dorsolateral and Ventral Regions of the Periaqueductal Gray Matter are Involved in Distinct Types of Fear. **Neurosci Biobehav Rev**. 25(7-8):711-9.

VYAS A, BERNAL S, CHATTARJI S (2003) EFFECTS OF CHRONIC STRESS ON DENDRITRIC Arborization in the Central and Extended Amygdala. **Brain Res** 965:290-294

WOOD SC, ANAGNOSTARAS SG. Interdependence of measures in Pavlovian conditioned freezing. **Neurosci Lett**. 2011 Nov 14;505(2):134-9. Epub 2011 Oct 8.