

Bibliographie du site internet

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708 références au 26 décembre 2011

1. -Abadie V, Chéron G, Lyonnet S, Hubert P, Couly G Le dysfonctionnement néonatal isolé du tronc cérébral Arch Pédiatr 1996;3:130-136
2. -Abadie V, Champagnat J, Fortin G, Couly G Succion-déglutition-ventilation et gènes du développement du tronc cérébral Arch Pédiatr 1999;6:1043-1047
3. -Adelon Nicolas bâillement dictionnaire de médecine tome 3 Bêchet Jeune Paris 1821
4. -Adolphs R, H Damasio, D Tranel, A Damasio Cortical systems for the recognition of emotion in facial expressions J Neurosci 1996;16(23):7678-7687
5. -Aloe F Yawning. Arq Neuropsiquiatr 1994;52(2):27-36
6. -Aminoff Michael J Yawning Neurology and general medicine Churchill Livingstone New York
7. -Anias-Calderon J et al Adrenalectomy and dexamethasone replacement on yawning behavior Behav Brain Res 2004;154:255-259
8. -Anias J, Homgren B, Urba Holmgren, Eguibar JR Circadian variation of yawning behavior Acta Neurobiol Exp 1984;44:179-186
9. -Anderson JR, Wunderlich D Food-reinforced yawning in Macaca tonkeana American Journal of Primatology 1988;16:165-169
10. -Anderson JR et al Contagious yawning in chimpanzees The Royal Society Biology Proc R Soc Lond B Biol Sci 2004;271 Suppl 6:S468-470
11. -Anderson JR et al Psychological influences on yawning in children Current Psychology Letters Behaviour, brain, cognition 2003;2(11)
12. -Anderson JR, Matsuzawa T Yawning, an opening into empathy in Cognitive Development in Chimpanzees. Springer 2006:233-245
13. -Andy OJ, Jurko M Diencephalic seizures Appl neurophysiol 1983;46:62-67
14. -Arai K, Kita K; et al Progressive dysautonomia in hemangioblastoma in the region of the fourth ventricle No To Shinkei 1986;38(2):195-200.
15. -Argiolas A, Melis MR, Gessa GL Intraventricular oxytocin induces yawning and penile erection in rats Europ J Pharmacol 1985;117:395-396
16. -Argiolas A et al Oxytocin : an extremely potent inducer of penile erection and yawning in male rats Europ J Pharmacol 1986;130:265-272
17. -Argiolas A, Gessa GL Central functions of oxytocin. Neurosci Biobehav Rev 1991;15(2):217-231
18. -Argiolas A, Melis MR The neuropharmacology of yawning Eur Pharmacol 1998;343(1):1-16
19. -Argiolas A, Melis MR; Gessa GL Yawning and penile erection: central dopamine-oxytocin-adrenocorticotropin connection. Ann N Y Acad Sci 1988;525:330-7
20. -Argiolas et al Oxytocin-induced penile erection and yawning in male rats: effect of neonatal monosodium glutamate and hypophysectomy Psychopharmacology 1989;97:383-387
21. -Argiolas A et al Role of calcium in the expression of ACTH-induced stretching, yawning and penile erection Brain Research Bulletin 1990; 24:853-856
22. -Argiolas A, Melis MR, Murgia S, Schioth HB, ACTH and alpha-MSH induced grooming; stretching; yawning and penile erection in male rats: site of action in the brain and role of melanocortin receptors. Brain Res Bull 2000;51(5):425-31
23. -Argiolas A, Melis MR, Gessa GL Yawning: neurochemistry; physiology and pathology Cephalgia 1987;7(suppl 6):131-137
24. -Argiolas A, MR Melis et al Monosodium glutamate does not alter ACTH- or apomorphine-induced penile erection and yawning Pharmacol Biochem Behav 1987;26:503-507
25. -Argiolas A, Gessa GL Paraventricular nucleus lesion prevents yawning and penile erection induced by apomorphine and oxytocin but not by ACTH in rats Brain Research 1987;421:349-352
26. -Argiolas A, Melis MR Oxytocin-induced penile erection and yawning: role of calcium and prostaglandins Pharmacol Biochem Behav 1990;35(3):601-605
27. -Arnott SR, Singhal A, Goodale MA. An investigation of auditory contagious yawning. Cogn, Aff Behav Neuosci. 2009;9(3):335-342
28. -Asencio M et al Biochemical and behavioral effects of boldine and glaucine on dopamine systems Pharmacol Biochem Behav 1999;62(1):7-13
29. -Askenasy JJ Is yawning an arousal defense reflex? J Psychol 1989;123(6):609-621
30. -Askenazy JJ, Askenazy N Inhibition of muscle sympathetic nerve activity during yawning Clinical Autonomic Research 1996;6:237-239
31. -Aubin HJ, Garma L le bâillement Psychiatrie & psychobiologie 1988;3:275-286

32. -Aubin HJ, Garma L Yawning: a vigilance-enhancing factor? *Sleep Res* 1989;18:4
33. -Aumente Baena J Contribucion a la clinica de los bostezos *Revista Clinica Espanola* 1953;(12):308-314
34. -Aureli F, de Waal FB Inhibition of social behavior in chimpanzees under high-density conditions. *Am J Primatol* 1997;41(3):213-28
35. -Avidan A Dislocation of the temporomandibular joint due to forceful yawning during induction with propofol *J Clin Anesth*; 2002;14:159
36. -Ayappa I, Rapaport D The upper airway in sleep: physiology of the pharynx *Sleep Med Reviews* 2003;7(1)9-33
37. -Baenninger R, Binkley S, Baenninger M Field observations of yawning and activity in humans. *Physiol Behav* 1996;59(3):421-425
38. -Baenninger R Some comparative aspects of yawning in *Betta sleepnes; Homo Sapiens; Pantera leo* and *Papio sphinx* *J.Comp. Psycho* 1987;101:349-354
39. -Baenninger R, Greco M Some antecedents and consequences of yawning *Psychological Record* 1991;41:453-460
40. -Baenninger R On yawning and its functions *Psychonomic Bulletin & review* 1997;4; 2; 198-207
41. -Baggio G, Ferrari F The role of dopaminergic receptors in the behavioral effects induced by lisuride in male rats *Psychopharmacology* 1983;80:38-42
42. -Balaban E Changes in multiple brain regions underlie species differences in a complex; congenital behavior *Proc Natl Acad Sci USA*; 1997;94:2001-2006
43. -Baladi MG, Newman AH, France CP. Influence of body weight and type of chow on the sensitivity of rats to the behavioral effects of the direct-acting dopamine-receptor agonist quinpirole. *Psychopharmacology (Berl)*. 217:573-585
44. -Baldwin DM et al. Effects of intraventricular infusions of ACTH 1-24 and ACTH 4-10 on LH release, ovulation and behavior in the rabbit *Brain Research* 1974;80:291-301
45. -Banks RJ, Mozley L, Dourish CT. The angiotensin converting enzyme inhibitors captopril and enalapril inhibit apomorphine-induced oral stereotypy in the rat. *Neuroscience*. 1994;58(4):799-805
46. -Barbeau A, Gonce M, Kastin AJ Neurologically active peptides *Pharmacol Biochem Behav* 1976;5 (suppl 1):159-63
47. -Barbizet J Yawning *J Neurol Neurosurg Psychiat* 1958;21:203-209
48. -Barbizet J Le bâillement *Le Concours Médical* 1958;80(5):537-548
49. -Barbizet J Bâillement et vigilance *Revue de gérontologie* juin 1959
50. -Barlow G Ethology of the Asian Teleost *Badis badis* *Zeitschrift für Tierpsychology* 1964;21:99-123
51. -Barthamus GT, SZielinski W. *Xenopus* Skin Mucus Induces Oral Dyskinesias *Pharmacol Biochem Behav* 1988;30:957-959
52. -Bartlett RH et al Physiology of yawning and its application to postoperative care *Surgical Forum* 197021: 222-223
53. -Bartlett RH et al The yawn maneuver: prevention and treatment of postoperative pulmonary complications *Surgical Forum* 1971;22:196-198
54. -Barros H et al Behavioural manifestations elicited by apomorphine, influence of the route of administration *Pharmacology* 1989;38:335-340
55. -Bauer G, Gerstenbrand F, Hengl W Involuntary motor phenomena in the locked-in syndrome *J Neurol* 1980;223(3):191-8
56. -Beale MD, Murphree TM Excessive yawning and SSRI therapy. *Int J Neuropsychopharmacol* 2000;3(3):275-276
57. -Beckmann H; Zimmer R An ethological interpretation of stereotypy induced by environmental stimulus *Arch Psychiatr Nervenkr* 1981;230(1):81-89
58. -Bees HD et al. Behavioral and biochemical responses of mice to the intraventricular administration of acth analogs and lysine vasopressin. *Life Sci* 1976;18:1333-1340
59. -Beltramo M, de Fonseca et al Reversal of dopamine D2 receptor responses by an anandamide transport inhibitor *J Neurosci* 2000;20(9):3401-3407
60. -Benoit A, Caplier A Hypovigilance analysis: blinking or yawning frequency *Advanced Video and Signal Based Surveillance* 2005:207-212
61. -Benoit A, Bonnard L et al. Multimodal focus attention and stress detection and feedback in an augmented driver simulator. *Pers Ubiquit Comput* 2009;13:33-41
62. -Bentley JC et al Investigation of stretching behaviour induced by the selective S-HT6 receptor antagonist, Ro 04-6790, in rats *British J Pharmacol* 1999;126:1537-1542
63. -Berendsen HG Androgenic influences on apomorphine-induced yawning in rats *Behavioral and neural biology* 1981;33:123-128
64. -Berendsen HG, Gower AJ Opiate influences on drug-induced yawning in the rat *Behav Neural Biol*. 1981;33(1):123-128
65. -Berendsen HG, Gower AJ Opiate-androgen interactions in drug-induced yawning and penile erections in the rats *Neuroendocrinology* 1986;42:185-1901

66. -Berendsen H et al Involvement of 5-HT_{1c}-receptors in drug-induced penile erections in rats *Psychopharmacology* 1990;101:57-61
67. -Bernardi MM, Kirsten TB, Lago JH et al. *Nepeta cataria* L. var. *citriodora* (Becker) increases penile erection in rats. *J Ethnopharmacol* 2011;137(3):1318-1322
68. -Bertschy G, Vandell S, Sechter D, Bizouard P Bâillements et excitation sexuelle sous clomipramine. Place des mécanismes serotoninergiques. A propos of 2 cases *Encephale* 1991;17(6):515-517
69. -Bertolotti M. Etude sur la pandiculation automatique des hémiplésiques *Rev Neurol* 1905;2(19):953-959
70. -Berzin F, Fortinguerra CR. EMG study of the anterior, superior and posterior auricular muscles in man. *Ann Anat.* 1993;175(2):195-197
71. -Beyaert CA , et al Effect on airway caliber of stimulation of the hypothalamic locomotor region *J Appl Physiol* 1998;84:1388-1394
72. -Bidat E, Sznajder M, Fermanian Elaboration d'un questionnaire diagnostique du syndrom d'hyperventilation chez l'enfant *Rev Mal Respir* 2008;25(7):829-838
73. -Bigot-Massoni D Le bâillement Thèse de doctorat en médecine Fac Lariboisière Prof CH Chouard 1989
74. -Billard et coll Troubles de l'éveil et du sommeil *Revue du Praticien* 1996;46:20
75. -Bielert C Testosterone Propionate Treatment of an XY Gonadal Dysgenetic Chacma Baboon. *Hormones Behav* 1985;19:372-385
76. -Billeth R, Jorgler E, Baumhackl U Bilateral anterior operculum syndrome *Nervenarzt* 2000;71(8):651-4
77. -Blau JN. Resolution of migraine attacks: sleep and the recovery phase. *J Neurol Neurosurg Psychiatry.* 1982;45(3):223-226
78. -Blau JN Migraine postdromes: symptoms after attacks *Cephalgia* 1991;11;(5):229-31
79. -Blin, Danjou, Warot, Fondarai, Puech Induction of yawning by low doses of apomorphine *Psychiatr et psychobiol;* 1988;3:195-199
80. -Blin O, Masson G, Azulay JP, Fondarai J, Serratrice G Apomorphine-induced blinking and yawning in healthy volunteers. *Br J Clin Pharmacol* 1990;30(5):769-73
81. -Blin O, Azulay JP, Masson G, Aubrespy G, Serratrice G Apomorphine-induced yawning in migraine patients: enhanced responsiveness *Clin Neuropharmacol* 1991;14(1):91-5
82. -Blin O, Rasol O, Azulay JP, Serratrice G A single report of an hemiplegic arm stretching related to yawning: further investigation using apomorphine administration *J Neuro Sci* 1994;126:225-227
83. -Blin O le bâillement en neuropsychopharmacologie clinique. *Lettre du pharmacologue* 1996;10:217-219
84. -Blin O, Azulay JP, Masson G, Serratrice G Le bâillement; physiopathologie et neuropharmacologie *Thérapie* 1991;46:37-43
85. -Boone DR, McFarlane SC A critical view of the yawn-sigh as a voice therapy technique *J Voice* 1993;7(1):75-80
86. -Bordiushkov IuN A method of graphic registration of the act of yawning and others form of mouth movements *Biull Eksp Biol Med* 1958;46(7):885-887
87. -Borsini F, Bordi F, Riccioni T. 5-HT₆ pharmacology inconsistencies. *Pharmacol, Biochem, Behav.* 2011;98: 169-172
88. -Bourson A, Moser PC Yawning induced by apomorphine; physostigmine or pilocarpine is potentiated by dihydropyridine calcium channel blockers *Psychopharmacology (Berl)* 1990;100(2):16-20
89. -Bourson A The effects of pre and post-operative procedures on physostigmine and apomorphine induced yawning in rats *Br J Pharmacology* 1989;34:915-917
90. -Bouyssou M, Tricoire J Experimental detection of a cervical arousal mechanism of yawning, enhancing intracerebral (CSF) fluid pressure *J Dental Res* 1985;64:721
91. -Brainin M, Elsenstädter A Lithium-triggered chronic cluster headache *Headache* 1985;25:394-395
92. -Bromage PR Yawning *BMJ* 31/01/1959 p304
93. -Brown RW, Perna MK, Schaefer TL, Williams MT. The effects of adulthood nicotine treatment on D₂-mediated behavior and neurotrophins of rats neonatally treated with quinpirole. *Synapse* 2006;59(5):253-259
94. -Brumback RA Weinberg's syndrome: a disorder of attention and behavior problems needing further research. *Child Neurol* 2000;15(7):478-80
95. -Buijs RM; Kalsbeek A Hypothalamic integration of central and peripheral clocks *Nature R Neuroscience* 2001;2:521- 525
96. -Brus R , R Szkilnik, RM Kostrzewa Nitric oxide (NO) and central dopamine (DA) D₃ receptor reactivity to quinpirole in rats *Act Neurobiol Exp* 1996;56:15-19
97. -Cahill CA Yawn maneuver to prevent atelectasis *AORN* 1978;27(5):1000-1004
98. -Cameron JL et al Dopaminergic stimulation of oxytocin concentrations in the plasma of male and female monkeys by apomorphine and a D₂ receptor agonist *Journal of Clinical Endocrinology and Metabolism* 1992;75(3):855-860

99. -Campbell M et al. Computer animations stimulate contagious yawning in chimpanzees *Proceed Royal Soc Biol* 2009;276(1676):4255-4259
100. -Campbell MW, de Waal FB. Ingroup-Outgroup Bias in Contagious Yawning by Chimpanzees Supports Link to Empathy. *Plos One*. 2011;6(4):1-4
101. -Canales JJ, SD Iversen Psychomotor activating effects mediated by dopamine D2 and D3 receptors in the nucleus accumbens *Pharmacol Biochem Behav* 2000;67:161-168
102. -Canales JJ, Iversen SD Dynamic dopamine receptor interactions in the core and shell of nucleus accumbens differentially coordinate the expression of unconditioned motor behaviors *Synapse* 2000;36:297-306
103. -Carr L, Iacoboni M et al Neural mechanisms of empathy in humans: A relay from neural systems for imitation to limbic areas *PNAS*; 2003;100(9):5497-5502
104. -Carskadon MM Yawning elicited by reading: effects of sleepiness. *Sleep research* 1992;21:101
105. -Carskadon MM Yawning elicited by reading : is an open mouth sufficient stimulus ? *Sleep research* 1991;20:116
106. -Casas M , Guardia J, Prat G, Trujols J The apomorphine test in heroin addicts *Addiction*1995;90:831-835.
107. -Casciato S, Di Bonaventura C, et al. Recurrent partial seizures with ictal yawning as atypical presentation of Hashimoto's encephalopathy (steroid-responsive encephalopathy associated with autoimmune thyroiditis). *Epilepsy Behav*. 2011;22(4):799-803.
108. -Caswell TA. The effects of status on yawning behavior. Thesis. Arizona University. 1991
109. -Cattaneo L et al. Pathological yawning as a presenting symptom of brainstem ischemia in two patients *J Neurol Neurosurg Psychiatr* 2006;77(1):98-100 et réponse O. Walusinski
110. -Cerbo R, Barbanti P, Buzzi MG, et al. Dopamine hypersensitivity in migraine: role of the apomorphine test. *Clin Neuropharmacol* 1997;20(1):36-41
111. -Chakradhara Rao US, Suresh Kumar S. Is high frequency yawning: A behavioural event of ethanol withdrawal. *Medical Hypotheses* 2011
112. -Charcot JM Leçon du mardi de la Salpêtrière Tome II; Lecrosnier et Babé ed Paris; p1-11; 1890
113. -Chaminade T, Meary D, Orliaguet JP, Decety J Is perceptual anticipation a motor simulation ? a PET study *Neuroreport* dec 2001;12(17):3669-3674
114. -Chang CC et al. Amelioration of pathological yawning after tracheostomy in a patient with locked-in syndrome. *Europ J Neurol* 2008;15:e66-e67
115. -Chang CC et al Excessive yawning induced by stimulation of myofascial trigger point. *Europ J Neurol* 2009;16:e118-e119
116. -Chase MH, McGinty DJ, Sterman MB Cyclic variation in the amplitude of a brainstem reflex during sleep and wakefulness *Experientia*1968; 24(1):47
117. -Chen CH, Lu ML Venlafaxine-induced excessive yawning. *Prog Neuropsychopharmacol Biol Psychiatry*. 2009;33(1):156-157
118. -Chen J, Collins GT et al Design, Synthesis, and Evaluation of Potent and Selective Ligands for the Dopamine 3 (D3) Receptor with a Novel in Vivo Behavioral Profile *J Med Chem* 2008;51:5905-5908
119. -Chouard CH, Bigot-Massoni D Mechanisms and physiologic role of yawning. [en français] *Ann Otolaryngol Chir Cervicofaciale* 1990;107(3):145-153
120. -Chouinard S, Ford B Adult onset tic disorders *J Neurol Neurosurg Psychiatry* 2000;68:738-743
121. -Choy CK; Cho P; Chung WY; Benzie IF Water-soluble antioxidants in human tears: effect of the collection method. *Invest Ophthalmol Vis Sci* 2001;42(13):3130-3134
122. -Chudler EH, Byers MR Behavioural responses following tooth injury in rats *Arch Oral Biol* 2005;50(3):333-340
123. -Cialdini RB, McPeck RW. Yawning, Yielding, and Yearning to Yawn. Paper presented at the meeting of the Midwest Psychological Association. Chicago, May 1974
124. -Clark DR. Stretching and yawning with Yeats and Pound. *The Malahat Review*. 1974;29:104-107
125. -Cochran CA, Perachio AA. Dihydrotestosterone Propionate Effects on Dominance and Sexual Behaviors in Gonadectomized Male and Female Rhesus Monkeys. *Hormones Behavior* 1977;8:175-187
126. -Code RA , Tang AH Yawning produced by dopamine agonists in rhesus monkeys *E J Pharmacology* 1991;201:235-238
127. -Cohen AJ Fluoxetine-induced yawning and anorgasmia reversed by cyproheptadine treatment. *Clin Psychiatry* 1992;53(5):174
128. -Colbern D et al. Limbic-midbrain lesions and acth-induced excessive grooming *Life Sci* 1977;21:393-402
129. -Collins GT, JM Witkin et al Dopamine agonist-induced yawning in rats: a dopamine d3 receptor mediated behavior. *J Pharmacol Exp Ther* 2005;314(1):310-9.
130. -Collins GT, Newman AH, Woods JH et al. Yawning and hypothermia in rats: effects of dopamine D3 and D2 agonists and antagonists. *Psychopharmacology (Berl)*. 2007;193(2):159-170
131. -Collins GT. et al. Food restriction alters pramipexole-induced yawning, hypothermia, and locomotor

- activity in rats: Evidence for sensitization of dopamine D2 receptor-mediated effects. *JEPT* 2008;325:691-697
132. -Collins GT et al. Narrowing in on compulsions: dopamine receptor functions *Exp Clin Psychopharmacol* 2008;16(4):498-502
 133. -Collins GT et al. Pro-erectile Effects of Dopamine D2-like Agonists are Mediated by the D3 Receptor in Rats and Mice *JPEP* 2009;329(1):210-217
 134. -Collins GT, Truong YN, et al. Behavioral sensitization to cocaine in rats: evidence for temporal differences in dopamine D(3) and D (2) receptor sensitivity. *Psychopharmacology (Berl)*. 2011;215(4):609-20.
 135. -Colosimo C, Francesco E, Pontieri, Virgilio Gerald H. et al. Yawning in Parkinson's disease *Neurology* 1999;52(2):428
 136. -Conceicao IM, Frussa-Filho R Effects of a single administration of buspirone on catalepsy; yawning and stereotypy in rats *Braz J Med Biol Res* 1993;26(1):71-74
 137. -Cooper N, Puzzo I, Pawley A Contagious yawning: the mirror neuron system may be a candidate physiological mechanism *Medical Hypotheses* 2008;71(6):975-976
 138. -Cooper SJ, Dourish CT Neural basis of drug induced yawning in neurobiology of stereotyped behaviour Oxford ed 1990
 139. -Cooper SJ, Rusk IN, Barber DJ. Yawning Induced by the Selective Dopamine D2 Agonist N-0437 is Blocked by the Selective Dopamine Autoreceptor Antagonist (+)-UH 232. *Physiol Behav*. 1989;45:1263-1266
 140. -Cope ZA, Huggins KN, et al. Neonatal quinpirole treatment enhances locomotor activation and dopamine release in the nucleus accumbens core in response to amphetamine treatment in adulthood. *Synapse*. 2009;64(4):289-300.
 141. -Couly G Development of the face in the embryo *Revue du praticien* 1991;41:1 7-15
 142. -Courserant Bâillements continuel; une observation. *Gazette des hôpitaux civils et militaires* 10/1846;f 119:475
 143. -Couture A Des Dieux qui bâillent et qui font bâiller dans la mythologie de l'Inde *Sciences Religieuses* 2009;38(3-4):411-425
 144. -Cronin TG Yawning : an early manifestation of vasovagal reflex *AJR*; 1988;150:209
 145. -Crosby L, Parsons LC Clinical neurologic assessment tool: development and testing of an instrument to index neurologic status. *Heart Lung* 1988;18(2):121-129
 146. -Crouzon et Ducas Mouvements involontaires de la face et de la tête; à allure de spasmes rythmiques; survenant chez un malade atteint d'encéphalite léthargique *Revue de Neurologie Paris n°5*; mai 1928
 147. -Cummings P et al Drowsiness; counter-measures to drowsiness; and the risk of a motor vehicle crash *Injury Prevention* 2001;7:194-199
 148. -Czyrak A et al. Some central pharmacological effects of the calcium channel antagonist flunarizine *J Neural Transm* 1991;83:179-188
 149. -Dale RC et al. Encephalitis lethargica syndrome: 20 new cases and evidence of basal ganglia autoimmunity *Brain* 2004;127(1):21-33
 150. -d'Andréa C, Méliet JL, Staikowski F Paralygies faciales périphériques d'origine dysbarique. *Presse Med*. 2008;37(4 Pt 2):643-647
 151. -Daquin G, Micallef J, Blin O Yawning *Sleep Medicine Reviews* 2001 5(4):299-312
 152. -da Silva GE Potentiation of penile erection and yawning responses to apomorphine by cannabinoid receptor antagonist in rats *Neurosci Letter* 2003;349(1):49-52
 153. -de Castro Siqueira L. Yawning and thermoregulation in budgerigars: lack of support from results. *Animal Behaviour* 2009;78(6):e1-e2
 154. -Decety J, Chaminade T, Grèzes J, Meltzoff A PET exploration of neural mechanisms involved in reciprocal imitation *NeuroImage* 2002;15:265-272
 155. -Decety J, Nadel J *Imiter pour découvrir l'humain* PUF ed (Paris) 2002 & autres articles de J Decéty
 156. -Dejerine J *Sémiologie des affections du système nerveux* Masson Paris 1914
 157. -De Las Cuevas C, Sanz EJ Duloxetine-induced excessive disturbing and disabling yawning. *J Clin Psychopharmacol*. 2007;27(1):106-107.
 158. -Delbende C, Jegou S et al Role of alpha-MSH and related peptides in the central nervous system *Rev Neurol (Paris)* 1985;141(6-7):429-439
 159. -Del Bene E, Poggioni M Video assessment of yawning induced by sublingual apomorphine in migraine *Headache* 1994;34(9):536-8
 160. -Dellini-Stula A, Hunn V Effects of single and repeated treatment with antidepressants on apomorphine-induced yawning in the rat: the implication of alpha-1 adrenergic mechanisms in the D-2 receptor function *Psychopharmacology* 1990;101:62-66
 161. -Delius JD. Irrelevant behaviour, information processing and arousal homeostasis. *Psychol Forsch*. 1970;33(2):165-88.
 162. -Delmas Marsallet P Le signe du bâillement dans les lésions du cerveau frontal. *Oto-neuro-ophthalmologie* 1937;15:183

163. -De Marco A, Cozzolino R et al. Interactions Between Third Parties and Consortship Partners in Tonkean Macaques (*Macaca tonkeana*). *Int J Primatol* 2011;32:708–720
164. -de Mateos-Verchere JG The octadecaneuropeptide ODN inhibits apomorphine-induced yawning in rats *European J of Pharmacology* 1998;357:121-122
165. -Depoortere R et al. Penile erection and yawning induced by dopamine D2-like receptor agonists in rats *Behavioural Pharmacol* 2009;20(4):303-31
166. -Deputte BL Study of yawning in two species of Cercopithecidae; *Cercocebus albigena albigena gray* and *Macaca fascicularis raffles*: Research on causal and functional factors; A consideration of socio-bioenergetic factors. Thèse présentée devant l'Université de Rennes; pour obtenir le titre de Docteur en Troisième Cycle; February 1978.
167. -Deputte BL Revue sur le comportement de bâillement chez les vertébrés *Bull interne société française pour l'étude du comportement animal*.1974;1:26-35.
168. -DeputteBL, Johnson J, Hempel M, Scheffler G Behavioral effects of an antiandrogen in adult male rhesus Macaques. *Hormones and behavior* 1994;28:155-164
169. -Deputte BL, Fontenelle A Menace et bâillement chez *Macaca Fascicularis*: intérêt de l'étude électromyographique comparée.*Biology of behaviour* 1980 5:47-54
170. -Deputte BL Ethological study of yawning in primates *Ethology* 1994; 98:221-245
171. -de Vries, Visser, Prechtl The emergence of fetal behaviour *Early Human Development* 1982;7:301-322
172. -de Wied D Behavioral pharmacology of neuropeptides related to melanocortins and the neurohypophyseal hormones.*Eur J Pharmacol* 1999;375(1-3):1-11
173. -Dewey RB Jr, Hutton JT, LeWitt PA, Factor SA A randomized; double-blind; placebo-controlled trial of subcutaneously injected apomorphine for parkinsonian off-state events.*Arch Neurol* 2001;58(9)1385-1392
174. -Diaz-Romero M, Eguibar JR, Moyaho A Bombesin decreases yawning in a high-yawning subline of Sprague-Dawley rats *Pharmacol Bioch Behav* 2002;71:103-109
175. -Diaz-Romero M, JA Arias-Montano et al. Enhanced binding of dopamine D(1) receptors in caudate-putamen subregions in High-Yawning Sprague-Dawley rats *Synapse* 2005;56(2):69-73
176. -Dijksterhuis Ap et al The perception-behavior expressway automatic effects of social perception on social behavior *BBS* 2003
177. -Di Martino EF, Thaden R, Antweiler C, et al. Evaluation of Eustachian tube function by sonotubometry: results and reliability of 8 kHz signals in normal subjects *Eur Arch Otorhinolaryngol*. 2007;264(3):231-236
178. -D'Mello, Vincent, Lerner Yawning as complication of electroconvulsive therapy and concurrent neuroleptic withdrawal. *The Journal of Nervous and Mental Disease*; 1988;176(3):188-189
179. -Doger E, Urba-Holmgren R, Eguibar JR, Holmgren B GABAergic modulation of yawning behavior.*Pharmacol Biochem Behav* 1989;34(2):237-240
180. -Doherty PC, Wisler PA Stimulatory effects of quinolorane on yawning and penile erection in the rat *Life Science* 1994;54(7):507-51
181. -Donat JF, Wright FS Unusual variants of infantile spasms *J Child Neurol* 1991;6(4):313-8
182. -Dorr RT, Lines R, Levine N, Brooks C, et al. Evaluation of melanotan-II, a superpotent cyclic melanotropic peptide in a pilot phase-1 clinical study *Life Sciences* 1996;58(20):1777-1784
183. -Dourish CT, SJ Cooper Yawning elicited by systemic and intrastriatal injection of piribedil and apomorphine in the rat *Psychopharmacology* 1985;86:175-181
184. -Dourish CT, PH Hutson Bilateral lesions of the striatum induced with 6-hydroxydopamine abolish apomorphine-induced yawning in rats *Neuropharmacology* 1985;24(11):1051-1055
185. -Dubuc I, Protais P et al Antagonism of the apomorphine-induced yawning by atypical neuroleptics *Neuropharmacology* 1982;21:1203-1206
186. -Elo H Yawning and thermoregulation *Sleep Breath*. 2010;14(4):391-2.
187. -Edsman CM Gähnen in *Die Religion in Geschichte und Gegenwart*. Galling K and Werbeck W, ed. Tübingen. Mohr. 1958. 7 vols (vol 2), 1186.
188. -Egerman RS, Emerson DS A fetal yawn *N Eng J Med* 1996;335:1497
189. -Eguibar JR et al Behavioral differences between selectively bred rats: D1 versus D2 receptors in yawning and grooming *Pharmacology; Biochemistry and Behavior* 2003;74:827-832
190. -Eguibar JR et al Genotype-dependent effect of ACTH 1-24 on grooming and yawning in two inbred strains of rats *Neuropeptides* 2004;38:283-288
191. -Elliott L, Coleman et al. Effect of posture on levels of arousal and awareness in vegetative and minimally conscious state patients: a preliminary investigation *JNNP* 2005;76:298-299
192. -Elo H Yawning and thermoregulation *Sleep Breath*. 2010;14(4):391-2.
193. -Elo H. Yawning cannot cause significant temperature decreases in humans. *Sleep Med* 2011;12(1)102
194. -Estow S, Jamieson JP, Yates JR. Self-monitoring and mimicry of positive and negative social behaviors *J Res Personality*.. 2007;41(2):425-433
195. -Evans SM, Griffiths RR Caffeine withdrawal: a parametric analysis of caffeine dosing conditions. *J*

- Pharmacol Exp Ther. 1999;289(1):285-294.
196. -Evans EB Yawning in pharyngeal obstruction British medical J 1978;1(6110):443-444
 197. -Evidente VG, Hardy KG Yawning in Parkinson's disease. Neurology 1999;52(2):428
 198. -Evidente VG Is it a tic or tourette's? Clues for differentiating simple from more complex tic disorders Postgrad Med 2000; 108(5):175-176 et 179-182
 199. -Fanciullacci M, Alessandri M, Del Rosso A Dopamine involvement in the migraine attack. Funct Neurol 2000;15 Suppl 3:171-81
 200. -Feranchak AP, Orenstein SR, Cohn JF. Behaviors associated with onset of gastroesophageal reflux episodes in infants. Prospective study using split-screen video and pH probe. Clin Pediatr (Phila). 1994;33(11):654-662
 201. -Ferrari W Behavioural changes in animals after intracisternal injection with adrenocorticotrophic hormone and melanocytostimulating hormone Nature 1958;161(4613):925-926
 202. -Ferrari W, Gessa, GL, Vargiu L Behavioral effects induced by intracisternally injected ACTH and MSH Ann NY Acad Sci 1963;104:330
 203. -Ferrari F et al Influence of sildenafil on central dopamine-mediated behaviour in male rat Life Science 2002;70:1501-1508
 204. -Ferrari F, Mangiafico V Effect of isolation on dopaminergic agonist-induced penile erections and stretching and yawning in male rats Behavioural Brain Res 1988;28:309-313
 205. -Ferrari F, Giuliani D Involvement of dopamine D2 receptors in the effect of cocaine on sexual behaviour and stretching-yawning of male rats Neuropharmacology 1997;36(6):769-777
 206. -Ferrari F Sexual excitement and stretching and yawning induced by b-ht 920 Pharmacological Research Communications 1985;17(6):557-563
 207. -Fink JN Localization of the "sneeze center" Neurology 2001;56(1)138
 208. -Flechter S, Cohen F, Borenstein F, Regev I, Vardi J, Yawning as a paroxysmal sign of diencephalic seizures. Archivio di Psicologia Neurologia e Pichiatria 1982;43:45-54
 209. -Fontenot MB, Padgett EE et al The effects of fluoxetine and buspirone on self-injurious and stereotypic behavior in adult male rhesus macaques. Comp Med. 2005;55(1):67-74.
 210. -Fontenot MB, WilkesMN, Lynch CS Effects of Outdoor Housing on Self-Injurious and Stereotypic Behavior in Adult Male Rhesus Macaques (Macaca mulatta). J Am Ass Laboratory Animal Science 2006; 45(5):35-43
 211. -Forté MC thèse le bâillement 1982
 212. -Frank D et al. Puppy behaviours when left home alone: a pilot study Applied Anim Behav Sci. 2007
 213. -Fraser AF Pandiculation: the comparative phenomenon of systematic stretching Appl Anim Behav Sci 1989;23:263-268
 214. -Fraser AF The phenomenon of pandiculation in the kinetic behaviour of the sheep fetus. Appl Anim. Behav. Sci., 1989;24:169-182
 215. -Freye E Acute abstinence syndrome following abrupt cessation of long-term use of tramadol : a case study Europ J Pain 2000;4:307-311
 216. -Fundaro A Chronic nimodipine and yawning behavior in grouped or individually housed rats Prog europsychopharmacol Biol Psychiatry 1996;20(1):121-127
 217. -Furtado D Provocation spinale d'un réflexe de bâillement Rev Oto Neuro Ophtalmolo 1951;23(1)
 218. -Fujikawa M, K Yamada Involvement of beta-adrenoceptors in regulation of the yawning induced by neuropeptides, oxytocin and a-Melanocyte-Stimulating Hormone Pharmacol Biochem Behav 1995;50(3):339-343
 219. -Fujikawa M, Yamada K, Nagashima M, Furukawa T Involvement of beta-adrenoreceptors in regulation of the yawning induced by neuropeptides; oxytocin and alpha-melanocytes stimulating hormone in rats. Pharmacol Biochem Behav 1995;50:339-343
 220. -Fujikawa M et al The new muscarinic M1-receptor agonist YM796 evokes yawning and increases oxytocin secretion from the posterior pituitary gland in rats Pharmacol Biochem Behav 1996;55(1):55-60
 221. -Fureix C et al. Co-occurrence of yawning and stereotypic behaviour in horses. ISRN Zoology. 2011
 222. -Furukawa T Yawning behavior for preclinical drug evaluation Meth Find Exp Clin Pharmacol 1996;18(2):141-155
 223. -Gallup A, Gallup G. Yawning as a brain cooling mechanism: nasal breathing and forehead cooling diminish the incidence of contagious yawning. Evolutionary Psychology www.epjournal.net; 2007;5(1): 92-101
 224. -Gallup AC, Gallup GG Jr. Yawning and thermoregulation. Physiol Behav. 2008;95(1-2):10-16
 225. -Gallup AC, Miller ML, Clark AB Yawning and thermoregulation in budgerigars Melopsittacus undulatus Animal Behav 2009;77(1):109-113
 226. -Gallup AC, Gallup Jr GG Venlafaxine-induced excessive yawning: a thermoregulatory connection Prog Neuro Psychopharmacol Biol Psychiatry 2009;33(4):747
 227. -Gallup AC, Gallup GG Jr, Feo C. Yawning, sleep, and symptom relief in patients with multiple sclerosis. Sleep Med. 2010;11(3):329-331

228. -Gallup GG, Gallup AC Excessive yawning and thermoregulation: two case histories of chronic, debilitating bouts of yawning. *Sleep Breath.* 2010;14(2):157-159
229. -Gallup AC. Yawning as a behavioral adaptation to heat stress and water scarcity in white-faced capuchins (*Cebus capucinus*). *Am J Phys Anthropol.* 2010;142(4):670-61.
230. -Gallup AC, Gallup GG Jr. Medical implications of excessive yawning in relation to thermoregulatory dysfunction. *Eur J Neurol.* 2009;16(6):e120.
231. -Gallup AC. The thermoregulatory hypothesis of yawning: Time to reconsider terms such as "impossible" and "cannot" and evaluate theories based on evidence. *Sleep Med* 2011;12(1):102-10
232. -Gallup AC. Why do we yawn? Primitive versus derived features. *Neurosci Biobehav Rev.* 2011;35(3):765-9
233. -Gallup AC, Eldakar OT. Contagious yawning and seasonal climate variation. *Frontiers in Evolutionary Neuroscience.* 2011; september
234. -Gallup AC. Excessive yawning and thermoregulatory dysfunction. *Sleep Breath* 2011;15:271-273
235. -Gallup AC, Miller RR, Clark AB. Changes in Ambient Temperature Trigger Yawning But Not Stretching in Rats. *Ethology.* 2011;117:145-153
236. -Gallup AC, Hack GD. Human paranasal sinuses and selective brain cooling: A ventilation system activated by yawning? *Medical Hypotheses.* 2011
237. -Gessa GL Stretchings and yawnings induced by adrenocorticotrophic hormone *Nature* 1966;5047:426-427
238. -Gessa GL Stretching and yawning movements after intracerebral injection of ACTH *Revue Canadienne Biologie* 1967;26(3):229-236
239. -Ghanizadeh A. Propranolol in yawning prophylaxis: a case report. *Gen Hosp Psychiatry.* 2011 Nov
240. -Ghika J et al Dissociated preservation of automatic-voluntary jaw movements in a patient with biopercular and unilateral pontine infarcts *Eur Neurol* 2003;50:185-188
241. -Giganti F, Hayes MJ, Akilesh MR, Salzarulo P Yawning and behavioral states in premature infants *Developmental Psychobiology* 2002;41(3):289-96
242. -Giganti F, Hayes MJ Cioni G, Salzarulo P Yawning frequency and distribution in preterm and near term infants assessed throughout 24-h recordings *Infant Behav & Development* 2007;30(4):641-647
243. -Giganti F, Ziello ME Contagious and spontaneous yawning in autistic and typically developing children *CPL* 2009
244. -Giganti F, Zilli I. The daily time course of contagious and spontaneous yawning among humans. *J Ethol* 2011;29(2):215-216
245. -Gilbert D Is Yawning a brainstem phenomenon ? *The Lancet* 1988; 596
246. -Gilles De La Tourette GE Etude sur une affection nerveuse caractérisée par l'incoordination motrice accompagnée d'écholalie et coprolalie. *Arch Neurol Paris;* 1885;9:19-42
247. -Gimenez-Llort L, Canete T, Guitart-Masip M, Fernandez-Teruel A, Tobena A. Two distinctive apomorphine-induced phenotypes in the Roman high- and low-avoidance rats. *Physiol Behav.* 2005;86(4):458-466.
248. -Givens S The nonverbal basis of attraction: flirtation, courtship and seduction. *Psychiatry* 1978;41:346-359
249. -Goldie L Yawning and epilepsy *J of Psychosomatic Research* 1961;5:263-268
250. -Goldberg RL Sustained yawning as a side effect of imipramine *Int J Psychiatry Med* 1983-84;13(4):277-80
251. -Goren; Friedmann Yawning : an aura for an L Dopa induced "off" in Parkinson disease *Neurologie* 1998;50(3):823
252. -Gower AJ Effects of acetylcholine agonists and antagonists on yawning and analgesia in the rat *Europ J Pharmacology* 1987;139:79-89
253. -Gower AJ, Berendsen HH, Broekkamp CL Antagonism of drug-induced yawning and penile erections in rats *Eur J Pharmacol* 1986;122(2):239-244
254. -Gower J, Berendsen H et al. Yawning-penile erection syndrome as a model for putative dopamine autoreceptor activity *Eur J Pharmacol* 1984;103:81-89
255. -Gower AJ Cholinergic mediated yawning and analgesia in rats: differential effects of muscarinic agonists and antagonists. 1987
256. -Graves FC, Wallen K Androgen-induced yawning in rhesus monkey females is reversed with a nonsteroidal anti-androgen *Hormones and Behavior* 2006;49(2):233-236
257. -Gray LP. The relationship between the 'superior constrictor swallow', clicking of the ears and ear disease. *J Laryngol Otol.* 1983;97(12):1121-1128
258. -Greco M, Baenninger R Effects of yawning and related activities on skin conductance and heart rate; *Physiology and behavior* 1991;50(5):1067-1069
259. -Greco M, Baenninger R, Govern J. On the context of yawning: when, where, and why ? *Psych. Rec.* 1993;43:175-183
260. -Greco M; Baenninger R Selfreport as a valid measure of yawning in the laboratory *Bull Psychonomic Soc* 1989;27:75-76

261. -Gschwend J Yawning in a case with transecting glioma of the pons *Fortschr Neurol Psychiatr Grenzgeb* 1977;45(12):652-655
262. -Guardia J, Casas M, et al The apomorphine test: a biological marker for heroin dependence disorder? *Addict Biol* 2002;7(4):421-426
263. -Guggisberg AG, Mathis J, Herrmann US, Hess CW. The functional relationship between yawning and vigilance. *Behav Brain Res* 2007;179(1):159-166
264. -Guggisberg AG, Mathis J et al. Why do we yawn ? *Neurosci Biobehav Rev* 2010;34:1267-1276
265. -Guggisberg AG, Mathis J et al. Why do we yawn? The importance of evidence for specific yawn-induced effects. *Neurosci Biobehav Rev.* 2011;35(5):1302-4.
266. -Guilleminault Ch Sommeil et respiration Influence des états de vigilance sur la respiration *Rev Mal Resp* 1986;3:123-127
267. -Gutierrez-Alvarez AM Do your patients suffer from excessive yawning? *Acta Psychiatrica Scandinavica* 2007;115(1):80-81
268. -Haker H, Rössler W Empathy in schizophrenia: impaired resonance *Eur Arch Psychiatry Clin Neurosci* 2009;259(6):352-361
269. -Halder U, R Schenkel Das Riech-Gähnen bei Rindern (Bovinae) *Z Säugertierkunde* 1972;37:232-245
270. -Hall KL Behaviour of monkeys towards mirror-images *Nature* 1962;196:1258-1261
271. -Hadidian J Yawning in old world monkey; *Macaca nigra*; *Behaviour* 1980;75:133-147
272. -Hamilton LR et al. Characterization of the dopamine receptor system in adult rhesus monkeys exposed to cocaine throughout gestation *Psychopharmacology (Berl)*.2010;210(4):481-488
273. -Handa J, Nakasu Y, Kidooka M Transient cerebral ischemia evoked by yawning *Sur Neurol* 1983;19:46-50
274. -Harada KI. Paroxetine-induced excessive yawning *Psychiatry Clinical Neurosciences* 2006;60:260
275. -Harnier S et al. Retropharyngeal tendinitis: a rare differential diagnosis of severe headaches and neck pain. *Headache.* 2008;48(1):158-161
276. -Harr AL, Gilbert VR Do dogs show contagious yawning ? *Anim Cogn* 2009;12(6):833-837
277. -Harrison W, Stewart J, McGrath PJ; Quitkin F Unusual side effects of clomipramine associated with yawning. *Can J Psychiatry* 1984;29:546
278. -Harrison CJ Yawning in the greenfisk AUK 1968;85:511
279. -Hata TK, Kanemshi, et al. Real-time 3-D sonographic observation of fetal facial expression *J Obstet Gynaecol Res* 2005;31(4):337-340
280. -Heaton JP, Varrin SJ Effects of streptozotocin-induced diabetes on dopaminergic functioning in the rat: analysis of yawning behavior. *Pharmacol Biochem Behav.* 1993;44(3):601-604
281. -Heaton JPW, Varrin SV Metoclopramide decreases apomorphine-induced yawning and penile erection *Pharmacol Biochem Behav* 1991;38(4):917-920
282. -Helt MS, Eigsti IM, Snyder PJ, Fein DA. Contagious yawning in autistic and typical development. *Child Dev.* 2010;81(5):1620-1631
283. -Herrmann US, Hess CW, Guggisberg AG, et al. Sleepiness is not always perceived before falling asleep in healthy, sleep-deprived subjects. *Sleep Med.* 2010;11(8):747-751
284. -Heuser H Zum geruchlichen Beutefinden und Gähnen der Kreuzkröte *Zeitschr f TierPsychol* 1958;15:94-98
285. -Heusner AP Yawning and associated phenomena *Physiological Review* 1946;25:156-168
286. -Hilgers F, Jansen H et al. Long-term results of olfaction rehabilitation using the nasal airflow inducing maneuver after total laryngectomy - Polite Yawning *Arch otolaryngol head neck* 2002;128:648-654
287. -Hiltunen AJ, Lafolie P. Subjective and objective symptoms in relation to plasma methadone concentration in methadone patients. *Psychopharmacology (Berl).* 1995;118(2):122-126
288. -Hipolide DC, Lobo LL; De Medeiros R; Neumann B; Tufik S Treatment with dexamethasone alters yawning behavior induced by cholinergic but not dopaminergic agonist. *Physiol Behav* 1999;65(4-5):829-32
289. -Hipolide DC, Tufik S Paradoxical sleep deprivation in female rats alters drug-induced behaviors *Physiol Behav.* 1995;57(6):1139-1143
290. -Hoff AE. Mouths wide open: yawning as a communicative behavior in dogs Thesis Colorado State University 2001
291. -Holditch-Davis D Development of behaviors in preterm infants: relation to sleeping and waking *Nurs Res* 2003;52(5): 307317
292. -Holmgren B and Urba-Holmgren R Interaction of cholinergic and dopaminergic influences on yawning behavior *Acta Neurobiol Exp* 1980;40:633-642
293. -Holmgren R, Holmgren B, Rodriguez R, Gonzalez RM. Serotonergic modulation of yawning. *Pharmacol Biochem Behav* 1979;11(3):371-372
294. -Holmgren R, Holmgren B, Rodriguez R Sex hormone influences on yawning behavior *Acta Neurobiol Exp* 1980;40:515-519
295. -Holmgren B, Urba-Holmgren R, Trucios N, Zermeno M, Eguibar JR. Association of spontaneous and

- dopaminergic-induced yawning and penile erections in the rat. *Pharmacol Biochem Behav* 1985;22(1):31-5
296. -Holmgren B, Budelli R, Urba-Holmgren JR, Eguibar M, Holmgren G, Baz-Tellez, Anias J. Food Anticipatory Yawning Rhythm in the Rat. *Acta Neurobiologiae Experimentalis* 1991;51:97-105.
 297. -Horner LH The neuropharmacology of upper airway motor control in the awake and asleep states: implications for obstructive sleep apnoea *Respiratory Research* 2001;2(5):286-294
 298. -Houston J Yawning and penile erection induced in Rats by Cortical Spreading Depression *Nature* 1971; 232; 274-275
 299. -Iacoboni M, Rizzolatti G Cortical mechanisms of human imitation *Science* 24/12/99; 286
 300. -Ide M, Kataoka A, Koriyama T Osame M Igata A New accompanying signs and symptoms of adrenoleukodystrophy *Rinsho Shinkeigaku* 1982;22;(2):112-119
 301. -Insel TR, Young LJ The neurobiology of attachment *Nature Reviews Neuroscience* 2001;2(2):129
 302. -Insabato L Considerazioni neurologiche sullo sbadiglio e sugli stiramenti, con speciale riguardo alle loro relazioni con le variazioni del tono muscolare, unitamente ad osservazioni sulle ipertonie da lesioni extrapiramidali e da lesioni piramidali. *Archivio generale di neurologia, psichiatria e psiconalisi* 1928;9:125-153
 303. -Isbir CA. Treatment of a Patient with Glossopharyngeal Neuralgia by the Anterior Tonsillar Pillar *Method. Case Rep Neurol.* 2011;3(1):27-31.
 304. -Izquierdo Ivan Now you'll start yawning and you won't know why *Trends Pharmacol Sci* 1988;9(4):119
 305. -Izumi K, Donaldson J, Barbeau A Yawning and stretching in rats induced by intraventricularly administered zinc *Life Science* 1973;11: 203-210
 306. -Jacome D Compulsive yawning as migraine premonitory symptom. *Cephalalgia* 2001;21(5):623-5
 307. -Jacome D Primary yawning headache. *Cephalalgia* 2001;21(6):697-699
 308. -Jacome D Extracerebral yawning pain *Cephalalgia* 2004;24;(5):411-413
 309. -Jolicœur F Atypical neuroleptic-like behavioral effects of neurotensin *Brain Res Bull.* 1993;32(5):487-491
 310. -Joly-Mascheroni RM, Senju A, Sheperd AJ Dogs catch human yawns *Biology letters Animal Behaviour.* 2008;4(5):446-448
 311. -Jung N, Ahn B et al. A case of parakinesia brachialis oscitans. *Clinical Neurology and Neurosurgery.* 2012
 312. -Jurko MF, Andy OJ Post-lesion yawning and thalamotomy site *Appl Neurophysiol* 1975;38:73-79
 313. -Kasuya Y, Murakami T, et al. Does yawning represent a transient arousal-shift during intravenous induction of general anesthesia? *Anesth Analg* 2005;101(2):382-384
 314. -Khan MH, Kunselman AR, Leuenberger UA, Davidson WR et al. Attenuated sympathetic nerve responses after 24 hours of bed rest. *Am J Physiol Heart Circ Physiol.* 2002; 282;6:H2210-2215
 315. -Kim TH, Lee JJ, et al. Efficacy of assessment in fetal behaviour by four dimensional ultrasonography. *J Obstetrics Gynaecology* 2010;30(5):439-443
 316. -Kimura H, Yamada K, Nagashima M, Matsumoto S Role of adrenergic neuronal activity in the yawning induced by tacrine and NIK-247 in rats. *Pharmacol Biochem Behav* 1992;43(4):985-91
 317. -Kimura H, Yamada K, Nagashima M, Furukawa T Involvement of catecholamine receptor activities in modulating the incidence of yawning in rats. *Pharmacol Biochem Behav* 1996;53(4):1017-21
 318. -Kishida K Temporal change of subsidiary behavior in monotonous work. *J of Human Ergology* 1973;2:75-89
 319. -Kita I, Kubota N, Yanagita S, Motoki C Intracerebroventricular administration of corticotropin-releasing factor antagonist attenuates arousal response accompanied by yawning behavior in rats. *Neurosci. Letter* 2008;433(3):205-208
 320. -Kita I, Yoshida Y, Nishino S. An activation of parvocellular oxytocinergic neurons in the paraventricular nucleus in oxytocin-induced yawning and penile erection. *Neurosci Res.* 2006;54(4):269-275
 321. -Kita I, Seki Y, Nakatani Y, Fumoto M, Oguri M, Sato-Suzuki I, Arita H. Corticotropin-releasing factor neurons in the hypothalamic paraventricular nucleus are involved in arousal/yawning response of rats. *Behav Brain Res.* 2006;169(1)48-56.
 322. -Kita I, Sato-Suzuki et al. Yawning responses induced by local hypoxia in the paraventricular nucleus of the rat. *Behavioural Brain Research* 2000;117(1-2):119-126
 323. -Klein DF Repeated observations of yawning; clitoral engorgement; and orgasm associated with fluoxetine administration. *J Clin Psychopharmacol* 1989;9(5):384
 324. -Klein DF False suffocation alarms, spontaneous panics, and related conditions. an integrative hypothesis. *Arch Gen Psychiatry.* 1993;50(4):306-317
 325. -Koch P Variation of behavioral and physiological variables in children attending kindergarten and primary school *Chronobiol Int* 1987;4(4):525-35
 326. -Kostrzewa RM, Brus R Is dopamine-agonist induced yawning behavior a D3 mediated event? *Life Sci* 1991;48(26)129.

327. -Kostrzewa RM, Brus R Ontogenic homologous supersensitization of quinpirole-induced yawning in rats. *Pharmacol Biochem Behav.* 1991;39(2):517-519.
328. -Kostrzewa RM, Brus R, Rykaczewska M, Plech A. Low-dose quinpirole ontogenically sensitizes to quinpirole-induced yawning in rats. *Pharmacol Biochem Behav.* 1993;44(2):487-489.
329. -Krasnianski M, et al Yawning despite trismus in a patient with locked-in syndrome caused by a thrombosed megadolichobasilar artery. *Clin Neurol Neurosurg.* 2003;106(1):44-46
330. -Krantz M Repetitive yawning associated with cardiac tamponade *Am J Cardiol* 2004;94:701-702
331. -Kuba R, Musilová K, Brázdil M, Rektor I. Peri-ictal yawning lateralizes the seizure onset zone to the nondominant hemisphere in patients with temporal lobe epilepsy. *Epilepsy Behav.* 2010;19(3):311-4
332. -Kuballa G, Nowak P, et al. Central effects of nafadotride, a dopamine D3 receptor antagonist, in rats. Comparison with haloperidol and clozapine. *Pharmacol Rep* 2005;57(2):161-169
333. -Kurjak A, Azumendi G, et al Fetal hand movements and facial expression in normal pregnancy studied by four-dimensional sonography *J. Perinat. Med.* 2003;31:496-508
334. -Kurjak A, Azumendi G, et al. The potential of 4D ultrasonography in the assessment of fetal awareness *J Perinat Med* 2005;33:46-53
335. -Kurjak A, M Stanojevic et al Behavioral pattern continuity from prenatal to postnatal life a study by four dimensional (4D) ultrasonography *J Perinat Med* 2004;32:346-353
336. agares A et al Short-lasting unilateral neuralgiform headache with conjunctival injection and tearing syndrome treated with microvascular decompression of the trigeminal nerve *Neurosurgery* 2005;56(2):413
337. -Laing J, Ogilvie R EEG correlats of yawning during sleep onset *Sleep Research* 1988;17:98
338. -Lal S, Tesfaye Y, Thavundayil JX, Skorzewewska A, Schwartz G Effect of time-of-day on yawning response to apomorphine in normal subjects *Neuropsychobiology* 2000;41(4):178-180
339. -Lal S, Grassino A, Thavundayil YX, Bubrovsky B A simple method for study of yawning in man induced by the dopamine receptor agonist, apomorphine. *Progr Neuropsychopharmacol Biol Psychiatry* 1987;11: 223-228
340. -Lal S, Tesfaye Y et al Apomorphine: clinical studies on erectile impotence and yawning. *Prog Neuropsychopharmacol Biol Psychiatry* 1989;13(3-4):329-39
341. -Lal S Apomorphine in the evaluation of dopaminergic function in man *Prog Neuropsychopharmacol Biol Psychiatry* 1988;12(2-3):117-64
342. -Lal S, Thavundayil JX, et al. Induction of tolerance of dopaminergic responses in man. *J Neural Transm.* 2008;115(8):1189-1198
343. -Lanari A, Delbono O The yawning and stretching sign in hemiplegics *Medicina (B Aires)* 1983;43(3):355-356
344. -Lane JD Effects of brief caffeinated-beverage deprivation on mood, symptoms, and psychomotor performance. *Pharmacol Biochem Behav.* 1997;58(1):203-208
345. -Lane JD, Phillips-Bute BG Caffeine deprivation affects vigilance performance and mood. *Physiol Behav.* 1998;65(1):171-175
346. -Lanthorn TH, Isaacson RL Stretching and yawning: a role of glutamate *Psychopharmacology (Berl)* 1979;65(3):317-318
347. -Laping NJ, Ramirez VD Prolactin-induced yawning behavior requires an intact nigro-striatal dopamine system *Pharmacol Biochem Behav* 1988;29(1):59-62
348. -Laping NJ, Ramirez VD Prolactin induces yawning and the stretching yawning syndrome in young adulte male rats. *Hormones & Behavior* 1986;20:49-59
349. -Lapresle J La voie dento-olivaire : mise en évidence, trajet et signification *Bull Acad Nat Med* 1984, 168, 336-341 séance du 6/3/84.
350. -Larsson k, S Ahlenius Brain and sexual behavior *Annals of the New York Academy of Sciences*1999;877:292-308
351. -Laskiewicz A The role of the Eusatchius tube and the tympanal muscles in yawning *Rev Laryngol Otol Rhinol.* 1953;74(5-6)
352. -Laskiewicz A Yawning with regard to the respiratoty organs and the ear. *Acta Oto laryngologica (Stockholm)* 1953;43(2-3):267-270
353. -Laurent-Vannier A, Fadda G, Laigle P, Dusser A, Leroy-Malherbe V Foix-Chavany-Marie syndrome in a child caused by a head trauma *Rev Neurol (Paris)* 1999;155(5):387-90
354. -Leger L, Charnay Y, Hof PR, Bouras C, Cespuglio R Anatomical distribution of serotonin-containing neurons and axons in the central nervous system of the cat. *J Comp Neurol* 2001;433(2):157-82
355. -Lehmann H Yawning : a homeostatic reflexe and its psychological signifance *Bull Menninger Clinic*1979;43:123-126
356. -Leone A, Mignini M, Mancini G, Palagi E. Aggression does not increase friendly contacts among bystanders in geladas (*Theropithecus gelada*) *Primates.* 2010;51(4):299-305
357. -Leonhardt M, Abele M, Klockegether T, Dickgans J, Weller M Pathological yawning (chasm) associated with periodoc leg movements in sleep: cure by levodopa. *J Neurolog* 1999;246(7):621-622

358. -Lepp FH Remarques sur la signification physiologique du bâillement Bull Group Int Rech Sci Stomatol Odontol 1982;25:251-290
359. -Liecey Nouvelle observation de bâillement convulsif périodique Le Courrier Médical 1879;29:334-336
360. -Liégey Deux observations de bâillements intermittents Gazette médicale de Strasbourg 1851
361. -Li SM, Collins GT et al. Yawning and locomotor behavior induced by dopamine receptor agonists in mice and rat. Behav Pharmacol. 2010; 21(3): 171–181.
362. -de Lima O, Munhoz R, Becker N, Teive H. Parakinesia Brachialis Oscitans. Report of three cases. Parkinson Rel Dis. 2011
363. -Liu YC, Sachs BD, Salamone JD. Sexual behavior in male rats after radiofrequency or dopamine-depleting lesions in nucleus accumbens. Pharmacol Biochem Behav. 1998;60(2):585-592
364. -Lobo LL, Neumann BG, Eidman DS, Tufik S Effects of REM sleep deprivation of ACTH-induced yawning. Pharmacology 1990;40(3):174-178
365. -Lobo LL, de Medeiros R, Hipolide DC, Tufik S. Atropine increases pilocarpine-induced yawning behavior in paradoxical sleep deprived rats. Pharmacol Biochem Behav. 1995;52(3):485-488.
366. -Loder A What is the evolutionary advantage of migraine ? Cephalalgia 2002;22:624-632
367. -Longoni R et al Permissive role of D1 receptor stimulation by endogenous dopamine for the expression of postsynaptic D2 mediated behavioural responses Yawning in rats Eur J Pharmacol 1987;134(2):163-73
368. -Louboungou M, JR Anderson Yawning, scratching, and protruded lips : differential conditionability of natural acts in Pigtail Monkeys Primates july 1987;23(3):367-375
369. -Louwerse E Forced yawning as a pseudobulbar sign in amyotrophic lateral sclerosis J Neuroscience Research 1998, sup, 392
370. -Lum L et al. Hyperventilation-induced high-amplitude rhythmic slowing with altered awareness: a video-ecg comparison with absence seizures. Epilepsia 2002;43(11):1372-1378
371. -Luttenberger F The problem of yawning in reptiles Z Tierpsychol 1975; 37; 2; 113-137
372. -Lutz C, Tiefenbacher S, Meyer J, Novak M. Extinction deficits in male rhesus macaques with a history of self-injurious behavior. Am J Primatol. 2004;63(2):41-48
373. -Lynch MR Dissociation of autoreceptor activation and behavioral consequences of low doses apomorphine treatment Prog Neuro-Psychopharmacol & Biol Psychiat 1991;15:689-698
374. -Macapinlac MP, Olson JA A lethal hypervitaminosis A syndrome in young monkeys (Macacus fascicularis) following a single intramuscular dose of a water-miscible preparation containing vitamins A, D2 and E. Int J Vitam Nutr Res 1981;51(4):331-41
375. -Maeda N et al Septohippocampal cholinergic pathway and penile erections induced by dopaminergic and cholinergic stimulants Brain Research 1990;537:163-168
376. -Major CA, Kelly BJ, Novak MA, Davenport MD, Stonemetz KM, Meyer JS. The anxiogenic drug FG7142 increases self-injurious behavior in male rhesus monkeys (Macaca mulatta). Life Sci. 2009;85(21-22):753-758
377. -Mancuso F, Porta R, Calignano A, Di Pierro P, Sommella MG, Esposito C Substance P and its transglutaminase-synthesized spermine derivative elicit yawning behavior via nitric oxide in rats. Peptides 2001;22(9):453-457
378. -Marchese G, Ruiu S, Casti P, Bartholini F, Saba P, Gessa GL, Pani L. Carmoxirole is able to reduce amisulpride-induced hyperprolactinemia without affecting its central effect. Eur J Pharmacol. 2002;447(1):109-114
379. -Marcus N Yawning: analytic and therapeutic considerations Int J child Psychotherapy 1973;2(4):406-418 pdf
380. -Marini JL Serotonergic and dopaminergic effects on yawning in the cat Pharmacol Biochem Behav, 1981;15:711-715
381. -Marsden CD Blepharospasm-omandibular dystonia syndrom J Neurology Neurosurgery Psychiatry 1976;39(12):1204-1209
382. -Masi G, Brovedani P Tourette's syndrome in children: neurobiological issues in pathophysiology. Panminerva Med 2000;42(1):61-7
383. -Maestripietri D, Schino G, Aureli F, Troisi P. A modest proposal: displacement activities as an indicator of emotions in primates. Anim Behav 1992;44:967-979
384. -Masuzaki H Color Dopplerimaging of foetal yawning Ultrasound in obstetric & gynecolgy 1996;8(5):355-356
385. -Matikainen J, Elo H Does yawning increase arousal through mechanical stimulation of the carotid body? Med Hypotheses 2008;70(3):488-492
386. -Matsumoto S, Yamada K, Nagashima M, Matsuo N, Shirakawa K, Furukawa T Potentiation by serotonergic inhibition of yawning induced by dopamine receptor agonists in rats. Pharmacol Biochem Behav 1989;32(3): 815-8
387. -Matsumoto S et al. Occurrence of yawning and decrease of prolactin levels via stimulation of dopamine D2-receptors after administration of SND 919 in rats Naunyn-Schmiedeberg's Arch Pharmacol 1989;340:21-25

388. -McCorkell S Fractures of the styloid process and stylohyoid ligament: an uncommon injury J of Trauma 1985;25(10):1010-1012
389. -McCutcheon FH Stimulation, control and phylogenetic projection of the teleostean yawn reflex Comp Biochem Physiol 1970;34:339-344
390. -McGinnis J Fracture of an ossified stylohyoid bone Arch Otolaryngol 1981;107: 460
391. -McKenzie AA The tonsillar evacuation hypothesis of yawning behaviour. South african J of Sci. 1994;90:64-66
392. -McLean P Evolutionary psychiatry and the triune brain. Psychological Medicine 1985;15(2):19-221
393. -McLean JD, Forsythe RG, Kapkin IA Unusual side effects of clomipramine associated with yawning Can J Psychiatry 1983;28(7):569-70
394. -McManus B, Devine P, Brandsetter RD A fetal yawn? N Engl J Med 1997;336:1329-1330
395. -McNamara P. Yawning, an evolutionary psychology of sleep and dreams. Praeger ed. 2004:59-60
396. -McNeil JE, Warrington EK Prosopagnosia: a reclassification. Q J Exp Psychol A 1991;43(2):267-287
397. -Medrano V, Selles-Galiana MF, et al. Bostezo y epilepsia del lobulo temporal Revista de Neurologia 2005;41(1):63-64
398. -Melis MR, Argiolas A, Gessa Apomorphine-induced penile erection and yawning : site of action in brain Brain Research 1987;415:98-104
399. -Melis MR, A Argiolas, GL Gessa Evidence that apomorphine induces penile erection and yawning by releasing oxytocin in the central nervous system European J Pharmacol 1989;164:565-570
400. -Melis MR, Spano MS, Succu S, Argiolas A Activation of gamma-aminobutyric acid(A) receptors in the paraventricular nucleus of the hypothalamus reduces apomorphine-, N-methyl-D-aspartic acid- and oxytocin-induced penile erection and yawning in male rats. Neurosci Lett 2000; 28;1(2-3):127-30
401. -Melis MR, R Stancampiano, A Argiolas Prevention by ng-nitro-l-arginine methyl ester of apomorphine- and oxytocin-induced penile erection and yawning: site of action in the brain Phamcol Biochem Behav 1994;48(3):799-804
402. -Melis MR., S Succu, et al. Dopamine agonists increase nitric oxide production in the paraventricular nucleus of the hypothalamus: correlation with penile erection and yawning. Eur J Neurosci 1996;8(10):2056-63
403. -Melis MR, Argiolas A Role of central nitric oxide in the control of penile erection and yawning Prog Neuropsychopharmacol Biol Psychiatry 1997;21(6):899-922 (abstract)
404. -Melis MR, et al Nitroglycerin-induced penile erection and yawning in male rats: mechanism of action in the brain Brain Res Bull 1995;36(6)527-531
405. -Melis MR, Argiolas A Role of nitric oxide in penile erection and yawning induced by 5-HT1c receptor agonists in male rats Naunyn-Schmiedeberg's arch Pharmacol 1995;351:439-445
406. -Melis MR, Argiolas A Yawning role of hypothalamic paraventricular nitric oxide Acta Pharmacologica Sinica 1999;20(9):778-788
407. -Melis MR et al Dopamine agonists increase nitric oxide production in the paraventricular nucleus of the hypothalamus: correlation with penile erection and yawning Europ J Neurosci 1996;8:2056-2063
408. -Melis MR, Argiolas A Apomorphine and Oxytocin induced penile erection and yawning in intact and castrated male rats : effect of sexual steroids Neuroendocrinology 1994;59:349-354
409. -Melis MR, Argiolas A Nitric oxide synthase inhibitors prevent apomorphine and oxytocin-induced penile erection and yawning in male rats Brain Res Bull 1993;32(1):71-74
410. -Melis MR, Stancampiano R, Argiolas A Hippocampal oxytocin mediates apomorphine-induced penile erection and yawning. Pharmacol Biochem Behav 1992;42(1):61-6
411. -Melis MR et Argiolas A Nitric oxide donors induce penile erection and yawning when injected in the central nervous system of male rats European J Pharmacology 1995;294:1-9
412. -Melis MR et al Oxytocin increases nitric oxide production in the paraventricular nucleus of the hypothalamus of male rats: correlation with penile erection and yawning Regulatory Peptides 1997;69:105-11
413. -Melis MR , A. Argiolas. Reduction of drug-induced yawning and penile erection and of noncontact erections in male rats by the activation of GABAA receptors in the paraventricular nucleus: involvement of nitric oxide Eur J Neurosci 200215(5):852-60
414. -Melis MR et al. Prevention by morphine of apomorphine- and oxytocin-induced penile erection and yawning: involvement of nitric oxide Naunyn-Schmiedeberg's arch Pharmacol 1997;600:355-595
415. -Melis MR et al Prevention by morphine of N-Methyl-D-Aspartic Acid induced penile erection and yawning: involvement of Nitric Oxide Brain Res Bull 1997;44(6):689-694
416. -Melis MR, Succu S. EP 60761 and EP 50885, two hexarelin analogues, induce penile erection in rats. Eur J Pharmacol. 2000;404(1-2):137-143
417. -Melis MR, Succu S, et al. Extra-cellular dopamine increases in the paraventricular nucleus of male rats during sexual activity Eur J Neurosci 2003;17:1266-1272
418. -Meltzoff AN, Moore MK Newborn infants imitate adult facial gestures. Child Dev 1983;54(3)702-9
419. -Meltzoff AN, Moore MK Imitation of facial and manual gestures by human neonates. Science 1977;198(4312):74-78

420. -Miklosi A The ethological analysis of imitation. *Biol Rev Camb Philos Soc* 1999;74(3):347-374
421. -Millen A, Anderson JR Neither infants nor toddlers catch yawns from their mothers. *Biol Letters* 2011
422. -Miller E A comparative study of facial expressions of two species of pinnipeds *Behaviour* 1975;53(3-4):268-284
423. -Miller ML, Gallup AC et al. Handling stress initially inhibits, but then potentiates yawning in budgerigars (*Melopsittacus undulatus*). *Animal Behaviour*. 2010;80(4):615-619
424. -Millan MJ, Dekeyne A S33084, a novel, potent, selective, and competitive antagonist at dopamine D(3)-receptors: II. Functional and behavioral profile compared with GR218,231 and L741,626 *J Pharmacol Exp Ther* 2000;293(3):1063-1073
425. -Mizukami K Very young infants yawn or cry after watching animated programs development *Behavioral Pediat* 1990;11(3):3
426. -Minagar A, Sheremata WA Glossopharyngeal neuralgia and MS *Neurology* 2000;54(6):1368-70
427. -Miyazaki M, Y Tanaka et al Attack of yawning, case report *Rinsho Shinkeigaku* 1985;25(9):1007-9
428. -Modell JG Repeated observations of yawning, clitoral engorgement, and orgasm associated with fluoxetine administration. *J Clin Psychopharmacol* 1989;9(1):63-5
429. -Mogilnicka E, Wedzony K, Klimek V, Czyrak A Desipramine induces yawning behaviour in rats *Neuropharmacology* 1986;25(7):783-6
430. -Mogilnicka E, Klimek V Drugs affecting dopamine neurons and yawning behavior. *Pharmacol Biochem Behav* 1977;7:303-305
431. -Mogilnicka E REM sleep deprivation changes behavioral response to catecholaminergic and serotonergic receptor activation in rats *Pharmacol Biochem Behav* 1981;15(1):149-151
432. -Mogilnicka E, Boissard CG, Delini-Stula A. Effects of apomorphine, TL-99 and 3-PPP on yawning in rats. *Neuropharmacology*. 1984;23(1):19-22
433. -Montagu A On Yawning *JAMA*;1962;732:152
434. -Moore J Some psychological aspects of yawning *The Journal of General Psychology* 1942;27:289-294
435. -Mora S et al LHRH antagonizes yawning and genital grooming induced by apomorphine in rats. *Pharmacol Biochem Behav*. 1989;31(3):717-720
436. -Morelli M et al Antagonism of apomorphine-induced yawning by SCH 23390: Evidence against the autoreceptor hypothesis *Psychopharmacology* 1986;89:259-260
437. -Morton HJV Yawning during thiopentone induction *Br J Anesthesia* 1962;34:133-134
438. -Moyaho A et al Induced grooming transitions and open field behaviour differ in high- and low-yawning sublines of Sprague-Dawley rats *Animal Behavior* 1995;50:61-72
439. -Moyaho A, Valencia J Grooming and yawning trace adjustment to unfamiliar environments in laboratory Sprague-Dawley rats *J Comparative Psychology* 2002;116;(3):263-269
440. -Moyaho A et al. Genetic and littermate influences on yawning in two selectively bred strains of rats *Dev Psychobiol*. 2009;51(3):243-248
441. -Muchnik, Finkielman, et al Yawning and temporal lobe epilepsy *Medicina (B Aires)* 2003;63(2):137-139
442. -Mulhern MG Ocular complications of acoustic neuroma surgery *Br J Ophthalmol* 1999;83:1392-1389
443. -Muhlrad S Le réflexe sexuel de l'élévation des bras chez la femme *Pysché (Paris)* 1952;7(66):292-296
444. -Mullely G Associated reactions in the hemiplegic arm *Scand J Rehabil Med* 1982;14:117-20
445. -Myrberg A Ethology of the bicolor damselfish *Eupomacentrus partitus* *Animal behaviour monographs* 1972;5:197-283
446. -Nahab FB, Hattori N, Saad ZS, Hallett M Contagious yawning and the frontal lobe: An fMRI study *Human Brain Mapping* 2009;30:1744-1751
447. -Nakamura-Palacios E et al. Acute or chronic effects of cannabinoids on spontaneous or pharmacologically induced yawning in rats *Pharmacology, Biochemistry and Behavior* 2002;74:205-212
448. -Napier JR, Napier PH Yawning serves as a visual signal in primates. *The Natural History of the Primates*. British Museum, London England 1985
449. -Naselo A, Tieppo C, Felicio L Apomorphine induced yawning in the rat : influence of fasting and time of day *Physiology & Behavior* 1995;57(5):967-971
450. -Nasello AG et al Modulation by sudden darkness of apomorphine-induced behavioral responses *Physiology & Behavior* 2003;78:521-525
451. -Nayak R, Bhogale GS, Patil NM. Venlafaxine and excessive yawning: is there any link? *J Neuropsychiatry Clin Neurosci*. 2011 Spring;23(2):E56-7.
452. -Ndiokwelu E Bilateral dislocation of the mandible 2 cases in a nuclear family *Odontostomatol Trop*. 2005;28(112):27-3
453. -Neumann BG, Troncone LR, Braz S, Tufik S Modifications on dopaminergic and cholinergic systems induced by the water tank technique: analysis through yawning behavior. *Arch Int Pharmacodyn Ther* 1990;308;:32-38
454. -Norscia I, Palagi E. Yawn Contagion and Empathy in Homo sapiens. *PLoS ONE*. 2011;6(12):

455. -Nowak P, Labus L, Kostrzewa RM, Brus R. DSP-4 prevents dopamine receptor priming by quinpirole *Pharmacol Biochem Behav.* 2006;84(1):3-7
456. -Nowak P et al. Neonatal co-lesion by DSP-4 and 5,7-DHT produces adulthood behavioral sensitization to dopamine D(2) receptor agonists *Pharmacol Rep.* 2009;61(2):311-318
457. -Nunes GP et al. Decreased muscarinic receptor binding in rat brain after paradoxical sleep deprivation: an autoradiographic study *Brain Res.* 1994;645(1-2):247-252
458. -Ochoa-Sepulveda JJ, Ochoa-Amor JJ Ondine's curse during pregnancy *J Neurol Neurosurg Psychiatry* 2005;76:294
459. -Ogura H, Kosasa T, Kuriya Y, Yamanishi Y Central and peripheral activity of cholinesterase inhibitors as revealed by yawning and fasciculation in rats. *Eur J Pharmacol.* 2001;415(2-3):157-64
460. -Oh JY, Kim JE, Park KD, Choi Kg A case of familial inverse Marcus Gunn phenomenon *J Neurol Neurosurg Psychiatry* 2003;74:278
461. -O'Hara SJ, Reeve AV A test of the yawning contagion and emotional connectedness hypothesis in dogs, *Canis familiaris.* *Animal Behaviour* 2011;81:335-340
462. -Ohmura Y, Jutkiewicz EM, Zhang A, Domino EF. Dopamine D1/5 and D2/3 agonists differentially attenuate somatic signs of nicotine withdrawal in rats. *Pharmacol Biochem Behav.* 2011;99(4):552-556
463. -Okuyama S et al Relation between yawning behavior and central serotonergic neural system in rats Naunyn-Schmiedeberg's *Arch Pharmacol* 1987;335:667-672
464. -Oman RE, Sullivan SJ, Fleury J, Dutil E Yawning: a possible confounding variable in EMG biofeedback studies. *Biofeedback Self Regul* 1989;14(4):339-46
465. -O'Neill B, Aronson A, Pearson B, Nauss L Superior laryngeal neuralgia: carotidynia or just another pain in the neck? *Headache* 1982;22:6
466. -Opp MR, Obal F Jr, Krueger JM. Effects of alpha-MSH on sleep, behavior, and brain temperature: interactions with IL 1 *Am J Physiol.* 1988;255(6 Pt 2):R914-22.
467. -Oreskovic D; Klarica M; Vukic M The formation and circulation of cerebrospinal fluid inside the cat brain ventricles : a fact or an illusion ? *Neuroscience Letters* 2002;327:103-106
468. -Oshima T et al. Inhibitory effects of landiolol and nicardipine on thiopental-induced yawning in humans *J Anesth* 2010;24(2):168-172
469. -Ostrea EM Jr, Chavez CJ, Strauss ME A study of factors that influence the severity of neonatal narcotic withdrawal. *Addict Dis* 1975;2(1-2):187-99
470. -O'Sullivan JD, Lees AJ, Hughes AJ Yawning in Parkinson's disease *Neurology* 1999;52(2):428
471. -Oswiecimska J, Brus R, Szkilnik R, Nowak P, Kostrzewa RM 7-OH-DPAT, unlike quinpirole, does not prime a yawning response in rats *Pharmacol Biochem Behav.* 2000;67:11-15
472. -Ouagazzal AM, Creese I. Intra-accumbens infusion of D(3) receptor agonists reduces spontaneous and dopamine-induced locomotion. *Pharmacol Biochem Behav.* 2000;67(3):637-645
473. -Pace-Schott EF, Hobson A The neurobiology of sleep: genetics, cellular physiology and subcortical networks *Nature Reviews Neuroscience* 2002;3:591-605
474. -Pae CU, JJ Kim et al Injured temporomandibular joint associated with fluoxetine-monotherapy-induced repeated yawning *Gen Hosp Psychiatry* 2003;25(3):217-8
475. -Pal S, Padala PR. A case of excessive yawning with citalopram *J Clin Psychiatry* 2009;11(3):126
476. -Palagi E, Leone A, Mancini G, Ferrari PF. Contagious yawning in gelada baboons as a possible expression of empathy. *Proc Natl Acad Sci USA.* 2009;106(46):19262-19267
477. -Panksepp J Effects of ACTH(1-24) and ACTH/MSH(4-10) on isolation-induced distress vocalization in domestic chicks *Peptides* 1990;11(5):915-919
478. -Paredes RG, Karam P, Highland L, Agmo A GABAergic drugs and socio-sexual behavior *Pharmacol Biochem Behav* 1997;58(2):291-298
479. -Patatanian E, Williams NT. Drug-induced yawning: a review. *Ann Pharmacother.* 2011;45(10):1297-301.
480. -Patra P, Gunness TK, Robert R Physiologic variations of the internal jugular vein surface, role of the omohyoid muscle, a preliminary echographic study *Surg Radiol Anat* 1988;10(2):107-112
481. -Paukner A, Anderson JR Video-induced yawning in stump-tail macaques (*Macaca arctoides*) *Biol Lett* 2006;2:36-38
482. -Pellatt A, Wright PG, Levine LS Yawning and the Thyroid Gland. *South African Journal of Science.* 1981;77:391-394
483. -Penfield W, Jasper H Diencephalic autonomic seizures *Epilepsy and the functional anatomy of the human brain* Little Brown et company - Boston 1954
484. -Peroutka SJ Dopamine and migraine *Neurology* 1997;49(3):650-6
485. -Petrikovsky B, Kaplan G, Holsten N Fetal yawning activity in normal and high-risk fetuses: a preliminary observation. *Ultrasound Obstet Gynecol* 1999;13(2):127-30
486. -Petrikovsky B, Kaplan GP, Pestrak H The application of color doppler technology to the study of fetal swallowing *Obstet Gynecol* 1995;86:605-608
487. -Phillips-Bute BG, Lane JD. Caffeine withdrawal symptoms following brief caffeine

- deprivation. *Physiol Behav* 1997;63(1):35-39
488. -Phoenix CH Threshold for behavioral response to testosterone in old castrated Male Rhesus Macaques *Biology of reproduction* 1986;35:918-926
489. -Philibert C, Sauveplane K, Pinzani-Harter V et al. Le bâillement: de la physiologie à la iatrogénie. *La lettre du pneumologue*. 2011;14(5):168-172
490. -Platek SM, SR Critton, et al Contagious yawning: the role of self-awareness and mental state attribution *Cogn Brain Res* 2003;17(2):223-227
491. -Platek S, Mohamed F, Gallup G Contagious yawning and the brain *Cognitive Brain Research*, 2005;23:448-452
492. -Poggioli R, Valerja Vergoni A, et al. Influence of clonidine on the ACTH-induced behavioral syndrome, *European J. Pharmacol.* 1984;101:299-301
493. -Poggioli R et al Nitric oxide is involved in the ACTH-induced behavioral syndrome *Peptides* 1995;16(7):1263-1268
494. -Poggioli R, Benelli A, Arletti R, et al. Old rats are unresponsive to the behavioral effects of adrenocorticotropin. *Euro J Pharmacol* 1994;271:253-257
495. -Pomerantz SM Apomorphine facilitates male sexual behavior of Rhesus Monkeys *Pharmacology Biochemistry & Behavior* 1990;35:659-664
496. -Portillo W, Camacho F, Eguibar JR, Paredes RG Behavioral characterization of non-copulating male rats with high spontaneous yawning frequency rate. Portillo W, Camacho F, Eguibar JR. *Behav Brain Res*. 2010;214(2):225-230
497. -Poster et al Pathological Yawning as a symptom of SEP *J of neurology* 1999;243(3):300-301
498. -Prasad H Amelioration of pathological yawning after tracheostomy in a patient with locked-in syndrome *Europ J Neurol* 2008;15:e114
499. -Prescrire La Revue Apomorphine, *Apokinon* 1992;12(123):526-528
500. -Preter M, Klein DF Panic, suffocation false alarms, separation anxiety and endogenous opioids *Prog Neuropsychopharmacol Biol Psychiatry*. 2008;32(3):603-612
501. -Price HL, Deutsch S et al. Hemodynamic and metabolic effects of hemorrhage in man, with particular reference to the splanchnic circulation. 1966;18(5):469-474
502. -Protais P, Dubuc I, Costentin J Pharmacological characteristics of dopamine agonists on yawning behavior in rats. *Eur J pharmacological* 1983;94:271-280
503. -Protais P, Dubuc I, Colboc O, Costentin J Étude des récepteurs dopaminergiques dont la stimulation induit ou inhibe les bâillements chez le rat. *J Pharmacologie* 1982;supl:191
504. -Protais P, Windsor M, Mocoer E, Comoye E Post-synaptic 5-HT_{1A} receptor involvement in yawning and penile erections induced by apomorphine, physostigmine and MCPP, in rats *Psychopharmacology* 1995;120(4):376-383
505. -Provine RR, Tate BC Yawning: no effect of 3-5% CO₂, 100% O₂, and exercise *Behav Neural Biol* 1987;48(3):382-93
506. -Provine RR Contagious Yawning and infant imitation. *Bulletin Psychonomic Soc* 1989;27:125-126
507. -Provine RR, Hamernik HB Yawning: effect of stimulus interest. *bulletin Psychonomic Soc* 1986;24:437-438
508. -Provine RR Faces as releasers of contagious yawning: on approach to face detection using normal human subjects. *Bulletin Psychonomic Soc* 1989;27:211-214
509. -Provine RR Yawning as a stereotyped action pattern and releasing stimulus *Ethology*. 1986;72:109-122
510. -Provine RR, Hamernik HB, Curchack BB Yawning : relation to sleeping and stretching in humans. *Ethology* 1987;76:152-160
511. -Provine RR Yawns, laughs, smiles, tickles, and talking: Naturalistic and laboratory studies of facial action and social communication. *The psychology of facial expression*. 1997. In Russell and Fernandez-Dols (Eds.) Cambridge Univ. Press: Cambridge.
512. -Provine RR Yawning and simulation science *Simulation* 1989; 193-194
513. -Provine RR Yawning *American Scientist* 2005;93(6):532-539
514. -Qian XB et al Cocaine-induced brainstem seizures and behavior *Integr Physiol Behav Sci* 1992;27(2):117-129
515. -Quintela E, Castillo J, Munoz P, Pascual J. Premonitory and resolution symptoms in migraine: a prospective study in 100 unselected patients. *Cephalalgia*. 2006;26(9):1051-1060.
516. -Raafat RM, Chater N et al. Herding in humans *TICS* 2009;13(10):420-428
517. -Rancurel G, R Manai Traitement par crâniectomie des infarctus cérébraux sylvians étendus. *Sang Thrombose Vaisseaux*. 2000;12(1):12-8
518. -Rasa OA The causal factors and function of yawning in microspathodon *Chrysurus* (Pices : Pomacentridae) *Behaviour* 1971;39:39-57
519. -Redican WK Facial expressions in nonhuman primates *Primate Behavior: Developments in Field and Laboratory Research*, 1975;4:103-194 (Roseblum, L. A., Ed.) Academic Press, New York.
520. -Redican WK An evolutionary perspective on human facial displays. P. Ekman (Ed.) *Emotion in the*

- human face (2nd ed.). Cambridge Univ. Press: Cambridge. 1982
521. -Reilly K, Tsou E Bilateral chylothorax , a case report following episodes of stretching JAMA 1975;223(6):536-537
 522. -Rigon A, Reis M, Takahashi R. Effects of Carbaryl on some Dopaminergic Behaviors in Rats. Gen. Pharmac. 1994;25(6):1263-1267
 523. -Riley DE. Paroxysmal kinesigenic dystonia associated with a medullary lesion. Mov Disord 1996;11(6):738-40 & Mov Disord. 1997;12(5):819
 524. -Rizzolatti G, V Gallese Resonance behaviors and mirror neurons Archives Italiennes de biologie 1999;137:85-100
 525. -Robe LB, Gromisch DS, Iosub S Symptoms of neonatal ethanol withdrawal. Curr Alcohol 1981;8:485-93
 526. -Robertson MM, Stern JS Gilles de la Tourette syndrome: symptomatic treatment based on evidence. Eur Child Adolesc Psychiatry 2000;9 (Suppl 1):160-75
 527. -Robins C et al Some aspects of the behavior of the blennioid fish Chaenopsis ocellata Poey Proceedings of the zoological society of London 1959;44:77-84
 528. -Rodriguez-Sierra J Testosterone potentiation of the effectiveness of ACTH on the induction of the stretch-yawning syndrome in male Guinea Pigs Hormones and Behavior 1981;15:77-85
 529. -Rollinson RD, Gilligan BS Postanoxic action myoclonus (Lance-Adams syndrome) responding to valproate Arch Neurol 1979;36(1):44-45
 530. -Rollinson RD et al Drug-induced yawning successfully treated with pimozide Arch Neurol 1979;36:253
 531. -Rüthrich HL, Grecksch G, Matthies H Influence of modified casomorphins on yawning behavior of rats. Peptides 1992;13(1):69-72.
 532. -Sachs B, Akasofu K, et al. Effects of Copulation on Apomorphine-Induced Erection in Rats. Pharmacol Biochem Behav. 1994;48(2):423-428
 533. -Saghafi MM, Pregelj P, Zivin M. Donepezil Inhibits Diisopropylfluorophosphate-Induced Seizures and Up-regulation of Synaptotagmin 4 mRNA. Folia Biol (Praha). 2010;56(60):256-262
 534. -Sagiuchi T, Tachibana S et al. Lhermitte sign during yawning associated with congenital partial aplasia of the posterior arch of the atlas Am J Neuroradiol 2006;27:258-260
 535. -Sakai K, Takahashi Y Driving and subsidiary behavior of taxi drivers working alternate-day shifts Hum Ergol (Tokyo) 1975;4(2):115-27
 536. -Salamone JD, Lalties MD, Channell SL, Iversen SD. Behavioural and pharmacological characterization of the mouth movements induced by muscarinic agonists in the rat. Psychopharmacology (Berl). 1986;88(4):467-71.
 537. -Salmon A Le bâillement physiologique et pathologique Press Med 1948;56:739-740
 538. -Sandyk R Excessive yawning and progressive supranuclear palsy Int J Neurosci 1987;34(1-2):123-124
 539. -Sandyk R The biological significance of yawning elicited by application of electromagnetic fields in multiple sclerosis. International J of neurosciences 1997;89(1):53-60
 540. -Sandyk R Yawning and stretching induced by transcranial application of AC pulsed electromagnetic fields in Parkinson's disease. Int J Neurosciences 1999;97(1-2):139-145
 541. -Sandyk R Cholinergic mechanisms in Gilles de la Tourette's syndrome Int J Neurosci 1995;81(1-2):95-100
 542. -Sandyk R Effects of picotesla flux electromagnetic fields on dopaminergic transmission in Tourette's syndrome. Int J Neurosci 1996; 84(1-4):187-94
 543. -Sarnecki J Content and Contagion in Yawning Philosophical Psychol 2008;21(6):721-737
 544. -Sato F et al. Suppressive effects of chronic hyperprolactinemia on penile erection and yawning following administration of apomorphine to pituitary-transplanted rats Journal of Anthology 1997;18(1):21-25
 545. -Sato-Suzuki I, Kita I, Oguri M, Arita H Stereotyped yawning responses induced by electrical and chemical stimulation of paraventricular nucleus of the rat Journal of Neurophysiology, 1998;80(5):2765-2775
 546. -Sato-Suzuki I, I Kita, Seki Y, M Oguri, H Arita Cortical arousal induced by microinjection of orexins into the paraventricular nucleus of the rat Behavioural Brain Research 2002;128:169-177
 547. -Sauer F, Sauer E Yawning and other maintenance activities in the South African Ostrich The Auk October 1967;84:571-587
 548. -Scheel-Krüger J The syndrome of sedation and yawning behaviour in the rat is dependent on postsynaptic dopamine d-2 receptors J Psychopharmacol 1986;89(4):S32
 549. -Shilkret H Psychogenic sneezing and yawning. Psychosom Medicine 1949;11(2):127-128
 550. -Schiller F Yawning ? Journal of the History of the Neurosciences 2002;11(4): 392-401
 551. -Schino G, Aureli F Do men yawn more then women ? Ethol. sociobiol. 1989;10:375-378
 552. -Schoonman GG, Evers DJ, Terwindt GM, van Dijk JG, Ferrari MD. The prevalence of premonitory symptoms in migraine: a questionnaire study in 461 patients. Cephalalgia. 2006;26(10):1209-1213
 553. -Schniter E The evolution of yawning : why do we yawn and why is it contagious ? thèse 2001

554. -Schroth G, Klose U Cerebrospinal fluid flow; Physiology of respiration-related pulsations. *Neuroradiology* 1992;35(1):10-5
555. -Schurmann M, Hari R et al Yearning to yawn: the neural basis of contagious yawning *NeuroImage* 2005;24:1260-1264
556. -Sejnowski TJ and Destexhe A Why do we sleep ? *Brain Research* 2000;886(1):208-223
557. -Seki Y, Y Nakatani, et al Light induces cortical activation and yawning in rat *Behav Brain Res* 2003;140(1-2):65-73
558. -Seki Y, Sato-Suzuki I, et al Yawning/cortical activation induced by microinjection of histamine into the paraventricular nucleus of the rat. *Behav Brain Res.* 2002;134(1-2):75-82.
559. -Selbach C., Selbach H. Das Rekel-Syndrom als Wirkungsfolge eines biologischen Regelsystems. *Monatschr.f. Psychiat .u. Neurol* 1953;125:671-682.
560. -Senju A, Maeda M, Kikuchi Y, Hasegawa T, Tojo Y, Osanai H Absence of contagious yawning in children with autism spectrum disorder. *Biology Letters* 2007;3:706-708
561. -Senju A, Kikuchi Y, Akechi H et al. Does eye contact induce contagious yawning in children with autism spectrum disorder? *Journal of Autism and Developmental Disorders* 2009;39(11):1598-1602
562. -Sepulveda W, Mangiamarchi M Fetal yawning. *Ultrasound Obstet Gynecol* 1995;5(1):57-59
563. -Serra G, Collu M, Serra A, Gessa GL Estrogens antagonize apomorphine-induced yawning in rats *Europ J Pharmacol* 1984;104:383-386
564. -Serra G, Collu M, Gessa GL Dopamine receptors médiating yawning are they autoreceptors *Europ J Pharmacology* 1986;120:187-192
565. -Serra G et al Hypophysectomy prevents ACTH-induced yawning and penile erection in rats *Pharmacology Biochemistry & Behavior* 1987;26:277-279
566. -Serra G , Collu M and Gessa GL Yawning is elicited by D2 dopamine agonists but is blocked by D1 antagonist *Psychopharmacology* 1987;91:330-337
567. -Serra G, Gessa GL Hypophysectomy prevents yawning and penile erection but not hypomotility induced by apomorphine *Pharmacology Biochemistry & Behavior* 1983;19:917-919
568. -Serra G et al Cycloheximide prevents apomorphine induced yawning, penile erection and genital grooming in rats *European Journal of Pharmacology* 1983;86:279-282
569. -Sevak RJ, Koek W, Galli A, France CP Insulin replacement restores the behavioral effects of quinpirole and raclopride in streptozotocin-treated rats. *J Pharmacol Exp Ther.* 2007;320(3):1216-1223
570. -Sevak RJ, Koek W, Owens WA et al. Feeding conditions differentially affect the neurochemical and behavioral effects of dopaminergic drugs in male rats. *Eur J Pharmacol.* 2008;592(1-3):109-115
571. -Shader R, D Greenblatt Yawning and anxiety modulation *J of Clin Psychopharmacol* 1985;5:1
572. -Shader R, D Greenblatt Yawning, a postscript and preliminary thoughts about sighing *J of Clin Psychopharmacol* 1987;7:3
573. -Sharifzadeh M, Firooz EK, Abdollahi M Effects of different periods of lithium pretreatment and aminoglycoside antibiotics on apomorphine-induced yawning in rats *Pharmacol Toxicol* 2000;87(2):84-8
574. -Sharifzadeh M et al. Alterations of physostigmine-induced yawning by chronic lithium administration in rats *Pharmacol Toxicol* 1997;81(4):159-163
575. -Sharpe LG, Swanson LW Drinking induced by injections of angiotensin into forebrain and mid-brain sites of the monkey. 1974;239:595-622
576. -Sherer DM, Smith SA, Abramowicz JS Fetal yawning in utero at 20 weeks gestation. *J Ultrasound Med* 1991;10(2):68
577. -Shin-Ei Y A case of parkinsonism with yawning seizure *The Sapporo Medical J* 1954;6(5):312-325
578. -Shoup-Knox ML, Gallup ac and al. Yawning and stretching predict brain temperature changes in rats: support for the thermoregulatory hypothesis. *Evolutionary neuroscience.* 2010;2(9):article 108:5p
579. -Sicard JA et Paraf A Bâillements au cours de l'encéphalite épidémique *Bulletins et mémoires de la Société médicale des hôpitaux de Paris.*1921;45:232
580. -Siegal S, Twiest M, Friedell A, Bhangoo K Why the yawn *New England Journal of medecine* 1974:1028 / 1974:1439
581. -Simon P, B Guardiola et al. 5-HT1A receptor agonists prevent in rats the yawning and penile erections induced by direct dopamine agonists *Psychopharmacology (Berl)* 1992;108(1-2):47-50
582. -Simonds AK Why do people yawn ? *Student BMJ* 1998;6:191
583. -Singer OC, Humpich MC, et al. Yawning in acute anterior circulation stroke. *J Neurol Neurosurg Psychiatry.* 2007;78(11):1253-1254.
584. -Skorzevska A, Tesfaye Y , Krishnan B, Schwartz G, Thavundayil J, Lal S Effect of scopolamine on spontaneous yawning in men. *Neuropsychobiology* 1993;27(1)17-20
585. -Smith E.O. Yawning: An Evolutionary Perspective *Human evolution* 1999;14(3)191-198
586. -Smith HP, Nichols DE, et al. Locomotor inhibition, yawning and vacuous chewing induced by a novel dopamine D2 post-synaptic receptor agonist *EurJ Pharmacology* 1997;323:27-36
587. -Sommet A, Desplas M, Lapeyre-Mestre M, Montastruc JL. Drug-induced yawning: A review of the french pharmacovigilance database *Drug Saf.* 2007;30(4):327-331

588. -Specchio N, Carotenuto A et al. Ictal yawning in a patient with drug-resistant focal epilepsy: Video/EEG documentation and review of literature reports. *Epilepsy Behav* 2011;22(3):602-605
589. -Spina, R Longoni, A Mulas, G di Chiara SKF 38393 potentiates yawning induced by LY 171555: further evidence against the autoreceptor hypothesis of yawning *Psychopharmacology* 1989;98:567-568
590. -Stahle L, Ungerstedt U Discrepancy in the time course of EMD 23448 induced yawning and reduction of extracellular dopamine *Psychopharmacology* 1989;97:275-276
591. -Stahle L Do autoreceptors mediate dopamine agonist-induced yawning and suppression of exploration ? a critical review. *Psychopharmacology* 1992;106:1-13
592. -Stahle L, Ungerstedt U Assessment of dopamine autoreceptor agonist properties of apomorphine, (+)3ppp and (-)3ppp by recording of yawning behaviour in rats *Europ J Pharmacol* 1984;98:307-310
593. -Stahle L, Ungerstedt U Yawning and suppression of exploration in amphetamine-treated rats, incompatibility with the autoreceptor hypothesis *Psychopharmacology* 1989;97:553-560
594. -Stahle L, Ungerstedt U Yawning and suppression of exploration induced by dopamine agonists: no relation to extracellular striatal levels of dopamine *Pharmacol Biochem Behav* 1990;35:201-209
595. -Stancampiano R, Melis MR, Argiolas A Penile erection and yawning induced by 5-HT1c receptor agonists in male rats: relationship with dopaminergic and oxytocinergic transmission *European J Pharmacology* 1994;261:149-155
596. -Stern E, Silbersweig DA, Chee KY, Holmes A, Robertson MM, Trimble M, Frith CD, Frackowiak RS, Dolan RJ A functional neuroanatomy of tics in Tourette syndrome. *Arch Gen Psychiatry* 2000;57;(8)741-8
597. -Stoessl AJ Effects of ageing on the behavioural responses to dopamine agonists: decreased yawning and locomotion, but increased stereotypy *Brain Research* 1989;95:20-30
598. -Stoessl AJ, Dourish CT, Iversen SD The NK-3 tachykinin agonist senktide elicits yawning and chewing mouth movements following subcutaneous administration in the rat. Evidence for cholinergic mediation. *Psychopharmacology (Berl)*. 1988;95(4):502-506
599. -Stoessl AJ, Dourish CT, Iversen SD Apomorphine-induced yawning in rats is abolished by bilateral 6-hydroxydopamine lesions of the substantia nigra *Psychopharmacol*; 1987;93:336-342
600. -Succu S, Spano MS, Melis MR, Argiolas A. Different effects of omega-conotoxin on penile erection, yawning and paraventricular nitric oxide in male rats. *Eur J Pharmacol*. 1998;359(1):19-26
601. -Sulkava R, Kovanen J. Locked-in syndrome with rapid recovery: a manifestation of basilar artery migraine? *Headache* 1983;23:238-239
602. -Sutcliffe JG, de Lecea L. The hypocretins : setting the arousal threshold, *Nature Neuroscience* 2002; 3; 5; 339-349
603. -Szechtman H et al Sensitization and tolerance to apomorphine in men: yawning, growth hormone, nausea, and hyperthermia *Psychiatry Research* 1988, 23, 245-255
604. -Szechtman H Timing of yawns induced by a small dose of apomorphine and its alteration by naloxone *Prog Neuro-Psychopharmacol & Biol Psychiat* 1984;8:743-746
605. -Tamaddonfard E et al Central interaction between physostigmine and histamine during yawning in rats. *Pharmacological Reports* 2008;60:896-90
606. -Taskapilioglu O, Akkaya C, Sarandol A, Kirli S. Pathological yawning in a patient with anxiety and chronic disease anaemia *J Psychopharmacol* 2009;23(2):211-213
607. -Tang AH, Himes CS Apomorphine produced more yawning in Sprague-Dawley rats than in F344 rats: a pharmacological study *Eur J Pharmacol* 1995;284(1-2):13-18
608. -Teive H, Becker N, Munhoz RP. Parakinesia Brachialis Oscitans due Brainstem Stroke. Report of two cases *Parkinson Rel Dis* 2009;15(Supp 2):S154
609. -Teshfaye Y, Lal S Hazard of yawning *Canadian Med Assoc J* 1990;142(1):15 et 1991;145(12):1560
610. -Thacker SK, Perna MK, Ward JJ, Schaefer TL. The effects of adulthood olanzapine treatment on cognitive performance and neurotrophic factor content in male and female rats neonatally treated with quinpirole. et al. *Eur J Neurosci*. 2006;24(7):2075-2083
611. -Thompson SBN. The dawn of the yawn: is yawning a warning? linking neurological disorders. *Medical Hypotheses* 2010;75(6):630-633
612. -Thompson SBN. Born to yawn? Cortisol linked to yawning: A new hypothesis. *Medical Hypotheses* 2011;
613. -Thomson HC Associated movements in hemiplegia : their origin and physiological significance *Brain* 1903;26:515-523
614. -Thorn L, Ashmeade TE, Storey VJ, Routledge C, Reavill C. Evidence to suggest that agonist modulation of hyperlocomotion is via post-synaptic dopamine D2 or D3 receptors. *Neuropharmacology*. 1997;36(6):787-792
615. -Tizabi Y et al Nicotine blocks quinpirole-induced behavior in rats: psychiatric implications *Psychopharmacology* 1999;145:433-441
616. -Titze I Regulating glottal airflow in phonation: application of the maximum power transfer theorem to a low dimensional phonation model *J Acoust Soc Am* 2002;111(1):367-376
617. -Topper R. et al. Involuntary stretching during yawning in patients with pyramidal tract lesions: further

- evidence for the existence of an independent emotional motor system *European J Neurology* 2003;10(5):495-499
618. -Trautmann René Frédéric Le bâillement Thèse Bordeaux, 1901-02, 86 pages N°40
 619. -Trica TC Bioelectric-mediated predation by Swell Sharks, *Cephaloscyllium Ventriosum*. *Copeia*.1982;4:948-952
 620. -Troisi A, Aureli F, Schino G, Rinaldi F, De Angeli N, the influence of age, sex, rank on yawning behavior in two species of macaques (*Mfascicularis*, *Mfuscata*), *Ethology*, 1990;86:303-310
 621. -Trulson ME, Brandstetter JW, Crisp T, Jacobs BL. Behavioral effects of quipazine in the cat. *Eur J Pharmacol*. 1982;78(3):295-305
 622. -Tsou CH, Kao T, Fan KT, et al. Clinical assessment of propofol-induced yawning with heart rate variability: a pilot study. *J Clin Anesth*. 2008;20(1):25-29
 623. -Tufik S et al Effects of stress on drug induced yawning *Physiology & behavior* 1995;58(1):1881-1884
 624. -Tufik S Does REM sleep deprivation induce subsensitivity of presynaptic dopamine or postsynaptic acetylcholine receptors in the rat brain? *European Journal of Pharmacology* 1987;140:215-219
 625. -Ugarte A, Eguibar JR, Cortés MD, et al. Comparative analysis of maternal care in the high-yawning (HY) and low-yawning (LY) sublimes from sprague-dawley rats. *Dev Psychobiol*. 2011;53(2):105-117
 626. -Ugboko VI, Oginni FO, Ajike SO, Olasoji HO, Adebayo ET. A survey of temporomandibular joint dislocation: aetiology, demographics, risk factors and management in 96 Nigerian cases. *Int J Oral Maxillofac Surg*. 2005;34(5):499-502
 627. -Unnikrishnan KP, Sinha PK, Rao S. Mandibular dislocation from yawning during induction of anesthesia. *Can J Anaesth*. 2006;53(11):1164-5.
 628. -Urba-Holmgren R, Trucios N, Holmgren B, Eguibar JR, Gavito A, Cruz G, Santos A Genotypic dependency of spontaneous yawning frequency in the rat *Behav Brain Res* 1990;40(1):29-35
 629. -Urba-Holmgren R, Santos A, Holmgren B, Eguibar JR Two inbred rat sublimes that differ in spontaneous yawning behavior also differ in their responses to cholinergic and dopaminergic drugs *Behav Brain Res* 1993;56(2):155-159
 630. -Urba-Holmgren R, Holmgren B, Rodriguez R, Gonzalez RM Serotonergic modulation of yawning *Pharmacol Biochem Behav* 1979;11(3):371-372
 631. -Urba-Holmgren R, Gonzalez RM, Holmgren B Is yawning a cholinergic response? *Nature* 1977; 267(5608): 261-2 et commentaires Cholinergic link in yawning A Cowan *Nature* 1978;271:187-188
 632. -Urba-Holmgren R, Holmgren B, Leon BA, Ugarte A Age-dependent changes in serotonergic modulation of yawning in the rat. *Pharmacol Biochem Behav* 1992;43(2):483-486
 633. -Ushijima I, Mizuki Y, Yamada M Multifocal sites of action involved in dopaminergic-cholinergic neuronal interactions in yawning *Psychopharmacology (Berl)* 1988;95:34-37
 634. -Ushijima I et al, Muscarinic and nicotinic effects on yawning and tongue protruding in the rat *Pharmacol Biochem Behavior* 1984;21:297-300
 635. -Ushijima et al modification of apomorphine, physostigmine and pilocarpine induced yawning after long term treatment with neuroleptic or cholinergic agents *Arch Int Pharmacodyn* 1984;271:180-188
 636. -Ushijima I et al Characteristics of yawning behavior induced by apomorphine, physostigmine and pilocarpine *Arch Int Pharmacodyn* 1985;273:196-201
 637. -Ushijima, I., Y. Mizuki, et al. Behavioral effects of dilazep on cholinergic, dopaminergic, and purinergic systems in the rat. *Pharmacol Biochem Behav* 1992;43(3):673-676.
 638. -Ushijima I, Mizuki Y, et al Effects of age on behavioral responses to dopamine agonists in the rat. *Eur J Pharmacol*. 1987;138(1):101-106.
 639. -Ushijima I, Mizuki Y, Yamada M. The mode of action of bromocriptine following pretreatment with reserpine and alpha-methyl-p-tyrosine in rats. *Psychopharmacology (Berl)*. 1988;95(1):29-33.
 640. -Valdés-Cruz A. et al Chronic stimulation of the cat vagus nerve Effect on sleep and behavior *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2002;26:13-118
 641. -van den Buuse M. Differential effects of quinolorane and pergolide on behaviour, blood pressure, and body temperature of spontaneously hypertensive rats and Wistar-Kyoto rats. *Pharmacol Biochem Behav*. 1995;50(3):389-397.
 642. Van Erp AM, Kruk MR, et al. Grooming induced by intrahypothalamic injection of ACTH in the rat: comparison with grooming induced by intrahypothalamic electrical stimulation and i.c.v. injection of ACTH. *Brain Res*. 1991;538(2):203-210
 643. -Van Sweden B, Vanderhoven L, van Erp MG Excessive yawning *Acta Neurol Belg* 1994;94(3):150-151
 644. -Van Woerden EE et al Fetal mouth movements during behavioral states 1F and 2FEur *J Obstet Gynecol Reprod Biol* 1988;29:97-105
 645. -Veenema HC, Spruijt BM, et al Aging, dominance history, and social behavior in Java-monkeys (*Macaca fascicularis*). *Neurobiol Aging*. 1997;18(5):509-515
 646. -Verdure-poussin A, Weber J Dossier troubles du sommeil, *Revue du Praticien Médecine Générale* 2001;15(550):787-1801
 647. -Viblanç Va et al. It costs to be clean and fit: energetics of comfort behavior in breeding-fasting

- penguins. PLoS One
648. 2011;6(7):e21110
 649. -Vick SH, Paukner A Variation and context of yawns in captive chimpanzees *Am J Primato* 2009;71:1-8
 650. -Villablanca J, Marcus R Sleep-wakefulness, EEG and behavioral studies of chronic cats without neocortex and striatum: the "diencephalic" cat *Arch Ital Biol* 1972;110(3):348-382
 651. -Voigt CC et al Storage and display of odour by male *Sacropteryx bilineata* *Behav Ecol Sociobiol* 1999;47:29-40
 652. -Von Armin Heymer, et al On the ethology of the mediterranean fish (*Blennius rouxi* Cocco 1833) *Zeitschrift für Tierpsychology* 1976;41(2):121-141
 653. -Walshe FMR On certain tonic or postural reflexes in hemiplegia with special reference to the so called "associated movements" *Brain*, 1923;46:1-37
 654. -Walusinski O Pourquoi bâillons-nous ? *La Revue du Praticien médecine générale* 2000;14(487):259-263
 655. -Walusinski O le bâillement du réflexe à la pathologie AIM actualités innovations médecine 2002;(80):34-36
 656. -Walusinski O, Deputte BL Le bâillement : de l'éthologie à la médecine clinique *Revue du Praticien* 2002 52:18
 657. -Walusinski O, Deputte BL Le bâillement : phylogenèse, éthologie, nosogénie *La Revue Neurologique (Paris)* 2004;160(11):1011-1021
 658. -Walusinski O, Kurjak A, Andonotopo W, Azumendi G Fetal yawning assessed by 3D and 4D sonography *The Ultrasound Review of Obstetrics & Gynecology* 200(;5(3):210-217
 659. -Walusinski O. Yawning: Unsuspected avenue for a better understanding of arousal and interoception. *Med Hypotheses*. 2006;67(1):6-10
 660. -Walusinski O Yawning : a behavior testifying arousal reinforcement during brainstem stroke.response jnnp 2005 pdf
 661. -Walusinski O, Bogosslavsky J, Neau JP. Hand up ! yawn and raise your arm. *The International Journal of Stroke* 2010;5(1):21-27
 662. -Walusinski O. Yawning in diseases *European Neurology* 2009;62(3):180-187
 663. -Weila RS et al. Air swallowing as a tic *Journal of Psychosomatic Research* 2008;65:497-500
 664. -Weinberg WA, Brumback RA Primary disorder of vigilance: a novel explanation of inattentiveness, daydreaming, boredom, restlessness, and sleepiness. *J Pediatr* 1990; 116; 5; 720-5 Comment in: *J Pediatr*. 1991;118;(3):489-90
 665. -Weller MP, Yawning, *Lancet* 23/4/1988;(859):950 (très brève lettre réponse à Wimalaratana)
 666. -Wernsmann B, Pape HC, Speckmann EJ, Gorji A. Effect of cortical spreading depression on synaptic transmission of rat hippocampal tissues. *Eur J Neurosci*. 2006;23(5):1103-1110
 667. -Whiteley AM, Warrington EK Prosopagnosia : a clinical, psychological and anatomical study in three patients. *Journal of neurological & neurosurgical psychiatry*, 1977;67:394-430
 668. -Whyte S, P Darveniza A Review of 20 Cases of Spastic Dysphonia *Clin Exp Neurol* 1989;26:177-181
 669. -Wicks P Excessive yawning is common in the bulbar-onset form of ALS *Acta Psychiatr Scand* 2007:1
 670. -Wielosz M Yawning induced by apomorphine, physostigmine or pilocarpine is inhibited by electroconvulsiv shock *Acta Physiologica Hungaria* 1996;84(4):473-475
 671. -Wilkinson A et al. No evidence of contagious yawning in the red-footed tortoise. *Current Zoology* 2011;57(4):477-484
 672. -Williams DR The yawning reflex: An upper motor neuron sign in amyotrophic lateral sclerosis *Neurology* 2000;55(10):1592-1593
 673. -Wimalaratana HS, Capildeo R Is yawning a brainstem phenomenon ? *Lancet*, 6/2/1988,1(8580):300
 674. -Wind J le hoquet et le bâillement *Practica Oto Rhino Laryngologica* 1970;32:1
 675. -Winther B et al Radiopaque contrast dye in nasopharynx reaches the middle ear during swallowing and/or yawning *Acta Oto-Laryngologica* 2005;125:625-628
 676. -Wong KY, Ngan KC, Sin VC, Lau WH Sphenoidal sinus mucocoele and yawning after radiation treatment for nasopharyngeal carcinoma. *Clin Oncol (R Coll Radiol)* 1997;9(6):415-417
 677. -Wong R, Sagar S The treatment of persistent yawning with acupuncture. *Acupunct Med* 2000;18:124-126
 678. -Wood PL et al Increase of hippocampal acetylcholine turnover rate and the stretching-yawning syndrome elicited by alpha-MSH and ACTH *Life Sciences*1978;22:673-378
 679. -Woodbury R, B Abretj Influence of dying gasps, yawns and sighs on blood pressure and blood flow *Am J Physiol* 1944; 142:721-724
 680. -Wu CC, Chen JY, Tao PL, Chen YA, Yeh GC. Serotonin reuptake inhibitors attenuate morphine withdrawal syndrome in neonatal rats passively exposed to morphine. *Eur J Pharmacol*. 2005;512(1):37-42.

681. -Xiao Fan, Yanfeng Sun, et al. Gabor-based dynamic representation for human fatigue monitoring in facial image sequences *Pattern Recognition Letters* 2010;31:234-243
682. -Xu JH, Ikeda Y, Komiyama S Bio-feedback and the yawning breath pattern in voice therapy: a clinical trial. *Auris Nasus Larynx* 1991;18(1):67-77
683. -Yamada K, Furukawa T Direct evidence for involvement of dopaminergic inhibition and cholinergic activation in yawning *Psychopharmacology* 1980;67:39-43
684. -Yamada K, Furukawa T The yawning elicited by alpha-melanocyte-stimulating hormone involves serotonergic -dopaminergic - cholinergic neuron link in rats Naunyn-Schmiedeberg's *Arch Pharmacol* 1981;316:155-160
685. -Yamada K et al Involvement of septal and striatal dopamine D2 receptors in yawning behavior in rats *Psychopharmacology* 1986;90:9-13
686. -Yamada K et al Possible involvement of differing classes of dopamine d2 receptors in yawning and stereotypy in rats *Psychopharmacology* 1990;100:141-144
687. -Yamada K, Furukawa T Behavioral studies on central dopaminergic neurons. especially jumping, stretching, body shaking and yawning behavior *J Pharmacobiodynamics* 1980; 3; S16-S18
688. -Yamada K, Matsumoto S, Nagashima M, Kumagai M, Matsuo N, Furukawa T Stimulatory effects of beta-adrenoceptor blockers on the yawning induced by dopaminergic and cholinergic agonists in rats. *Japanese J Pharmacology* 1987;43; supp53p
689. -Yamada K, S Matsumoto, M Nagashima, K Shirakawa, T Furukawa Potentiation of yawning responses to the dopamine receptor agonists B-HT 920 and SND 919 by pindolol in the rat *J Neural Transm* 1990;79:19-24
690. -Yan F, Dai SY, Akther N, Kuno A, Yanagihara T, Hata T. Four-dimensional sonographic assessment of fetal facial expression early in the third trimester. *Int J Gynaecol Obstet.* 2006
691. -Yankovsky A, Andermann F, Dubeau F. Post-ictal forceful yawning: an autonomic symptom in a patient with nondominant hemisphere epilepsy. video-EEG presentation *Epilepsia* 2005;46:s8; 23-34
692. -Yankovsky A, Andermann F, Dubeau F. Post-ictal forceful yawning in a patient with nondominant hemisphere epilepsy *Epileptic disord.* 2006;8(1):65-69
693. -Yap AU, Tan KB, Hoe JK, Yap RH, Jaffar J On-line computerized diagnosis of pain-related disability and psychological status of TMD patients: a pilot study. *J Oral Rehabil* 2001;28(1):78-87
694. -Yigiter AB, Kavak ZN. Normal standards of fetal behavior assessed by four-dimensional sonography. *J Matern Fetal Neonatal Med.* 2006;19(11):707-721
695. -Yoon JMD, Tennie C Contagious yawning: a reflection of empathy, mimicry, or contagion. *Anim Behav* 2010;79:e1-e3
696. -Zafar H Integrated jaw and neck function in man. Studies of mandibular and head-neck movements during jaw opening-closing tasks. *Arch Oral Biol* 2000;45(8):675-82.
697. -Zarrindast MR, Poursoltan M Interactions of drugs acting on central dopamine receptors and cholinergic receptors on yawning responses in the rat induced by apomorphine, bromocriptine or physostigmine *Br J Pharmacol* 1989;96(4):843-848
698. -Zarrindast, MR, Jamshidzadeh A Inhibitory effect of morphine on yawning induced by cholinergic receptor and dopamine D2 receptor activation in rats *Br J Pharmacol* 1992;105(3):675-678
699. -Zarrindast MR, Toloui V, Hashemi B Effects of GABAergic drugs on physostigmine-induced yawning in rats; *Psychopharmacology (Berl)* 1995;122:297-300
700. -Zarrindast MR, Fazli-Tabai S, Semnanian S, Fathollahi Y Influence of different adrenoceptor agonists and antagonists on physostigmine-induced yawning in rats. *Pharmacol Biochem Behav* 1999;62(1):1-5
701. -Zarrindast MR, M Ghazi-Khansari, et al Effects of lead exposure on licking and yawning behaviour in rats *Pharmacol toxicol* 1998;83:120-124
702. -Zarrindast MR et al Effects of adenosine agents on apomorphine-induced yawning in rats *Psychopharmacology* 1995;122:292-296
703. -Zarrindast MR et al Effects of adenosine receptor agonists and antagonists on physostigmine-induced yawning *Europ J Pharmacology* 1995;276:3-7
704. -Zarrindast MR et al The effect of electroconvulsive shock seizures on behaviour induced by dopaminergic agonists and on immobility in the Porsolt test *Europ Neuro Psychopharmacol* 2004;14(6):509-514
705. -Zarrindast M, K Nojoomi et al Nitric oxide agents and apomorphine induced rat behaviors *Pharmacology* 2004;71:169-173
706. -Zilli I, Giganti F, Salzarulo P. Yawning in morning and evening types. *Physiol Behav* 2007;91(2-3):218-222
707. -Zilli I, Giganti F, Uga V. Yawning and subjective sleepiness in the elderly. *J Sleep Res* 2008;17:3003-308
708. -Zucker EL, Gerald, MS, Kaplan, JR Frequencies and contexts of gape yawn displays of free-ranging patas monkeys (*Erythrocybus patas.*) *American Journal of Primatology* 1998;45(2):215