

References

References

- Abdelfatah D, Shaker H and Ismail M (2009):** Nocturnal polyuria and nocturnal arginine vasopressin (AVP): A key factor in the pathophysiology of monosymptomatic nocturnal enuresis. *Neurourol Urodyn*; 28: 506-509.
- Aguilera CM, Gil-Campos M and Canete R (2008):** Alterations in plasma and tissue lipids associated with obesity and metabolic syndrome. *Clin Sci*; 114:183–193.
- Ajlouni KM, Ahmad AT and Al-Zahiri MM (2005):** Sleepwalking associated with hyperthyroidism. *Endocr Pract*; 11:5-10.
- Akerstedt T and Nilsson PM (2003):** Sleep as restitution: an introduction. *J Intern Med*; 254: 612.
- Aksu K, Firat Güven S and Aksu F (2009):** Obstructive sleep apnoea, cigarette smoking and plasma orexin-A in a sleep clinic cohort. *J Int Med Res*; 37: 331-340.
- Alexopoulos EI, Kaditis AG, Kostadima E and Gourgoulisanis K (2005):** Resolution of nocturnal enuresis in snoring children after treatment with nasal budesonide. *Urology*; 66: 194.
- Allen R (2004):** Dopamine and iron in the pathophysiology of restless legs syndrome (RLS) *Sleep Med*; 5:385–91.
- American Academy of Sleep Medicine (2005):** International classification of sleep disorders, 2nd ed .Diagnostic and coding manual. Westchester, Illinois, USA.
- American Association for the Advancement of Science (2009):** Narcolepsy is an autoimmune disorder, Stanford researcher says”. *Eurek Alert*. [eurekalert.org/pubreleases/ 05/sumc-nia042809. Php](http://eurekalert.org/pubreleases/05/sumc-nia042809.Php).

References

- Antonijevic I (2007):** HPA axis and sleep: identifying subtypes of major depression. *Stress*; 11: 15-27.
- Antonijevic IA and Steiger A (2003):** Depression-like changes of the sleep-EEG during high dose corticosteroid treatment in patients with multiple sclerosis. *PNEC*; 28: 780- 795.
- Antonijevic IA, Murck H and Bohlhalter S (2000b):** NPY promotes sleep and inhibits ACTH and cortisol release in young men. *Neuropharmacol*; 39: 1474-1481.
- Antonijevic IA, Murck H, Frieboes RM, Barthelmes J and Steiger A (2000a):** Sexually dimorphic effects of GHRH on sleep endocrine activity in patients with depression and normal controls - part I: the sleep EEG. *Sleep Research Online* 3: 5-13.
- Antonijevic IA, Murck H, Frieboes RM, Uhr M and Steiger A (2003):** On the role of menopause for sleep-endocrine alterations associated with major depression. *PNEC* 28: 401-418.
- Antonijevic IA, Stalla GK and Steiger A (2000c):** Modulation of the sleep electroencephalogram by estrogen replacement in postmenopausal women. *Am J Obstet Gynecol*; 182: 277-282.
- Arnaud C, Dematteis M, Pepin JL, Baguet JP and Levy P (2009):** Obstructive sleep apnea, immuno-inflammation, and atherosclerosis. *Semin Immunopathol*; 31(1):113–125.
- Arnulf I, Zeitzer JM and File J (2005):** Kleine- Levin syndrome: a systematic review of 186 cases in the literature. *Brain*. 128 (Pt 12): 2763-2776.

References

- Asai H, Hirano M and Furiya Y (2009):** Cerebrospinal fluid-orexin levels and sleep attacks in four patients with Parkinson's disease. Clin Neurol Neurosurg; 111: 341-344.
- Attal P and Chanson P (2009):** Endocrine Aspects of Obstructive Sleep Apnea .The Journal of Clinical Endocrinology & Metabolism; Vol. 95, No. 2 483-495.
- Attal P, Claes V, Bobin S, Chanson P, Kamenicky P, Zizzari P and Lecarpentier Y (2009):**Growth hormone excess and sternohyoidmuscle mechanics in rats. Eur Respir J; 34:967–974.
- Aurora N (2007):** Sleep apnea and metabolic syndrome. Sleep medicine clinic.2:237-250.
- Axelsson J, Ingre M and Akerstedt T (2005):** Effects of acutely displaced sleep on testosterone. J Clin Endocrinol Metab; 90:4530 -41535.
- Ayas N T, White D P and Al-Delaimy W K (2003):** “A prospective study of self-reported sleep duration and incident diabetes in women,” Diabetes Care, vol. 26, no. 2, pp. 380–384.
- Aydil U, Işeri E, Kizil Y, Bodur S, Ceylan A and Uslu S (2008) :** Obstructive upper airway problems and primary enuresis nocturna relationship in pediatric patients: reciprocal study. J Otolaryngol Head Neck Surg; 37: 235-239.
- Azcoitia I, Perez-Martin M, Salazar V, Castillo, C, Ariznavarreta C, Garcia-Segura LM and Tresguerres J A (2005):** Growth hormone prevents neuronal loss in the aged rat hippocampus. Neurobiol; Aging 26, 697–703.
- Babu AR, Herdegen J, Fogelfeld L, Shott S and Mazzone T (2005):** “Type 2 diabetes, glycemic control, and continuous positive airway

References

pressure in obstructive sleep apnea,” Archives of Internal Medicine, vol. 165, no. 4, pp. 447–452.

Bader G, Gillberg C, Johnson M, Kadesjö B and Rasmussen P (2003):

Activity and sleep in children with ADHD. Sleep; 26:A136.

Bae JH, Oh MM, Shim KS, Cheon J, Lee JG, Kim JJ and Moon DG

(2007): The effects of long-term administration of oral desmopressin on the baseline secretion of antidiuretic hormone and serum sodium concentration for the treatment of nocturia: a circadian study. J Urol; 178:200–203.

Baker FC, Driver HS, Paiker J, Rogers GG and Mitchell D (2002):

Acetaminophen does not affect 24-h body temperature or sleep in the luteal phase of the menstrual cycle. J Appl Physiol; 92:1684–91.

Balbo M, Leproult R and Van Cauter E (2010): Impact of Sleep and Its

Disturbances on Hypothalamo Pituitary-Adrenal Axis Activity International Journal of Endocrinology Volume 2010, Article ID 759234, 16 pages.

Banno K, Delaive K and Walld R (2000): Restless legs syndrome in 218

patients: associated disorders. Sleep Med; 1:221-229.

Barcelo A, Barbe F and Llompарт E (2005): Neuropeptide Y and leptin in

patients with obstructive sleep apnea syndrome. American Journal of Respiratory and Critical Care Medicine; 171:183-187.

Barnes TW, Olsen KD and Morgenthaler TI (2004): Obstructive lingual

thyroid causing sleep apnea: a case report and review of the literature. Sleep Med; 5:605-607.

References

- Barone JG, Hanson C, DaJusta DG, Gioia K, England SJ and Schneider D (2009):** Nocturnal enuresis and overweight are associated with obstructive sleep apnea. *Pediatrics*; 124: e53-e59.
- Basu M, Sawhney RC, Kumar S, Pal K, Prasad R and Selvamurthy W (2002):** Hypothalamic-pituitary-adrenal axis following glucocorticoid prophylaxis against acute mountain sickness. *Hormone and Metabolic Research*; 34(6):318–324.
- Becker HF, Jerrentrup A and Ploch T (2003):** Effect of nasal continuous positive airway pressure treatment on blood pressure in patients with obstructive sleep apnea. *Circulation*; 107:68–73.
- Benca R (2007):** Narcolepsy and excessive daytime sleepiness Diagnostic considerations, epidemiology, and co morbidities. *J Clin Psychiatry*; 68 (suppl 13): 5-8.
- Benedict C, Hallschmid M, Hatke A, Schultes, B, FehmHL, Born J and Kern W (2004):** Intranasal insulin improves memory in humans. *Psychoneuroendocrinology* 29, 1326–1334.
- Bentley Al, Rosman KD and Mitchell D (2006):** Gender differences in the presentation of subjects with restless legs syndrome. *Sleep Med*; 7:37-41.
- Berger K, Luedemann J, Trenkwalder C, John U and Kessler C (2004):** Sex and the risk of restless legs syndrome in the general population. *Arch Intern Med*; 164:196–202.
- Bhat T, Pallikaleth SJ and Shah N (2008):** Primary insomnia treated with Zolpidem in an 18-month-old child. *Indian J Psychiatry*; 50:59-60.

References

- Billiard M, Bassetti C and Dauvilliers Y (2006):** EFNS guidelines on management of narcolepsy. EFNS Task Force. Eur J Neurol. Oct; 13:1035-48.
- Birketvedt GS, Florholmen J and Sundsfjord J (1999):** Behavioral and neuroendocrine characteristics of the night eating syndrome. JAMA; 282(7):657-66.
- Bixler EO, Vgontzas AN, Lin HM, Ten Have T, Rein J, Vela-Bueno A and Kales A (2001):** Prevalence of sleep-disordered breathing in women: effects of gender. Am J Respir Crit Care Med; 163(3 Pt 1):608-613.
- Bjorklund A and Dunnett SB (2007):** Dopamine neuron systems in the brain: an update. Trends Neurosci; 30: 194-202.
- Boeve BF, Silber MH, Saper CB, Ferman TJ, Dickson DW and Parisi JE (2007):** Pathophysiology of REM sleep behavior disorder and relevance to neurodegenerative disease. Brain; 130: 2770-88.
- Born J, DeKloet ER, Wenz H, Kern W and Fehm HL (1991):** Gluco- and antimineralocorticoid effects on human sleep: a role of central corticosteroid receptors. Am J Physiol 260: E183-188.
- Born J, Hansen K and Marshall L (1999):** Timing the end of nocturnal sleep. Nature 397: 29-30.
- Born J, Muth S and Fehm H L (1988):** "The significance of sleep onset and slow wave sleep for nocturnal release of growth hormone (GH) and cortisol," Psychoneuroendocrinology, vol. 13, no. 3, pp. 233–243.
- Bosco D, Plastino M, Fava A, Ettore M and Bosco F (2009):** Role of the Oral Glucose Tolerance Test (OGTT) in the idiopathic restless legs syndrome. J Neurol Sci; 287: 60–63.

References

- Bourgin P, Zeitzer JM and Mignot E (2008):** CSF hypocretin-1 assessment in sleep and neurological disorders. *Lancet Neurol*; 7: 649-62.
- Braam W, Smits MG and Didden R (2009):** Exogenous melatonin for sleep problems in individuals with intellectual disability: a meta-analysis. *Dev Med Child Neurol*; 51: 340-349.
- Brabant G, Prank K, Ranftu U, Schuermeyer T, Wagner T O, Hauser H, Kummer B, Feistner H, Hesch R D and Von Zur MuhlenA (1990):** Physiological regulation of circadian and pulsatile thyrotropin secretion in normal man and woman. *J. Clin. Endocrinol. Metab.* 70(2): 403–409.
- Brandenberger G and Weibel L (2004):** The 24-h growth hormone rhythm in men: sleep and circadian influences questioned. *J Sleep Res*; 13:251–5.
- Brennan AM and Mantzoros CS (2006):** "Drug Insight: the role of leptin in human physiology and pathophysiology--emerging clinical applications". *Nat Clin Pract Endocrinol Metab*; 2 (6): 318–27.
- Britton T, Douglas N and Hansen A (2002):** Guidelines on the Diagnosis and Management of Narcolepsy in Adults and Children. Ashtead, Surrey, Taylor Patten Communications.
- Brown LK (2002):** A waist is a terrible thing to mind. Central obesity, the metabolic syndrome, and sleep apnea hypopnea syndrome. *Chest*; 122:774-778.
- Brun J, Chamba G and Khalfallah Y(1998):** "Effect of modafinil on plasma melatonin, cortisol and growth hormone rhythms, rectal temperature and performance in healthy subjects during a 36 h sleep deprivation," *Journal of Sleep Research*, vol. 7, no. 2, pp. 105–114.

References

- Buckley T, Duggal V and Schatzberg AF (2008):** the acute and post-discontinuation effects of a glucocorticoid receptor (GR) antagonist probe on sleep and the HPA axis in chronic insomnia: a pilot study. *J Clin Sleep Med*; 4: 235-241.
- Buckley TM and Schatzberg AF (2005):** On the interactions of the hypothalamic-pituitary-adrenal (HPA) axis and sleep: normal HPA axis activity and circadian rhythm, exemplary sleep disorders; *J Clin Endocrinol Metab*; 90:3106–3114.
- Bursztyn M, Ginsberg G and Stessman J (2002):** The siesta and mortality in the elderly: Effect of rest without sleep and daytime sleep duration. *Sleep*; 25:187–91.
- Butler JV, Mulkerrin EC and O’Keeffe ST (2002):** Nocturnal leg cramps in older people. *Postgrad Med J*, 78:596–598.
- Cajochen C, Kräuchi K and Wirz-Justice A (2003):** Role of melatonin in the regulation of human circadian rhythms and sleep. *J Neuroendocrinol*; 15: 432-437.
- Calabrese EJ, Baldwin LA and Hormesis M (2003):** the dose-response revolution. *Annu Rev Pharmacol Toxicol*; 43:175–97
- Calof OM, Singh AB and Lee ML (2005):** Adverse events associated with testosterone replacement in middle-aged and older men: a meta-analysis of randomized, placebo-controlled trials. *J Gerontol A Biol Sci Med Sci*; 60:1451-1457.
- Cape EG and Jones BE (2000):** Effects of Glutamate Agonist versus Procaine Microinjections into the Basal Forebrain Cholinergic Cell Area upon Gamma and Theta EEG Activity and Sleep-Wake State. *Eur J Neurosci*; 12:2166-2184.

References

- Cappuccio F and Miller MA (2010):** The epidemiology of sleep and cardiovascular risk and disease. In: Cappuccio FP, Miller MA, Lockley SW, editors. *Sleep, Health and Society: From Aetiology to Public Health*. Cary, NC: Oxford University Press; 111–140.
- Carlson JT, Hedner JA, Elam M, Ejnell H, Sellgren J and Wallin G (1993):** Augmented resting sympathetic activity in awake patients with obstructive sleep apnea. *Chest* 103, 1763–1768.
- Carneiro G, Togeiro SM and Hayashi LF (2008):** Effect of continuous positive airway pressure therapy on hypothalamic-pituitary-adrenal axis function and 24-h blood pressure profile in obese men with obstructive sleep apnea syndrome. *American Journal of Physiology*; 295(2):E380–E384
- Carrington MJ and Trinder J (2008):** Blood pressure and heart rate during continuous experimental sleep fragmentation in healthy adults. *Sleep*; 31: 1701– 1712.
- Carskadon M and Dement W (2005):** Normal human sleep: An overview. In: kryger MH, Roth T, Dement WC, eds. *Principles and Practice of Sleep Medicine*. 4th ed. Philadelphia: Elsevier Saunders. Pp.13-23.
- Carskadon MA and Rechtschaffen A (2005):** Monitoring and staging human sleep. In: Kryger MH, Roth TT, Dement WC, eds, *Principles and Practice of Sleep Medicine*. 4th ed Philadelphia: Elsevier Saunders. Pp. 1359-1377.
- Chang FC and Opp MR (2001):** Corticotropin-releasing hormone (CRH) as a regulator of waking. *Neurosci Biobehav Rev* 25: 445-453.
- Chanson P and Salenave S (2008):** Acromegaly. *Orphanet J Rare Dis*; 3:17124.

References

- Chapotot F, Buguet A, Gronfier C and Brandenberger G (2001):** “Hypothalamo-pituitary-adrenal axis activity is related to the level of central arousal: effect of sleep deprivation on the association of high-frequency waking electroencephalogram with cortisol release,” *Neuroendocrinology*, vol. 73, no. 5, pp. 312–321.
- Chen K, Li F and Li J (2006):** Induction of leptin resistance through direct interaction of C-reactive protein with leptin. *Nature Medicine*; 12(4):425–432.
- Chokroverty S (2010):** Overview of sleep & sleep disorders *Indian J Med; Res* 131, pp 126-140
- Chokroverty S (2006):** Disorders of sleep. *American J.N.* November.
- Collop NA and Cassell DK (2002):** Snoring and sleep-disordered breathing. In: Lee-Chiong, TL, Sateia, MJ, Carskadon, MA, editors. *Sleep medicine*. Philadelphia: Hanley & Belfus; p. 349-55.
- Colten HR and Altevogt BM (2006):** Sleep physiology: In *Sleep Disorders and Sleep Deprivation*. The Natural Academies press (Washington) Pub Pp. 33- 53.
- Concalves MA, Guilleminault C and Ramos E (2005):** Erectile dysfunction, obstructive sleep apnea syndrome, and nasal CPAP treatment. *Sleep Med*; 6:333-339.
- Cornelissen G, Halberg F, Burioka N, Perfetto F, Tarquini R and Bakken EE (2000):** “Do plasma melatonin concentrations decline with age?” *Am J Med*; 109(4):343-345.
- Coughlin S R, Mawdsley L, Mugarza J A, Wilding J P H and Calverley PM (2007):** “Cardiovascular and metabolic effects of CPAP in obese

References

- males with OSA,” *European Respiratory Journal*, vol. 29, no. 4, pp. 720–727).
- Criggs RC (1998):** Episodic muscle spasms, cramps, and weakness. In *Harrison’s Principles of Internal Medicine*, edn 14. Edited by Fauci AS, Braunwald E, Isselbacher KJ, et al. New York: McGraw Hill International: 119.
- Cullinan W and Zaborszky L (1991):** Organization of ascending hypothalamic projections to the rostral forebrain with special reference to the innervation of cholinergic projection neurons. *J. Comp. Neurol.* 306, 631–667.
- Cummings DE, Purnell JQ, Frayo RS, Schmidova K, Wisse BE and Weigle DS (2001):** A preprandial rise in plasma ghrelin levels suggests a role in meal initiation in humans. *Diabetes* 50:1714-1719.
- Dauvilliers Y, Montplaisir J, Molinari N, Carlander B, Ondze B and Besset A (2001):** Age at onset of narcolepsy in two large populations of patients in France and Quebec. *Neurology*; 57: 2029-33.
- Davi MV, Dalle Carbonare L, Giustina A, Ferrari M, Frigo A, LoCascio V and Francia G (2008):** Sleep apnoea syndrome is highly prevalent in acromegaly and only partially reversible after biochemical control of the disease. *Eur J Endocrinol*; 159:533–540.
- Dawson A , Abel SL and Loving RT (2008):** CPAP therapy of obstructive sleep apnea in type 2 diabetics improves glycemic control during sleep. *Journal of Clinical Sleep Medicine*; 4(6):538–543.
- Dayal M, Sammel MD and Zhao J (2005):** Supplementation with DHEA: effect on muscle size, strength, quality of life, and lipids [Abstract]. *J Womens Health (Larchmt)* 14: 391-400.

References

- De Lecea L (2005):** Cortistatin: a natural somatostatin analog. *J Endocrinol Invest* 28: 10-14.
- De Lecea L and Bourgin P (2008):** Neuropeptide interactions and REM sleep: a role for Urotensin II? *Peptides* 29: 845-851
- Dempsey OJ, McGeoch P and DeSilva RN (2003):** Acquired narcolepsy in an acromegalic patient who underwent pituitary irradiation. *Neurology*; (61)537-540.
- Devi Vand Shankar PK (2008):** Ramelteon, a melatonin receptor agonist for the treatment of insomnia. *J Postgrad Med*; 54:45-8.
- Dhanuka AK and Singh G (2001):** Periodic limb movement disorder: a clinical and polysomnographic study. *Neurol India*; 49:366-70.
- Dluzen DE (2005):** Unconventional effects of estrogen uncovered. *Trends Pharmacol Sci.*; 26:485–7.
- Dodt C, Breckling U, Derad I, Fehm HL and Born J (1997):** Plasma epinephrine and norepinephrine concentrations of healthy humans associated with nighttime sleep and morning arousal. *Hypertension*. 30:71–76.
- Doga M, Bonadonna S, Burattin A and Giustina A (2001):** Ectopic secretion of growth hormone-releasing hormone (GHRH) in neuroendocrine tumors: relevant clinical aspects. *Ann Oncol* 12: Suppl 2: S89-S94.
- Dostalova S, Sonka K, Smahel Z, Weiss V, Marek J and Horinek D (2001):** Craniofacial abnormalities and their relevance for sleep apnoea syndrome aetiopathogenesis in acromegaly. *Eur J Endocrinol*; 144:491–497.

References

- Driver HS, McLean H, Kumar DV, Farr N, Day AG and Fitzpatrick MF (2005):** The influence of the menstrual cycle on upper airway resistance and breathing during sleep. *Sleep*; 28:449–56.
- Drucker-Colin R, Bernal-Pedraza J and Fernandez-Cancino F (1984):** Is vasoactive intestinal polypeptide (VIP) a sleep factor? [Abstract]. *Peptid 5*: 837-840.
- Dzaja A , Dalal MA, Himmerich H, Uhr M, Pollmacher T and Schuld A (2004):** Sleep enhances nocturnal plasma ghrelin levels in healthy subjects. *Am. J. Physiol. Endocrinol. Metab*; 286 (6): E963–E967.
- Ehlers CL, Somes C, Lopez A, Kirby D and Rivier JE (1997):** Electrophysiological actions of neuropeptide Y and its analogs: new measures for anxiolytic therapy? *Neuropsychopharmacology*; 34–43.
- Eisenhofer G, Sharabi Y and Pacak K (2008):** Unexplained symptomatic paroxysmal hypertension in pseudopheochromocytoma: a stress response disorder? Stress, neurotransmitters and hormones. *Ann NY Acad Sci*; 1148:469–78.
- Ekstedt M, Åkerstedt T and Soderstrom M (2004):** Microarousals during sleep are associated with increased levels of lipids, cortisol, and blood pressure. *Psychosomatic Medicine*; 66(6):925–931
- El Shakankiry H M (2011):** Sleep physiology and sleep disorders in childhood. *Nature and Science of Sleep*: 3 101–114
- Espelund U, Hansen TK and Hojlund K (2005):** Fasting unmasks a strong inverse association between ghrelin and Cortisol in serum: studies in obese and normal- weight subjects. *J Clin Endocrinol Metab*; 90:741-746.

References

- Esta A, Williams K, D'Agostino R Jr, Wagenknecht LE and Haffner SM (2006):** The natural course of beta-cell function in nondiabetic and diabetic individuals: the Insulin Resistance Atherosclerosis Study. *Diabetes*; 55:1114–1120.
- Everson CA and Crowley WR (2004):** Reductions in circulating anabolic hormones induced by sustained sleep deprivation in rats. *American Journal of Physiology*; 286(6):E1060–E1070.
- Fehm HL, Späth-Schwalbe E and Pietrowsky R (1993):** Entrainment of nocturnal pituitary-adrenocortical activity to sleep processes in man - a hypothesis. *Exp Clin Endocrinol*; 101: 267-276.
- Ferri R (2008):** A quantitative statistical analysis of the submental muscle EMG amplitude during sleep in normal controls and patients with REM sleep behavior disorder. *J. Sleep Res*; 17: 89–100.
- Filicori M, Santoro N and Merriam GR (1986):** Characterization of the physiological pattern of episodic gonadotropin secretion throughout the human menstrual cycle. *J Clin Endocrinol Metab*; 62:1136-1144
- Fisher DA (1996):** Physiological variations in thyroid hormones: physiological and pathophysiological considerations. *Clin Chem*; 42:135-139.
- Fonseca VA (2009):** Defining and characterizing the progression of type 2 diabetes. *Diab Care*; 32:S151–156.
- Frieboes RM, Antonijevic IA and Held K (2004):** Hexarelin decreases slow-wave sleep and stimulates the secretion of GH, ACTH, cortisol and prolactin during sleep in healthy volunteers. *Psychoneuroendocrinol*; 29: 851-860.

References

- Frieboes RM, Murck H, Schier T, Holsboer and Steiger A (1997):** Somatostatin impairs sleep in elderly human subjects. *Neuropsychopharmacol*; 16: 339- 345.
- Friedman M, Wilson M, Lin HC and Chang HW (2009):** Updated systematic review of tonsillectomy and adenoidectomy for treatment of pediatric obstructive sleep apnea/hypopnea syndrome. *Otolaryngol Head Neck Surg*; 140: 800-808.
- Friess E, Tagaya H, Grethe C, Trachsel L and Holsboer F (2004):** acute cortisol administration promotes sleep intensity in. man *Neuropsychopharmacol*; 29: 598-604.
- Friess E, Trachsel L and Guldner J (1995):** DHEA administration increases rapid eye movement sleep and EEG power in the sigma frequency range. *Am J Physiol* 268: E107-E113. Hormones and neuropeptides in sleep regulation 247.
- Gais S, Hulleman P, Hallschmid M and Born J (2006):** Sleep dependent surges in growth hormone do not contribute to sleep-dependent memory consolidation *Psychoneuroendocrinology* xx, 1–6
- Gallego M, Setién R , Izquierdo M J, Casis O and Casis E(2003):** “Diabetes-induced biochemical changes in central and peripheral catecholaminergic systems,” *Physiological Research*, vol. 52, no. 6, pp. 735–741,.
- Gambineri A, Pelusi C and Pasquali R (2003):** Testosterone levels in obese male patients with obstructive sleep apnea syndrome: relation to oxygen desaturation, body weight, fat distribution and the metabolic parameters. *Journal of Endocrinological Investigation*; 26(6):493–498

References

- Garcia-Rio F, Racionero MA, Pino JM, Martinez I, Ortuno F, Villasante C and Villamor J (2000):** Sleep apnea and hypertension. *Chest* 117, 1417–1425.
- Gehrman PR, Connor DJ and Martin JL (2009):** Melatonin fails to improve sleep or agitation in double-blind randomized placebo-controlled trial of institutionalized patients with Alzheimer disease. *Am J Geriatr Psychiatry*; 7: 166-169.
- Ghorayeb I, Bioulac B, Scribans C and Tison F (2007):** Perceived severity of restless legs syndrome across the female life cycle. *Sleep Med.* epub:doi:10.1016/j.sleep. 07.018.
- Gillette M and Abbott S (2005):** Fundamentals of the circadian system. In: Sleep Research Society eds. *SRS Basice of Sleep Guide*. Weschester, IL: Sleep Research Socicty. Pp. 131-138.
- Gillin JC, Seifritz E and Zotoski RK (2000):** Basic Science of Sleep. In: Kaplan and Sadock *Comprehensive Textbook of Psychiatry*; 7th ed, 1:199-209.
- Gillin JM and Cooper AR (2008):** Physical activity and prevention of type 2 diabetes mellitus. *Sports Med*; 38:807–24.
- Goldenberg N and Barkan A (2007):** Factors regulating growth hormone secretion in humans. *Endocrinol Metab Clin North Am*; 36: 37-55.
- Goldman SE, Hall M and Boudreau R (2008):** Association between nighttime sleep and napping in older adults. *Sleep*; 31: 733 –40.
- Goodfriend TL (2008):** Obesity, sleep apnea, aldosterone, and hypertension. *Curr Hypertens Rep*; 10: 222–226.

References

- Goodfriend TL and Calhoun DA (2004):** Resistant hypertension, obesity, sleeps apnea, and aldosterone: theory and therapy. *Hypertension*; 43(3):518-524.
- Grunstein R (2005):** Endocrine disorders. In: Kryger M, Roth T, Dement W, eds. *Principle and practice of sleep medicine*. 4th ed. Philadelphia, PA: Elsevier/ Saunders; 1237-1245.
- Grunstein RR, Stenlöf KS and Hedner JA (2007):** Two year reduction in sleep apnea symptoms and associated diabetes incidence after weight loss in severe obesity. *Sleep*; 30:703–710.
- Guggisberg A G, Hess C W and Mathis J (2007):** “The significance of the sympathetic nervous system in the pathophysiology of periodic leg movements in sleep,” *Sleep*, vol. 30, no. 6, pp. 755–766.
- Guilleminault C (2005):** An overview of polysomnography. *Clinical Neurophysiology of Sleep Disorders Handbook of Clinical Neurophysiology*. Vol. 6.
- Guldner J, Schier T and Friess E (1997):** Reduced efficacy of growth hormone-releasing hormone in modulating sleep endocrine activity in the elderly. *Neurobiol Aging*; 18: 491-495.
- Guyton AC and Hall JC (2000):** *States of Brain Activity and Sleep. The Nervous System: Motor and Integrative Neurophysiology. Textbook of Medical Physiology*. WB Saunders, 10th ed, pp: 659-690.
- Hack jB, Leviss JA and Nelson LS (1999):** Severe symptoms following a massive intentional L-thyroxine ingestion. *Vet Hum Toxicol*; 41:323-632.

References

- Hallmayer J, Faraco J and Lin L (2009):** Narcolepsy is strongly associated with the T-cell receptor alpha locus. *Nat Genet*; 41: 708-711.
- Harsch IA, Konturek PC, Koebnick C, Kuehnlein PP, Fuchs FS, Pour Schahin S, Wiest GH, Hahn EG, Lohmann T and Ficker JH (2003):** Leptin and ghrelin levels in patients with obstructive sleep apnea. *Eur Respir J*; 22:251–257.
- Heier MS, Evsiukova T and Vilming S (2007):** CSF hypocretin-1 levels and clinical profiles in narcolepsy and idiopathic CNS hypersomnia in Norway. *Sleep*; 30:969–973.
- Held K, Antonijevic I, Murck H, Kuenzel H and Steiger A (2006):** Neuropeptide Y (NPY) shortens sleep latency but does not suppress ACTH and cortisol in depressed patients and normal controls. *Psychoneuroendocrinol*; 31: 100-107.
- Held K, Kunzel H and Ising M (2004):** Treatment with the CRH1-receptor antagonist R121919 improves sleep- EEG in patients with depression. *J Psychiatry Res*; 38: 129-136.
- Hemmeter U, Rothe B, Guldner J, Holsboer F and Steiger A (1998):** Effects of thyrotropin-releasing hormone on the sleep EEG and nocturnal hormone secretion in male volunteers. *Neuropsychobiol*; 38: 25-31.
- Henny P and Jones B E (2006):** Vesicular glutamate (VGlut), GABA (VGAT), and acetylcholine (VACht) transporters in basal forebrain axon terminals innervating the lateral hypothalamus. *J. Comp. Neurol*; 496, 453–467.

References

- Hensley JG (2009):** Leg cramps and restless legs syndrome during pregnancy. *J Midwifery Womens Health*, 54(3):211–218.
- Herxheimer A and Waterhouse J (2003):** The prevention and treatment of jet lag. *BMJ*; 326:296–297.
- Holsboer F, von Bardeleben U and Steiger A (1988):** Effects of intravenous corticotropin-releasing hormone upon sleep-related growth hormone surge and sleep EEG in man. *Neuroendocrinol* 48: 32-38.
- Hong S, Lin L, Jeong J, Shin Y, Han J and Lee J (2006):** A study of the diagnostic utility of HLA typing, CSF Hypocretin- measurements, and MSLT testing for the diagnosis of narcolepsy in 163 Korean patients with unexplained excessive daytime sleepiness. *Sleep*; 29: 1429-38.
- Hoy LJ, Emery H and Wedzicha JA (2004):** Obstructive sleep apnea presenting as pseudopheochromocytoma: a case report. *J Clin Endocrinol Metab*; 89:2033–8.
- Hubacek JA (2009):** Eat less and exercise more – it is really enough to knock down the obesity pandemic? *Phys Res*; 58 (Suppl 1): S1-S6.
- Hudson T and Bush B (2010):** The Role of Cortisol in Sleep: *Natural Medicine Journal* 2(6), p.26-29.
- Imaizumi M, Adahoshi M and Ichimaru S (2004):** Risk for ischemic heart disease and all-cause mortality in subclinical hypothyroidism. *J Clin Endocrinol Metab*; 89:3365-3370.
- IOM. Institute of Medicine Committee on Sleep Medicine and Research (2006):** Sleep Disorders and Sleep Deprivation: An Unmet Public Health Problem. Washington, DC: National Academy of Sciences Press.

References

- Irwin M, Clark C, Kennedy B, Gillin JC and Ziegler M (2003):** Nocturnal catecholamines and immune function in insomniacs, depressed patients, and control subjects. *Brain Behav. Immun*; 17:365–372.
- Irwin M, Thompson J, Miller C, Gillin J C and Ziegler M (1999):** Effects of Sleep and Sleep Deprivation on Catecholamine And Interleukin-2 Levels in Humans: Clinical Implication .*The Journal of Clinical Endocrinology & Metabolism* June 1, vol. 84 no. 6 1979-1985
- Jha A (2006):** Thyroxine and sleep .*Sleep Medicine* 7:55-61.
- John J, Wu MF, Boehmer LN and Siegel JM (2004):** Cataplexy-active neurons in the hypothalamus: implications for the role of histamine in sleep and waking behavior. *Neuron* 42: 619-634.
- Johnson EO, Roth T and Schultz L (2006):** Epidemiology of DSM-IV insomnia in adolescence: Lifetime prevalence, chronicity, and an emergent gender difference, *pediatrics* 117; 247-256.
- Jones BE (2004):** Activity, modulation and role of basal forebrain cholinergic neurons innervating the cerebral cortex, *Prog. Brain Res*; 145 157–169.
- Jones BE (2005b):** From waking to sleeping: neuronal and chemical substrates. *Trends Pharmacol Sci*; 26: 578-586.
- Jones BE (2005a):** Basic mechanisms of sleep wake states. In: Kryger MH, Roth T, Dement WC, eds. *Principles and Practice of Sleep Medicine* 4th ed. Philadelphia: Elsevier/Saunders. Pp. 136-153.
- Joo S, Lee S and Choi H A (2006):** “Habitual snoring is associated with elevated hemoglobin A1c levels in non-obese middle-aged adults,” *Journal of Sleep Research*, vol. 15, no. 4, pp. 437–444.

References

- Kales JD (2007):** Sleep disorders. *N.Engl med* 290 (9):487-499.
- Kalleinen N, Polo O, Himanen SL, Joutsen A and Polo- Kantola P (2008):** The effect of estrogen plus progestin treatment on sleep: a randomized, placebo-controlled, double-blind trial in premenopausal and late postmenopausal women. *Climacteric*; 11: 233-243.
- Kamenicky P, Viengchareun S, Blanchard A, Meduri G, Zizzari P, Imbert-Teboul M, Doucet A, Chanson P and Lombe`s M (2008):** Epithelial sodium channel is a key mediator of growth hormone induced sodium retention in acromegaly *Endocrinology* ;149:3294–3305.
- Kanbayashi T, Honda K, Kodama T, Mignot E and Nishino S (2000):** Implication of dopaminergic mechanisms in the wake-promoting effects of amphetamine: a study of D- and L-derivatives in canine narcolepsy. *Neuroscience*; 99: 651-659.
- Kanwar MS (2008):** Coexisting UARS and OSA. *Indian J Sleep Med*; 3: ISSN 0973-340.
- Kapsimalis F, Varouchakis G, Manousaki A, Daskas S, Nikita D and Kryger M (2008) :** Cytokines and pathological sleep. *Sleep Med*; 9: 603-14.
- Kerkhofs M, Van Cauter E and Van Onderbergen A (1993):** Sleep-promoting effects of growth hormone releasing hormone in normal men. *Am J Physiol*; 264: E594-E598.
- Kern YV, Offenheuser S and Born and Fehm H L (1996):** Entrainment of ultradian oscillations in the secretion of insulin and glucagons to the no rapid eye movement/ rapid eye movement sleep rhythm in humans. *J Clin Endocrinol Metab*; 81:1541-1547.

References

- Kim JM, Kwon HM, Lim CS, Kim YS, Lee SJ and Nam H (2008):** Restless legs syndrome inpatients on hemodialysis: symptom severity and risk factors. *J Clin Neurol*. Dec; 4(4):153-7.
- Kipp M, Karakaya S, Pawlak J, Araujo-Wright G, Arnold S and Beyer C (2006):** Estrogen and the development and protection of nigrostriatal dopaminergic neurons: concerted action of a multitude of signals, protective molecules, and growth factors. *Front Neuroendocrinol*; 27:376–90.
- Kiyashchenko LI, Mileykovskiy BY, Maidment N, Lam HA, Wu MF, John J, Peever J and Siegel JM (2002):** Release of hypocretin (orexin) during waking and sleep states. *J Neurosci*; 22: 5282-5286.
- Klein J and Sato A (2000):** The HLA system. Second of two parts. *N Engl J Med* 343: 782-786.
- Kluge M, Schüssler P, Zuber V, Yassouridis A and Steiger A (2007):** Ghrelin administered in the early morning increases secretion of cortisol and growth hormone without affecting sleep. *Psychoneuroendocrinol*; 32: 287-29.
- Knudsen S, Jennum PJ and Korsholm K (2008):** Normal levels of cerebrospinal fluid hypocretin-1 and daytime of sleepiness during attacks of relapsing-remitting multiple sclerosis and mono symptomatic optic neuritis. *Mult Scler*; 14: 734-738.
- Knutson KL (2007):** The metabolic consequences of sleep deprivation. *Sleep Medicine Reviews* 11:163-178.
- Kohno A and Hara Y (2001):** Severe myocardial ischemia following hormone replacement in two cases of hypothyroidism with normal coronary arteriogram. *Endocr J*; 48:565-572.

References

- Kok SW, Meinders AE and Overeem S (2002):** Reduction of plasma leptin levels and loss of its circadian rhythmicity in hypocretin (orexin)-deficient narcoleptic humans. *J Clin Endocrinol Metab*; 87:805-809.
- Kopelman PG (2000):** Physiopathology of prolactin secretion in obesity. *International Journal of Obesity*; 24(supplement 2):S104–S108.
- Korbonits M, Goldstone AP, Gueorguiev M and Grossman AB (2004):** Ghrelin – a hormone with multiple functions. *Front Neuroendocrinol*; 25: 27-68.
- Kotronoulas G, Stamatakis A and Stylianopoulou F (2009):** Hormones, hormonal agents, and neuropeptides involved in the neuroendocrine regulation of sleep in humans. *Hormones*; 8(4):232-248.
- Krueger JM, Majde JA and Obál F Jr (2003):** Sleep in host defense. *Brain Behav Immun* 17: S41-S47
- Kruijver FP and Swaab DF (2002):** Sex hormone receptors are present in the human suprachiasmatic nucleus. *Neuroendocrinology*; 75(5):296-305.
- Kryger M, Monjan A, Bliwise D and Ancoli-Israel S (2004):** Sleep, health, and aging. Bridging the gap between science and clinical practice. *Geriatrics*; 59:24-6.7, 13 .
- Kumari M, Badrick E, Ferrie J, Perski A, Marmot M and Chandola T (2009):** Self-reported sleep duration and sleep disturbance are independently associated with cortisol secretion in the Whitehall II study. *J Clin Endocrinol Metab*; 94(12):4801–4809.
- Lam KbH, Jiang CQ, Thomas G N, Arora T, Zhang W S, Taheri S, Adab P, Lam T Hand Cheng K (2010):** Napping Is Associated with

References

- Increased Risk of Type 2 Diabetes: The Guangzhou Biobank Cohort Study Sleep. March 1; 33(3): 402–407.
- Lancel M, Faulhaber J and Schiffelholz T (1997):** Allopregnanolone affects sleep in a benzodiazepine-like fashion. *J Pharmacol Exp Ther.*; 282:1213–8.
- Lanfranco F, Gianotti L and Pivetti S (2004):** Obese patients with obstructive sleep apnoea syndrome show a peculiar alteration of the corticotroph but not of the thyrotroph and lactotroph function. *Clinical Endocrinology*; 60(1):41–48.
- Laposky a, Easton a, Dugovic C, Walisser J, Bradfield C and Turek F (2005):** Deletion of the mammalian circadian clock gene BMAL1/Mop3 alters baseline sleep architecture and the response to sleep deprivation. *Sleep*; 28:395-409.
- Laposky AD, Bass J, Kohsaka A and Turek FW (2008a):** Sleep and circadian rhythms: key components in the regulation of energy metabolism. *FEBS Lett*; 582:142–51.
- Laposky AD, Bradley MA, Williams DL, Bass J and Turek FW (2008b):** Sleep-wake regulation is altered in leptin-resistant (db/db) genetically obese and diabetic mice. *American Journal of Physiology*; 295(6):R2059–R2066.
- Laposky AD, Shelton J, Bass J, Dugovic C, Perrino N and Turek FW (2006):** Altered sleep regulation in leptin-deficient mice. *American Journal of Physiology*; 290(4):R894–R903.
- Latta F, Leproult R, and Tasali E (2005):** Sex differences in nocturnal growth hormone and prolactin secretion in healthy older adults: relationships with sleep F.FG variables. *Sleep*; 28:1519-1524.

References

- Lee, MG, Hassani O K, Alonso, A and Jones B E (2005):** Cholinergic basal forebrain neurons burst with theta during waking and paradoxical sleep. *J. Neurosci*; 25, 4365–4369.
- Léger D, Massuel MA and Metlaine A (2006):** SISYPHE Study Group. Professional correlates of insomnia. *Sleep*; 29:171–8.
- Leprout R, Copinschi G, Buxton O and Van Cauter E (1997):** “Sleep loss results in an elevation of cortisol levels the next evening” *Sleep*; vol. 20, no. 10, pp. 865–870.
- Levy I, Recasens A and Casamitjana R (1987):** Nocturnal insulin and C-peptide rhythms in normal subjects. *Diabetes Care*; 10:148-151.
- Li SX, Zhang B, Li AM and Wing YK (2010):** Prevalence and correlates of frequent nightmares: a community-based 2-phase study. *Sleep*; 33:774–80.
- Liao JQ, Xu QZ, Yuan ZY, Wu T and Li TH (2000):** A study on the popularity and reasons of napping in China. *Renlei Gongxiao Xue*; 6:16–9.
- Lin CC, Tsan KYV and Chen PJ (1992):** The relationship between sleep apnea syndrome and hypothyroidism. *Chest*; 102:1663-1667.
- Lindberg E, Berne C, Elmasry A, Hedner J and Janson C (2006):** CPAP treatment of a population-based sample-what are the benefits and the treatment compliance? *Sleep Medicine*; 7(7):553–560.
- Lindberg E, Berne C, Franklin K A, Svensson M and Janson C (2007):** “Snoring and daytime sleepiness as risk factors for hypertension and diabetes in women—a population-based study,” *Respiratory Medicine*, vol. 101, no. 6, pp. 1283–1290.

References

- Liu PY, Swerdloff RS and Veldhuis JD (2004):** The rationale, efficacy and safety of androgen therapy in older men: future research and current practice recommendations. *J Clin Endocrinol Metab*; 89:4789-96.
- Liu PY, Yee B and Wishart SM (2003):** The short-term effects of high-dose testosterone on sleep, breathing, and function in older men. *Journal of Clinical Endocrinology and Metabolism*; 88 (8): 3605–3613
- Liu X and Liu L (2005):** Sleep habits and insomnia in a sample of elderly persons in China. *Sleep*; 28:1579–87.
- Liu Z, Zhu F and Wang G (2007):** Association study of corticotropin-releasing hormone receptor1 gene polymorphisms and antidepressant response in major depressive disorders. *Neurosci Lett*; 414: 155-158.
- Liverman CT and Blazer DG (2004):** Testosterone and Aging: Clinical Research Directions. Washington, D.C.: National Academies Press,
- Logan AG, Perlikowski SM and Mente A (2001):** High prevalence of unrecognized sleep apnoea in drug-resistant hypertension. *J Hypertens*; 19: 2271–2277.
- Longstreth WT, Jr, Koepsell TD, Ton TG, Hendrickson AF and van Belle G (2007):** The epidemiology of narcolepsy. *Sleep*; 30:13-26.
- Lu CL, Lee and Tsai SJ (1995):** Psychiatric disturbances associated with hyperthyroidism: an analysis report of 30 cases. *Zhonghua Yi Xue Za Zhi (Taipei)*; 56:393-398.
- Lu J, Jhou TC and Saper CB (2006):** Identification of wake-active dopaminergic neurons in the ventral periaqueductal gray matter. *J Neurosci*; 26: 193-202.

References

- Luboshitzky R, Aviv A and Hefetz A (2002):** Decreased pituitary-gonadal secretion in men with obstructive sleep apnea. *J Clin Endocrinol Metab*; 87:3394-3398.
- Luboshitzky R, Lavie L and Shen-Orr Z (2003):** Pituitary- gonadal function in men with obstructive sleep apnea: the effect of continuous positive airways pressure treatment. *Neuro Endocrinol Lett*; 24:463-467.
- Luboshitzky R, Lavie L, Shen-Orr Z and Herer P (2005):** Altered luteinizing hormone and testosterone secretion in middle-aged obese men with obstructive sleep apnea. *Obesity Research*; 13(4):780–786.
- Luboshitzky R, Zabari Z, Shen-Orr Z, Herer P and Lavie P (2001):** Disruption of the nocturnal testosterone rhythm by sleep fragmentation in normal men. *Journal of Clinical Endocrinology and Metabolism*; 86(3):1134–1139.
- Lyssenko V, Nagorny CL and Erdos MR (2009):** Common variant in MTNR1B associated with increased risk of type 2 diabetes and impaired early insulin secretion. *Nat Genet*; 41: 82-88.
- Mahowald MW (2002):** Hope for the PLMS quagmire. *Sleep Med*; 3:463.
- Makino S, Handa H and Suzukawa K (2006b):** “Obstructive sleep apnoea syndrome, plasma adiponectin levels, and insulin resistance,” *Clinical Endocrinology*, vol. 64, no. 1, pp. 12–19.
- Malacara JM, Pérez-Luque EL and Martínez-Garza S (2004):** The relationship of estrogen receptor-alpha polymorphism with symptoms and other characteristics in post-menopausal women. *Maturitas*; 49:163-169.

References

- Mallon L, Broman J E and Hetta J (2005):** “High incidence of diabetes in men with sleep complaints or short sleep duration: a 12-year follow-up study of a middle-aged population,” *Diabetes Care*, vol. 28, no. 11, pp. 2762–2767.
- Maloney KJ, Mainville L and Jones BE (2000):** C-for Expression in GABA-ergic, Serotonergic, and Other Neurons of the Pontomedullary Reticular Formation and Raphe after Paradoxical Sleep Deprivation and Recovery. *J Neurosci*; 20:4669-4679.
- Manconi M, Govoni V and De Vito A (2004):** Restless legs syndrome and pregnancy. *Neurology*; 63: 1065–9.
- Manzella D, Parillo M, Razzino T (2002):** “Soluble leptin receptor and insulin resistance as determinant of sleep apnea,” *International Journal of Obesity*, vol. 26, no. 3, pp. 370–375.
- Maquet P (2000):** “Functional neuroimaging of normal human sleep by positron emission tomography,” *Journal of Sleep Research*, vol. 9, no. 3, pp. 207–231.
- Margel D Tal R and Livne PM (2005):** Predictors of erectile function improvement in obstructive sleep apnea patients with long-term CPAP treatment. *Int J Impot Res*; 17:186-190.
- Margel D, Cohen M and Livne PM (2004):** Severe, but not mild, obstructive sleep apnea syndrome is associated with erectile dysfunction. *Urology*; 63:545-549.
- Marrone O, Riccobono L, Salvaggio A, Mirabella A, Bonanno A and Bonsignore MR (1993):** Catecholamines and blood pressure in obstructive sleep apnea syndrome. *Chest* 103, 722–727.

References

- Marshall L, Mölle M and Bösch G (1996):** Greater efficacy of episodic than continuous growth hormone releasing hormone (GHRH) administration in prompting slow-wave sleep (SWS). *J Clin Endocrinol Metab*; 81: 1009-1013.
- Masserini B, Morpurgo PS and Donadio F (2006):** Reduced levels of adiponectin in sleep apnea syndrome. *J Endocrinol Invest*; 29:700–705.
- Mathias S, Held K and Ising M (2007):** Systemic growth hormone-releasing hormone (GHRH) impairs sleep in healthy young women. *Psychoneuro -endocrinology*; 32: 1021- 1027.
- Matwiyoff G and Lee-Chiong T (2010):** Parasomnias: an overview Indian *J Med Res*; 131, pp 333-337.
- Maurovich-Horvat E, pollmacher T and Sonka K (2008):** the effects of sleep and sleep deprivation on metabolic, endocrine and immune parameters Prague medical report-vol.109.no 4, p275-285.
- Mayer G, Frenza JW and Kurella B (2007):** Sleep related rhythmic movement disorder revisited *J. Sleep Res.* 16, 110–116.
- McCrae CS, Rowe MA, Tierney CG, Dautovich ND, Definis AL and McNamara JP (2005):** Sleep complaints, subjective and objective sleep patterns, health, psychological adjustment, and daytime functioning in community dwelling older adults. *J Gerontol B Psychol Sci Soc Sci*; 60(4):P182-189.
- Meier-Ewert HK, Ridker PM, Rifai N, Regan MM, Price NJ, Dinges DF and Mullington JM (2004):** Effect of sleep loss on C-reactive protein, an inflammatory marker of cardiovascular risk. *J Am Coll Cardiol*; 43(4):678–683.

References

- Merlino G, Fratticci L, Valente M, Del Giudice A and Noacco C (2007a):** Association of Restless Legs Syndrome in Type 2 Diabetes: A Case-Control Study. *SLEEP*; 30: 866–871.
- Merlino G, Dolso P, Canesin R, Cancelli I, Valente M and Gigli G L (2007b):** “The acute effect of a low dosage of pramipexole on severe idiopathic restless legs syndrome: an open-label trial,” *Neuropsychobiology*, vol. 54, no. 3, pp. 195–200.
- Merriam GR, Schwartz RS and Vitiello MV (2003):** Growth hormone-releasing hormone and growth hormone secretagogues in normal aging. *Endocrine*; 22: 41-48.
- Meslier N, Gagnadoux F and Giraud P (2003):** “Impaired glucose-insulin metabolism in males with obstructive sleep apnoea syndrome,” *European Respiratory Journal*, vol. 22, no.1, pp. 156–160.
- Meston N, Davies RJO, Mullins R, Jenkinson C, Wass JAH and Stradling JR (2003):** Endocrine effects of nasal continuous positive airway pressure in male patients with obstructive sleep apnoea. *Journal of Internal Medicine*; 254(5):447–454.
- Michael K and Christopher J (2010):** Obstructive Sleep Apnea Presenting as Pseudopheochromocytoma. *J Clin Sleep Med*; 15; 6(2): 190–191.
- Mickelson SA, Lian T and Rosenthal L (1999):** thyroid testing and thyroid hormone replacement in patients with sleep-disordered breathing. *Far Nose Throat .J*; 78:768-771,774-775.
- Miller CM and Husain AM (2003):** Should women with obstructive sleep apnea syndrome be screened for Hypothyroidism? *Sleep Breath*; 7:185-188.

References

- Minemura H, Akashiba T and Yamamoto H (1998):** acute effects of nasal continuous positive airway pressure on 24-hour blood pressure and catecholamines in patients with obstructive sleep apnea. *Intern Med*; 37:1009–13.
- Moline ML, Broch L and Zak R (2003):** Sleep in women across the life cycle from adulthood through menopause. *Sleep Med Rev*; 7:155-177.
- Monroy PG and da Fonesca MA (2006):** The use of botulinum toxin-ain the treatment of severe bruxism in a patient with autism: acase report. *Spec Care Dentist*; 26: 37-9.
- Monti JM and Monti D (2007):** The involvement of dopamine in the modulation of sleep and waking. *Sleep Med Rev*; 11: 113-133.
- Montplaisir J, Lorrain J, Denesle R and Petit D (2001):** Sleep in menopause. differential effects of two forms of hormone replacement therapy. *Menopause* 8: 10-16.
- Moon DG, Jin MH, Lee JG, Kim JJ, Kim MG and Cha DR (2004):** Antidiuretic hormone in elderly male patients with severe nocturia: A circadian study. *BJU Int.*; 94:571–5.
- Morruzzi G and Magoun HW (1949):** Brain stem reticular formation and activation of the EEG, *Electro-encephalography and Clinical Neurophysiology*. 1: 455-473.
- Motivala S J, Tomiyama AJ, Ziegler M, Srikrishna Khandrika S and Irwin M R (2009):** Nocturnal levels of ghrelin and leptin and sleep in chronic insomnia. *Psychoneuroendocrinology*; 34(4): 540–545.
- Mullington JM, Chan JL and Van Dongen HPA (of Neuroendocrinology;** 15(9):851–854.

References

- Mundinger TO, Cummings DE and Tabor sky GJ (2006):** Sleep loss reduces diurnal rhythm amplitude of leptin in healthy men. Journal Direct stimulation of ghrelin secretion by sympathetic nerves. Endocrinology; 147(6):2893–29.
- Murck H, Antonijevic IA and Frieboes RM (1999):** Galanin has REM-sleep deprivation-like effects on the sleep EEG in healthy young men. J Psychiatr Res; 33: 225-232.
- Murck H, Guldner J and Colla-Müller M (1996):** VIP decelerates non-REM-REM cycles and modulates hormone secretion during sleep in men. Am J Physiol 271: R905-R911.
- Murck H, Held K and Ziegenbein M (2004):** Intravenous administration of the neuropeptide galanin has fast antidepressant efficacy and affects the sleep EEG. PNEC; 29: 1205-1211.
- Nagakawa Y, kishida K b and Kihara S (2008):** Nocturnal reduction in circulating adiponectin concentrations related to hypoxic stress in severe obstructive sleep apnea-hypopnea syndrome. Am J Physiol; 294:E778–E784.
- Najafian J, Siadat Z, Mohamadif ard N, Sarr G and RamazaniM (2008):** Association of sleep duartion with body mass index and waist. Circumference J Lipid; 5: S119.
- Nakazato M, Murakami N and Date Y (2001):** A role for ghrelin in the central regulation of feeding. Nature; 409:194-198.
- Natale V, Albertazzi P, Zini M and Di Marco R (2001):** Exploration of cyclical changes in memory and mood in postmenopausal women taking sequential combined oestrogen and progestogen preparations. Br J Obstet Gynaecol; 108: 286-290.

References

- National Institute of Neurological Disorders and Stroke (2008):** Narcolepsy Fact Sheet. National Institute of Neurological Disorders and Stroke. Available at: http://www.ninds.nih.gov/disorders/narcolepsy/detail_narcolepsy.htm.
- Nelson LE (2003):** The adrenoreceptor agonist dexmedetomidine converges on an endogenous sleep-promoting pathway to exert its sedative effects. *Anaesthesiology*; 428–436.
- Nieto FJ, Young TB and Lind BK (2000):** Association of sleep-disordered breathing, sleep apnea, and hypertension in a large community-based study. Sleep Heart Health Study. *Jama*; 283:1829–36.
- Nikolakopoulou D and Stamatakis A (2009):** the Role of Melatonin in the Pathology of the Cardiovascular System. *Nosileftiki*; 48: 143-149.
- Nishino S (2007):** Clinical and neurobiological aspects of narcolepsy. *Sleep Med*; 8:373–399.
- Nishino S, Arrigoni J and Shelton J (1997):** Effects of thyrotropin releasing hormone and its analogs on daytime sleepiness and cataplexy in canine narcolepsy. *J Neurosci*; 17: 6401-6408.
- Nishino S, Okuro M and Kotorii N (2009):** Hypocretin/ orexin and narcolepsy new basic and clinical insights. *Acta Physiol (Oxf)* Jun 25.
- Nishino S, Ripley B and Overeem S (2000):** Hypocretin (orexin) deficiency in human narcolepsy. *Lancet*; 355: 39-40.
- Nolte W, Radisch C, Rodenbeck A, Wiltfang J and Hufner M (2002):** Polysomnographic findings in five adult patients with pituitary insufficiency before and after cessation of human growth hormone replacement therapy. *Clin Endocrinol (Oxf)*; 56:805–810.

References

- Nyberg F (2000):** Growth hormone in the brain: characteristics of specific brain targets for the hormone and their functional significance. *Front Neuroendocrinol*; 21, 330–348.
- Obál F Jr and Krueger JM (2003):** Biochemical regulation of non-rapid eye-movement sleep. *Front Biosci*; 8: d520– 550.
- Obál F Jr and Krueger JM (2004):** GHRH and sleep. *Sleep Med Rev*; 8: 367-377.
- Obal F Jr, Alt J, Taishi P, Gardi J and Krueger JM (2003):** Sleep in mice with non functional growth hormone-releasing hormone receptors .*American Journal of Physiology – Regulatory Integrative Comparative Physiology*; 284 R131–R139.
- Obál F Jr, Payne L and Opp M (1992):** Growth hormone- releasing hormone antibodies suppress sleep and prevent enhancement of sleep after sleep deprivation. *Am J Physiol*; 263: R1078-R1085.
- Obal F, Garcia-Garcia F and Kacsoh B, (2005):** Rapid eye movement sleep is reduced in prolactin-deficient mice. *J Neurosci*; 25:10282-10289.
- Obál Jr F, Payne L and Kapas L (1991):** Inhibition of growth hormone-releasing factor suppresses both sleep and growth hormone secretion in the rat. *Brain Res*; 557: 149-153.
- Ohayon M, Guilleminault C and Preist RG (1999):** Night terrors, Sleep walking, and confusional arousal in the general population: Their frequency and relationship to other sleep and mental disorders. *J Clin Psychiatry*; 60: 268-76.
- Ohayon MM, Caulet M and Preist RG (1997):** Violent behavior duringsleep. *J Clin Psychiatry*; 58: 369-76.

References

- Ohayon MM, Ferini-Strambi L, Plazzi G, Smirne S and Castronovo V (2005):** How age influences the expression of narcolepsy. *J Psychosom Res* ; 59: 399-405.
- Okada M, A. Takamizawa K, Tsushima K, Urushihata, Fujimoto K and Kubo K (2006):**“Relationship between sleep disordered breathing and lifestyle-related illnesses in subjects who have undergone health-screening,” *Internal Medicine*, vol. 45, no. 15, pp. 891–896.
- Okun ML, Giese S and Lin L (2004):** Exploring cytokine and endocrine involvement in narcolepsy. *Brain Behav Immun*; 18:326-332.
- Okun ML, Hall M and Coussons-Read ME (2007):** Sleep disturbances increase interleukin-6 production during pregnancy: implications for pregnancy complications. *Reprod Sci.*; 14(6):560–567.
- Olson EJ, Moore WR, Morgenthaler TI, Gay PC and Staats BA (2003):** Obstructive Sleep Apnea-Hypopnea Syndrome *Mayo Clin Proc.*; 78:1545-1552.
- Orr WC (2005):** sleep and gastrointestinal tract in: lee-chiong TL, ed. *Sleep comprehensive hand book*. Hoboken NJ: John wiley&sons; 735-740.
- Overeem S, Kok SW, Lammers GJ, Vein AA, Frölich M, Meinders , AE,Roelfsema F and Pijl H(2003):**Somatotropic axis in hypocretin-deficient narcoleptic humans: altered circadian distribution of GH-secretory .events *AJP - Endo March* vol. 284 no. 3 E641-E647.
- Pack AI and Gislason T (2009):** Obstructive sleep apnea and cardiovascular disease: a perspective and future directions. *Prog Cardiovasc Dis*; 51: 434–451.

References

- Pall D and Mallick BN (2006):** Role of noradrenergic and GABA-ergic inputs in pedunculopontine tegmentum for regulation of rapid eye movement sleep. *Neuro-pharmacol*; 51: 1-11.
- Pallayova M, Donic V and Tomori Z (2008):** Beneficial effects of severe sleep apnea therapy on nocturnal glucose control in persons with type 2 diabetes mellitus. *Diab Res Clin Pract*; 81:e8–e11.
- Parati G, Lombardi F and Narkiewicz K (2007):** Sleep apnea: epidemiology, pathophysiology, and relation to cardiovascular risk. *Am J Physiol Regul Integr Comp Physiol*; 293: R1671– R1683.
- Parker k (2006):** in: lee-chiong TL, ed. renal disease Sleep comprehensive hand book. Hoboken NJ: John wiley&son; 741-744.
- Parker KP and Dunbar SB (2005):** Cardiac nursing. In: Woods SL, Froelicher ESS, Motzer SU, Bridges E, eds. Sleep. 5th ed. Philadelphia: Lippincott Williams and Wilkins Pp. 197-219.
- Peacock J and Benca RM (2010):** Narcolepsy: Clinical features, co-morbidities & treatment *Indian J Med Res* 131, February, pp 338-349.
- Peker Y, Svensson J, Hedner J, Grote L and Johannsson G (2006):** Sleep apnoea and quality of life in growth hormone (GH)-deficient adults before and after 6 months of GH replacement therapy. *Clin Endocrinol (Oxf)*; 65:98–105.
- Penev PD (2007):** Association between sleep and morning testosterone levels in older men. *Sleep*; 30:427–432.
- Peppard PE, Young T, Palta M and Skatrud J (2000a):** Prospective study of the association between sleep-disordered breathing and hypertension. *N Engl J Med*; 342:1378–84; 90(5):3106–3114.

References

- Peppard PE, Young T, Palta M, Dempsey J and Skatrud J (2000b):** Longitudinal study of moderate weight change and sleep-disordered breathing. *JAMA*; 284:3015–3021.
- Pereira Jr. JC, Pradella-Hallinan M and Pessoa HL (2010):** Imbalance between thyroid hormones and the dopaminergic system might be central to the pathophysiology of restless legs syndrome: a hypothesis. *Clinics.*; 65(5):547-54.
- Perimenis P, Karkoulas K and Markou S (2004):** Erectile dysfunction in men with obstructive sleep apnea syndrome: a randomized study of the efficacy of sildenafil and continuous positive airway pressure. *Int J Impot Res*; 16:256-260.
- Perras B, Marshall L, Köhler G, Born J and Fehm HL (1999a):** Sleep and endocrine changes after intranasal administration of growth hormone-releasing hormone in young and aged humans. *PNEC*; 24: 743- 757.
- Perras B, Pannenberg H and Marshall L (1999b):** Beneficial treatment of age-related sleep disturbances with prolonged intranasal vasopressin. *J Clin Psychopharmacology*; 19: 28-36.
- Peterfi Z, McGinty D, Sarai E and Szymusiak R (2010):** Growth hormone releasing hormone (GHRH) activates sleep regulatory neurons of the rat preoptic hypothalamus. *Am J Physiol Regul Integr Comp Physiol*; 298:R147–R156.
- Pevernagie DA, Voon PA and Mariman AN (2001):** Vocalization during episodes of prolonged expiration: a parasomnia REM sleep. *Sleep Med*; 2:19–30.

References

- Phadke S and Shetty J (2008):** Results of multi-centric, comparative clinical trials on efficacy and safety of eszopiclone in Indian patients. *Indian J Sleep Med*; 3: ISSN 0973-340.
- Phillips BG, Kato M, Narkiewicz K, Choe I and Somers VK (2000):** Increases in leptin levels, sympathetic drive, and weight gain in obstructive sleep apnea. *American Journal of Physiology*. 279(1):H234–H237.
- Phipps PR, Starritt E, Caterson I and Grunstein RR (2002):** Association of serum leptin with hypoventilation in human obesity. *Thorax*; 57(1):75–76.
- Picarsic JL, Glynn NW and Taylor CA (2008):** Self-reported napping and duration and quality of sleep in the lifestyle interventions and independence for elders pilot study. *J Am Geriatr Soc*; 56:1674–80.
- Pillar G and Shehadeh N (2008):** Abdominal fat and sleep apnea: the chicken or the egg? *Diabetes Care*; 31(supplement 2):S303–S309.
- Pimenta E, Calhoun DA and Oparil S (2009):** Sleep apnea, aldosterone, and resistant hypertension. *Prog Cardiovasc Dis*; 51: 371–380.
- Poceta JS, Parsons L and Engelland S (2009):** Circadian rhythm of CSF monoamines and hypocretin-1 in restless legs syndrome and Parkinson's disease. *Sleep Med*; 10: 129-133.
- Polonsky KS, Given BD and Van Cauter E (1988):** Twentyfour hour profiles and pulsatile patterns of insulin secretion in normal and obese subjects. *J Clin Invest*; 81:442-448.
- Pradhan AD, Manson JE, Rifai N, Buring JE and Ridker PM (2001):** C-reactive protein, interleukin 6, and risk of developing type 2 diabetes mellitus. *JAMA*; 286:327–334.

References

- Pratt-Ubunama MN, Nishizaka MK, Boedefeld RL, Cofield SS, Harding SM and Calhoun DA (2007):** Plasma aldosterone is related to severity of obstructive sleep apnea in subjects with resistant hypertension. *Chest*; 131:453–9.
- Pressman MR (2007):** Disorders of arousal from sleep and violent behaviour: The role of physical contact and proximity. *Sleep*; 30: 1039-47.
- Pruessner JC, Wolf OT and Hellhammer DH (1997):** Free Cortisol levels after awakening: a reliable biological marker for the assessment of adrenocortical activity. *Life Sci*; 61:2539-2549.
- Punjabi NM and Beamer BA (2009):** Alterations in Glucose Disposal in Sleep-disordered Breathing. *Am J Respir Crit Care Med*; 179:235–240.
- Punjabi NM, Shahar E, Redline S, Gottlieb DJ, Givelber R and Resnick HE(2004):** Sleep Heart Health Study InvestigatorsSleep-disordered breathing, glucose intolerance, and insulin resistance: the Sleep Heart Health Study. *Am J Epidemiol*; 160:521–530.
- Ragonese P, D’Amelio M and Savettieri G (2006):** Implications for estrogens in Parkinson’s disease: an epidemiological approach. *Ann N Y Acad Sci.*; 1089:373–82.
- Rasch B, Dodt C, Molle M and Born J (2007):** Sleep-stage-specific regulation of plasma catecholamine concentration. *Psychoneuroendocrinology*; 32: 884– 891.
- Reame N, Sauder SE and Kelch RP (1984):** Pulsatile gonadotropin secretion during the human menstrual cycle: evidence for altered frequency of gonadotropin-releasing hormone secretion. *J Clin Endocrinol Metab*; 59:328-337.

References

- Rechtschaffen A and Kales A (1968):** A manual of standardized terminology, techniques and scoring systems for sleep stages of human subjects. Los Angeles: UCLA Brain Information Service/Brain Research Institute.
- Reid KJ and Zee PC (2009):** Circadian rhythm disorders. *Semin Neurol*; 29:393.I
- Resta O, Pannacciulli N and Di Gioia G (2004):** High prevalence of previously unknown subclinical hypothyroidism in obese patients referred to a sleep clinic for sleep disordered breathing. *Nutr Metab Cardiovasc Dis*; 14:248-253.
- Riley JD and Anthony SJ (1995):** Leg cramps: differential diagnosis and management. *Am Fam Physician*, 52(6):1794–1798.
- Ring HZ, Lessov CN and Reed T (2005):** Heritability of plasma sex hormones and hormone binding globulin in adult male twins. *J Clin Endocrinol Metab*; 90:3653-8.
- Rivara S, MOR M, Bedini a, Spadoni G and Tarzia G (2008):** Melatonin receptor agonists: SAR and applications to the treatment of sleep-wake disorders. *Curr Top Med Chem*; 8: 954-968.
- Rizzi M, Barrella M, Kotzalidis G D and Bevilacqua M (2011):** Periodic Limbic Movement Disorder during Sleep as Diabetes-Related Syndrome? A Polysomnographic Study ISRN .*Endocrinology Volume* 2011, Article ID 246157, 5 pages.
- Rodenbeck A, Huether G, Rüther E and Hajak G (2002):** Interactions between evening and nocturnal cortisol secretion and sleep parameters in patients with severe chronic primary insomnia. *Neurosci Lett*; 324:159–163.

References

- Roehrs T and Roth T (2001):** Sleep, sleepiness, and alcohol use. *Alcohol Research and Health* Washington; 25(2):101-110.
- Rosa Neto JC, Lira FS, Venancio DP, Cunha CA, Oyama LM, Pimentel GD, Tufik S, Oller do Nascimento CM, Santos RV and de Mello MT (2010):** Sleep deprivation affects inflammatory marker expression in adipose tissue. *Lipids Health Dis*; 9:125.
- Rose SR and Nisula BC (1989):** Circadian variation of thyrotropin in childhood. *J Clin Endocrinol Metab*; 68:1086-1090.
- Rossi E, Regolisti G, Negro A, Sani C, Davoli S and Perazzoli F (2002):** High prevalence of primary aldosteronism using postcaptopril plasma aldosterone to renin ratio as a screening test among Italian hypertensives. *Am J Hypertension*; 15:896–902.
- Roth T (2003):** Assessment of sleepiness and unintended sleep in Parkinson's disease patients taking dopamine agonists. *Sleep Med*; 4, 275–280.
- Rudolf, U and Mohler H (2004):** Analysis of GABAA receptor function and dissection of the pharmacology of benzodiazepines and general anesthetics through mouse genetics. *Annu. Rev. Pharmacol. Toxicol*; 44, 475–498.
- Saareanta T and Polo O (2003):** Sleep-disordered breathing and hormones. *European Respiratory Journal*; 22(1):161–172.
- Sallanon M, Janin M and Buda C (1989):** Serotenergic Mechanisms and Sleep Rebound. *Brain Res*; 268: 95-104.
- Sanner BM, Kollhoss P and Buechner (2004):** Influence of treatment on leptin levels in patients with obstructive sleep apnoea. *Eur Respir J*; 23:601-604.

References

- Saper CB, Cano G and Scammell TE (2005b):** Homeostatic, circadian and emotional regulation of sleep. *Journal of Comparative Neurology*; 493(1): 92-98.
- Saper CB, Chou T and Scammell TE (2001):** The Sleep Switch: Hypothalamic Control of Sleep and Wakefulness. *Trends Neurosci*; 24: 726-731.
- Saper CB, Lu J, Chou TC and Gooley J (2005a):** The hypothalamic integrator for circadian rhythms. *Trends in neuroscience*; 28(3): 152-157.
- Saper, CB and Scammell TE (2004):** Modafinil a drug in search of a mechanism. *Sleep* 27, 11–12.
- Sawin CT, Castelli WP and Hershman M (1985):** The aging thyroid: thyroid deficiency in the Framingham Study. *Arch Intern Med*; 145:1386-1388 .
- Sayk F, Teckentrup C, Becker C, Heutling D, Wellhöner P, Lehnert H and Dodt C (2010):** Effects of selective slow-wave sleep deprivation on nocturnal blood pressure dipping and daytime blood pressure regulation *AJP - Regul Physiol* January vol. 298 no. 1 R191-R197.
- Schahin SP, Nechanitzki T and Dittel C (2008):** Long-term improvement of insulin sensitivity during CPAP therapy in the obstructive sleep apnoea syndrome. *Med Sci Monit*; 14:CR117–CR121.
- Scheen A, Byrne MM and Plat L (1996):** Relationships between sleep quality and glucose regulation in normal humans. *Am J Physiol*; 271:E261- E270.

References

- Schenck C and Mahowald M (2002):** REM sleep behavior disorder: clinical, developmental, and neuroscience perspectives 16 years after its formal identification in SLEEP. *Sleep*; 25:120-138.
- Schier T, Guldner J, Colla M, Holsboer F and Steiger A (1997):** Changes in sleep-endocrine activity after growth hormone-releasing hormone depend on time of administration. *J Neuroendocrinol*; 9: 201-205.
- Schiffelholz T, Holsboer F and Lancel M (2000):** High doses of systemic DHEA-sulfate do not affect sleep structure and elicit moderate changes in non-REM sleep. *Physiol Behav* 69: 399-404.
- Schmid DA, Brunner H and Lauer CJ (2008):** acute cortisol administration increases sleep depth and growth hormone release in patients with major depression. *J Psychiatr Res*; 42: 991-999.
- Schmid SM, Jauch-Chara K, Hallschmid M and Schultes B (2009):** Mild sleep restriction acutely reduces plasma glucagon levels in healthy men. *J Clin Endocrinol Metab*; 94(12):5169–5173.
- Schmoller A, Eberhardt F and Jauch-Chara K (2009):** Continuous positive airway pressure therapy decreases evening cortisol concentrations in patients with severe obstructive sleep apnea. *Metabolism*; 58(6):848–853.
- Schneider BK, Pickett CK and Zvillich CVV (1986):** Influence of testosterone on breathing during sleep. *J Appl Physiol*; 61:618-623.
- Schneider T, de la Rosette JJ and Michel MC (2009):** Nocturia: a non-specific but important symptom of urological disease. *Int J Urol*; 16: 249-256.
- Schneider-Rivas S, Rivas-Arancibia S, Vazquez-Pereyra F, Vazquez-Sandoval R and Borgonio-Perez G (1995):** Modulation of long-term

References

- memory and extinction responses induced by growth hormone (GH) and growth hormone releasing hormone (GHRH) in rats. *Life Sci*; 56, L433–L441.
- Schuessler P, Uhr M and Ising M (2006b):** Nocturnal ghrelin levels - relationship to sleep EEG, the levels of growth hormone, ACTH and cortisol - and gender differences. *J Sleep Res*; 14: 329-336.
- Schuld A, Blum WF and Uhr M (2000):** Reduced leptin levels in human narcolepsy. *Neuroendocrinology*; 72:195-198.
- Schupp M and Hanning C (2003):** Physiology of sleep. *BJA CEPD Reviews*; 3(3): 69–74.
- Schussler P, Uhr M, Ising M, Weikel JC, Schmid DA, Held K, Mathias S and Steiger A (2006a):** Nocturnal ghrelin, ACTH, GH and cortisol secretion after sleep deprivation in humans. *Psychoneuroendocrinology*; 31(8):915–923.
- Schüssler P, Yassouridis A and Uhr M (2006c):** Growth hormone-releasing hormone and corticotropin-releasing hormone enhance non-rapid-eye-movement sleep after sleep deprivation. *Am J Physiol Endocrinol Metab* 291: E549-556.
- Sekine M, Yamagami T and Handa K (2002):** A dose response relationship between short sleeping hours and childhood obesity: results of the Toyama Birth Cohort Study. *Child Care Health Dev*; 28:163-170.
- Shah N, Bang A and Bhagat A (2010):** Indian research on sleep disorders Department of Psychiatry, L. T. M. Medical College and General Hospital, Sion, Mumbai, India; vol. 52, Issue: 7, pp.255-259

References

- Shank RP, Smith-Swintosky VL and Twyman RE (2000):** Amino Acid Neurotransmitters. Neural Sciences. In: Sodock BJ, Sodock VA (eds). Kaplan and Sadock Comprehensive Textbook of Psychiatry. Lippincott Williams & Wilkins, 7th ed, pp: 50-59.
- Sharma S K , Kumpawat S, Goel A, Banga A, Ramakrishnan L and Chaturvedi P(2007):**“Obesity, and not obstructive sleep apnea, is responsible for metabolic abnormalities in a cohort with sleep-disordered breathing,” Sleep Medicine, vol. 8, no. 1, pp. 12–17.
- Shaver JL F (2002):** Women and sleep. Nurs Clin North Am 37; 707-718.
- Shepertycky MR, Banno K and Kryger MH (2005):** Differences between men and women in the clinical presentation of patients diagnosed with obstructive sleep apnea syndrome. Sleep; 28:309-314.
- Shibui K, Uchiyama M and Okawa M (2000):** Diurnal fluctuation of sleep propensity and hormonal secretion across the menstrual cycle. Biol Psychiatry.; 48:1062–8.
- Shigeta H, Shigeta M and Nakazawa A (2001):**Lifestyle, obesity, and insulin resistance. Diabetes Care; 24:608.
- Shimizu K, Chin K and Nakamura T (2002):** Plasma leptin levels and cardiac sympathetic function in patients with obstructive sleep apnoea-hypopnea syndrome. Thorax; 57:429^134.
- Shin K and Shapiro C (2003):** Menopause, sex hormones, and sleep. Bibolar Disord; 5: 106-109.
- Shiomi T (2009):** Advances in Diagnosis and Treatment of Sleep Apnea Syndrome in Japan. JMAJ; 52(4): 224–230.
- Shiota S, Ryan CM, Chiu KL, Ruttanaumpawan P, Haight J, ArztM, Floras JS, Chan C and Bradley TD (2007):** Alterations in upper

References

- airway cross-sectional area in response to lower body positive pressure in healthy subjects. *Thorax*; 62:868–872.
- Siddiqi F, Walters AS and Chokroverty S (2008):** Catathrenia: rare parasomnias which may mimic central sleep apnea polysomnogram. *Sleep Med*; 9: 460-1.
- Siegel JM (2004a):** Brain mechanisms that control sleep and waking. *Naturwissenschaften*; 91, 355.
- Siegel JM (2004b):** The neurotransmitters of sleep *J Clin Psychiatry* 65 Suppl 16: 4-7.
- Siegel JM and Boehmer LN (2006):** Narcolepsy and the hypocretin system--where motion meets emotion. *Nat Clin Pract Neurol*; 2: 548-556.
- Silvani A, Asti Nand Berteotti C (2005):** “Sleep-related brain activation does not increase the permeability of the blood brain barrier to glucose,” *Journal of Cerebral Blood Flow and Metabolism*, vol. 25, no. 8, pp. 990–997.
- Simi L, Pinzani P and Raggi CC (2007):** Influence of 17q gain and promoter polymorphisms on mRNA expression of somatostatin receptor type 2 in neuroblastoma. *Clin Chim Acta* 384: 149-154.
- Simon C, Brandenberger G and Saini J (1994):** Slow oscillations of plasma glucose and insulin secretion rate are amplified during sleep in humans under continuous enteral nutrition. *Sleep*; 17:333-338.
- Simon PM and Landry SH and Leifer JC (2002):** Respiratory control during sleep. In: Lee Chioing TK, Sateia MJ, Carskadon MA, eds. *Sleep Medicine*. Philadelphia: Hanley and Belfus. Pp. 41-51.

References

- Simpson D and Curran MP (2008):** Ramelteon: a review of its use in insomnia. *Drugs*; 68: 1901-1919.
- Sjoholm TT, Lowe AA, Miyamoto K, Fleetham JA and Ryan CF (2000):** Sleep bruxism in patients with sleep-disordered breathing, *Arch. Oral Biol.* 45 (10) 889—896.
- Skinner RD (2002):** temperature regulation during sleep.in: lee-chiong TL, sateia M, carskadon M, eds. *sleep medicine*. Philadelphia, PA: Hanley& Belfus Elsevier; 71.
- Snyder PJ (2004):** Hypogonadism in elderly men - what to do until the evidence comes. *N Engl J Med*; 350:440-2.
- Soares CN (2005):** insomnia in women: an overlooked epidemic? *Arch Women Ment Health*; 8: 205- 213.
- Somers VK, Phil D, Dyken ME, Mark AL and Abboud FM (1993):** Sympathetic-nerve activity during sleep in normal subjects. *N Engl J Med.* 328:303–307.
- Spiegel K, Follenius M and Krieger J (1995):** Prolactin secretion during sleep in obstructive sleep apnoea patients. *J Sleep Res*; 4:56-62.
- Spiegel K, Ieproult R and L'Hermite-Baleriaux (2004a):** Leptin levels are dependent on sleep duration: relationships with sympathovagal balance, carbohydrate regulation, Cortisol, and thyrotropin. *J Clin Endocrinol Metab*; 89:5762-5771.
- Spiegel K, Leproult R and Van Cauter E (1999):** Impact of sleep debt on metabolic and endocrine function. *Lancet* 354: 1435–39.
- Spiegel K, Tasali E, Penev P and Van Cauter E (2004b):** Brief communication: sleep curtailment in healthy young men is associated

References

with decreased leptin levels, elevated ghrelin levels, and increased hunger and appetite. *Annals of Internal Medicine*; 141(11):846–850.

Srinivasan V, Pandi-Perumal SR and Cardinali D (2006): Melatonin in Alzheimer's disease and other neurodegenerative disorders. *Behav Brain Funct*; 2: 15.

Srinivasan V, Pandi-Perumal SR and Trakht I (2009): Pathophysiology of depression: role of sleep and the melatonergic system. *Psychiatry Res*; 165: 201-214.

Srinivasan V, Spence DW and Pandi-Perumal SR (2008): Therapeutic actions of melatonin in cancer: possible mechanisms. *Integr Cancer Ther* 7: 189-203
variant in MTNR1B associated with increased risk of type 2 diabetes and impaired early insulin secretion. *Nat Genet*; 41: 82-88.

Stamatakis K A and Punjabi NM (2010): "Effects of sleep fragmentation on glucose metabolism in normal subjects," *Chest*, vol. 137, no. 1, pp. 95–101.

Staner L, Duval F and Haba J (2003): Disturbances in hypothalamo-pituitary-adrenal and thyroid axis identify different sleep EEG patterns in major depressed patients. *J Psychiatr Res*; 37: 1-8.

Stang A, Dragano N and Poole C (2007): Daily siesta, cardiovascular risk factors, and measures of subclinical atherosclerosis: results of the Heinz Nixdorf Recall Study. *Sleep*; 30:1111–9.

Steiger A (2002): Sleep and the hypothalamo-pituitary-adrenocortical System. *Sleep Med Rev* 6: 125-138.

Steiger A (2003): Sleep and endocrine regulation. *Front Biosci*; 8: s358-s376.

References

- Steiger A (2007):** Neuroendocrinology of Sleep. In: Lajtha 246 G. Kotronoulas et al A, Blaustein JD (Eds). Handbook of Neurochemistry and Molecular Neurobiology, Plenum Press, New York, pp, 897-926.
- Steiger A and Holsboer F (1997):** Neuropeptides and human sleep. Sleep; 20: 1038-1052.
- Steiger A, Guldner J and Hemminger U (1992):** Effects of growth hormone-releasing hormone and somatostatin on sleep EEG and nocturnal hormone secretion in male controls. Neuroendocrinol 56: 566-573.
- Stenberg D (2007):** Neuroanatomy and neurochemistry of sleep Cell. Mol. Life Sci. 64 1187 – 1204.
- Steriade M (2001):** The GABAergic reticular nucleus: A preferential target of corticothalamic projections. Proc Natl Acad Sci U S A; 98:3625–3627.
- Steriade M (2005):** Sleep: epilepsy and thalamic reticular inhibitory neurons. Trends Neurosci; 28, 317–324.
- Steriade M and McCarley RW (2005):** Brain control of wakefulness and sleep, 2nd ed. New York: Kluwer Academic/Plenum Publishers. ishers.
- Steriade M and Timofeev I (2003):** Neuronal plasticity in thalamocortical networks during sleep and waking oscillations. Neuron; 37, 563–576.
- Summers MO, Crisostomo MI andStepanski EJ (2006):** Recent Developments in the Classification, Evaluation, and Treatment of Insomnia. CHEST vol. 130 no. 1 276-286.

References

- Suri JC, Sen MK, Singh P, Kumar R and Aggarwal P (2007):** Sleep patterns and their impact on lifestyle, anxiety and depression in BPO workers. *Indian Sleep Med*; 2: ISSN 0973-340X.
- Susmakova K (2004):** Human Sleep and Sleep EEG. *Measurement Science review*, Volume 4, Section 2, p62.
- Svatikova A, Shamsuzzaman AS, Wolk R, Phillips BG, Olson LJ and Somers VK (2004):** Plasma brain natriuretic peptide in obstructive sleep apnea. *Am J Cardiol*; 94: 529-532.
- Svatikova A, Olson LJ, Wolk R, Phillips BG, Adachi T, Schwartz GL and Somers VK (2009):** Obstructive sleep apnea and aldosterone. *SLEEP*; 32(12):1589-1592.
- Sze L, Schmid C, Bloch KE, Bernays R and Brandle M (2007):** Effect of transsphenoidal surgery on sleep apnoea in acromegaly. *Eur J Endocrinol*; 156:321–329.
- Szentirmai E and Krueger JM (2006):** Central Administration of Neuropeptide Y Induces Wakefulness in Rats, *Am. J. Physiol. Regul. Integr. Comp. Physiol.* 291: R473-R480.
- Szentirmai E, Hajdu I, Obál F Jr and Krueger JM (2006):** Ghrelin-induced sleep responses in ad libitum fed and food-restricted rats. *Brain Res* 1088: 131–140.
- Szentirmai E, Kapás L and Krueger JM (2007b):** Ghrelin microinjection into forebrain sites induces wakefulness and feeding in rats. *Am J Physiol Regul Integr Comp Physiology*; 292: R575–R585.
- Szentirmai E, Yasuda T, Taishi P, Wang M, Churchill L, Bohnet S, Magrath P, Kacsoh B, Jimenez L and Krueger JM (2007a):** Growth hormone-releasing hormone: cerebral cortical sleep-related

References

- EEG actions and expression. *Am J Physiol Regul Integr Comp Physiol*; 293:R922–R930.
- Tafti M and Franken P (2002):** Invited review: genetic dissection of sleep. *J Appl Physiol*; 92:1339-47.
- Taheri S, Lin L, Austin D, Young T and Mignot E (2004):** Short sleep duration is associated with reduced leptin, elevated ghrelin, and increased body mass index. *PLoS Medicine*; 1:210-217.
- Tan EK, Ho SC and Koh L (2004b):** An urge to move with L-thyroxine: clinical, biochemical, and polysomnography correlation. *Mov Disord*; 19: 365-367.
- Tan EK, Ho SC, Eng P, Loh L, Koh L and Lum S (2004a):** Restless legs symptoms in thyroid disorders. *Parkinsonism and Related Disorders*; 10:149-51.
- Tank J, Diedrich A and Hale N (2003):** Relationship between blood pressure, sleep K complexes and muscle sympathetic nerve activity in humans *American Journal of Physiology, Regulatory, Integrative and Comparative Physiology*. 285(1): R208-R214.
- Tasali E, Leproult R, Ehrmann DA, and Van Cauter E (2007):** “Slow-wave sleep and the risk of type 2 diabetes in humans,” *Proceedings of the National Academy of Sciences of the United States of America*, vol. 105, no. 3, pp. 1044–1049.
- Tecott LH (2000):** Monoamine Neurotransmitters. *Neural Sciences*. In: Sadock BJ, Sadock VA (Eds). *Kaplan and Sadock's, Comprehensive Textbook of Psychiatry*. Lippincott, Williams & Wilkins, Philadelphia, 7th ed, pp: 41-50.

References

- Tiemeier H, Pelzer E, Jönck L, Möller HJ and Rao ML (2002):** Plasma catecholamines and selective slow wave sleep deprivation. *Neuropsychobiology*; 45: 81– 86.
- Tokuda F, Sando Y, Matsui H, Koike H and Yokoyama T (2008):** Serum levels of adipocytokines, adiponectin and leptin, in patients with obstructive sleep apnea syndrome. *Internal Medicine*; 47(21):1843–1849.
- Toran-Allerand CD (2000):** Novel sites and mechanisms of oestrogen action in the brain. *Novartis Found Sym*; 230:56-69.discussion 69-73.
- Touma C and Pannain S (2011):** Does lack of sleep cause diabetes? *Cleveland Clinic Journal of Medicine* vol. 78 8 549-558.
- Trenkwalder C, Earley CJ, Hening WA, Allen RP, Chokroverty S and Earley C (2009):** Neuroimaging in restless legs syndrome. *Restless legs syndrome Philadelphia: Saunders/Elsevier*. p. 78-82.
- Trenkwalder C, Paulus W and Walters AS (2005):** The restless legs syndrome. *Lancet Neurol*; 4:465–75.
- Trotti L M, Bliwise D L and Greer S A (2009):** “Correlates of PLMs variability over multiple nights and impact upon RLS diagnosis,” *Sleep Medicine*, vol. 10, no. 6, pp. 668–671.
- Tunc T, Karadag YS, Dogulu F and Inan LE (2007):** Predisposing factors of restless legs syndrome in pregnancy. *Mov Disord*; 22:627–31.
- Uhadaroglu C C, Utkusavas A, zturk LO, Salman S and Ece T (2009):** “Effects of nasal CPAP treatment on insulin resistance, lipid profile, and plasma leptin in sleep apnea,” *Lung*, vol. 187, no. 2, pp. 75–81.

References

- Van Cauter E (2005):** Endocrine physiology. In: M. H. Kryger, T. Roth & W. C. Dement eds. Principles and practice of sleep medicine. 4th ed. Philadelphia: Elsevier Saunders; pp.266-282.
- Van Cauter E, Holmback U and Knutson K (2007):**“Impact of sleep and sleep loss on neuroendocrine and metabolic function,” Hormone Research, vol. 67, supplement 1, pp. 2– 9.
- Van Cauter E, Leproult R and Plat L (2000):** Age-related changes in slow wave sleep and REM sleep and relationship with growth hormone and cortisol levels in healthy men. JAMA; 284:861-8.
- Van Dam PS, Aleman A, de Vries WR, Deijen J B, van der Veen EA, de Haan EH and Koppeschaar HP (2000):** Growth hormone, insulin-like growth factor I and cognitive function in adults. Growth Horm. IGF Res; 10 (Suppl B), S69–S73.
- Van den Heuvel CJ, Ferguson SA, Mila Macchi M and Dawson D (2005):** Melatonin as a hypnotic: Con. Sleep Med Rev; 9: 71-80.
- Van der Klaauw AA, Pereira AM, van Kralingen KW, Rabe KF and Romijn JA (2008):** Somatostatin analog treatment is associated with increased sleep latency in patients with long-term biochemical remission of acromegaly. Growth Horm IGF Res; 18: 446-453.
- Van Haute FR, Taboada GF, Correˆa LL, Lima GA, Fontes R, RielloAP, Dominici M and GadelhaMR (2008):** Prevalence of sleep apnea and metabolic abnormalities in patients with acromegaly and analysis of cephalometric parameters by magnetic resonance imaging. Eur J Endocrinol; 158:459–465.

References

- Van Kerrebroeck P, Rezapour M, Cortesse A, Thüroff J, Riis A and Nørgaard JP (2007):** Desmopressin in the treatment of nocturia: a double-blind, placebo-controlled study. *Eur Urol*; 52:221–229.
- Van West D, Del-Favero J and Aulchenko Y (2004):** A major SNP haplotype of the arginine vasopressin 1B receptor protects against recurrent major depression. *Mol Psychiatry*; 9: 287-292.
- Varkevisser M, Van Dongen HP and Kerkhof GA (2005):** Physiologic indexes in chronic insomnia during a constant routine: evidence for general hyperarousal *Sleep*; 28:1588-1596.
- Vaughn B M and Giallanza P (2008):** Technical Review of Polysomnography. *Chest*; 134: 1310- 19.
- Vgontzas A N, Papanicolaou D A and Bixler E O (2000):**“Sleep apnea and daytime sleepiness and fatigue: relation to visceral obesity, insulin resistance, and hypercytokinemia,” *Journal of Clinical Endocrinology and Metabolism*, vol. 85, no. 3, pp. 1151–1158.
- Vgontzas AN, Bixler EO and Chrousos GP (2003):** Metabolic disturbances in obesity versus sleep apnea: the importance of visceral obesity and insulin resistance. *J Intern Med*; 254(1):32–44.
- Vgontzas AN, Bixler EO and Lin HM (2001a):** Chronic insomnia is associated with nyctohemeral activation of the hypothalamic-pituitary-adrenal axis: clinical implications. *J Clin Endocrinol Metab*; 86:3787-3794.
- Vgontzas AN, Bixler EO and Wittman AM (2001b):**Middle-aged men show higher sensitivity of sleep to the arousing effects of corticotropin-releasing hormone than young men: clinical implications. *J Clin Endocrinol Metab*; 86: 1489-1495.

References

- Vgontzas AN, Pejovic S and Zoumakis E (2007):** Hypothalamic-pituitary-adrenal axis activity in obese men with and without sleep apnea: effects of continuous positive airway pressure therapy. *Journal of Clinical Endocrinology and Metabolism*; 92(11):4199–4207.
- Viswanathan AN and Schernhammer ES (2009):** Circulating melatonin and the risk of breast and endometrial cancer in women. *Cancer Lett*; 281:1-7.
- Von Treuer K, Norman T R and Armstrong S M(1996):**“Overnight human plasma melatonin, cortisol, prolactin, TSH, under conditions of normal sleep, sleep deprivation, and sleep recovery,” *Journal of Pineal Research*, vol. 20, no. 1, pp. 7–14.
- Vorona R D (2009):** Sleep, Sleep Disorders, and the Endocrine System *ACCP Sleep Med Brd Rev* 4:163-184.
- Walters AS (1995):** Group organizer and Correspondent International Restless Legs Syndrome Study Group. Towards a better definition of the restless legs syndrome. *Mov Disord.*; 10:634-42.
- Walters AS and Rye DB (2009):** Review of the relationship of restless legs syndrome and periodic limb movements in sleep to hypertension, heart disease, and stroke. *Sleep*; 32: 589–597.
- Weikel JC, Wichniak A and Ising M (2003):** Ghrelin promotes slow-wave sleep in humans. *Am J Physiol Endocrinol Metab*; 284: E407-E415.
- Weiss JP and Blaivas JG (2002):** Nocturnal polyuria versus overactive bladder in nocturia. *Urology*; 60:28–32.
- Weiss V, Sonka K and Pretl M (2000):** Prevalence of the sleep apnea syndrome in acromegaly population. *J Endocrinol Invest*; 23:515-519.

References

- West SD, Nicoll D J , Wallace T M , Matthews D R and Stradling J R(2007):**“Effect of CPAP on insulin resistance and HbA1c in men with obstructive sleep apnoea and type 2 diabetes,” *Thorax*, vol. 62, no. 11, pp. 969–974.
- Wetter TC, Collado-Seidel V, Oertel H, Uhr M, Yassouridis A and Trenkwalder C (2002):** Endocrine rhythms in patients with restless legs syndrome. *J Neurol*; 249:146–51.
- Williams DL, Grill HJ, Cummings DE and Kaplan JM (2003):** Vagotomy dissociates short- and long-term controls of circulating ghrelin. *Endocrinology*; 144(12):5184–5187.
- Winkelman JYV, Goldman H and Piscatelli N (1996):** Are thyroid functions tests necessary in patients with suspected sleep apnea? *Sleep*; 19:790-793.
- Xiong L, Turecki G, Levchenko A, Gasper C, Hening WA and Montplaisir J (2009):** Genetics of restless legs syndrome. In: Hening WA, Allen RP, Chokroverty S, Earley C, editors. *Restless legs syndrome*. Philadelphia: Saunders/Elsevier; p. 31-49.
- Yaggi H K, Arauj A B, and McKinlay J B (2006):** “Sleep duration as a risk factor for the development of type 2 diabetes,” *Diabetes Care*, vol. 29, no. 3, pp. 657–661.
- Young T, Finn L, Austin D and Peterson A (2003):** Menopausal status and sleep disordered breathing in the Wisconsin Sleep Cohort Study. *Am J Respir Crit Care Med*; 167(9):1181-1185.
- Young T, Shahar E, Nieto FJ, Redline S, Newman AB and Gottlieb DJ (2002):** Predictors of sleep-disordered breathing in community-

References

- dwelling adults: the Sleep Heart Health Study. Arch Intern Med; 162: 893-900.
- Zeitzer JM, Ayas NT, Shea SA, Brown R and Czeisler C (2000):** Absence of detectable melatonin and preservation of cortisol and thyrotropin rhythms in tetraplegia. J Clin Endocrinol Metab; 85: 2189-2196.
- Zepelin H, Siegel JM and Tobler I (2005):** Mammalian sleep. In: Kryger MH, Roth T, Dement WC, eds. Principles and Practice of Sleep Medicine. 4th ed. Philadelphia: Elsevier/ Saunders; Pp. 91-100.
- Zhang J (2004).** Memory process and the function of sleep. Journal of Theoretics. Vol 6-6.
- Zhang B and Wing YK (2006):** Sex differences in insomnia: a meta-analysis sleep; 29: 85-93.
- Zhang J, Obál F Jr and Zheng T (1999):** Intrapreoptic microinjection of GHRH or its antagonist alters sleep in rats. J Neurosci; 19: 2187-2194.
- Zhang Y and Scarpace PJ (2006):**“The role of leptin in leptin resistance and obesity,” Physiology and Behavior, vol. 88, no. 3, pp. 249–256.
- Zhdanova IV (2005):** Melatonin as a hypnotic: Pro. Sleep Med Rev 9: 51-6
Van den Heuvel CJ, Ferguson SA, Mila Macchi M, Dawson D, Melatonin as a hypnotic: Con. Sleep Med Rev; 9: 71-80.
- Ziegenbein M, Murck H, Künzel H, Held K and Steiger A (1999):** Sleep-endocrine effects of growth hormone-releasing hormone (GHRH) in patients with obsessive-compulsive disorder. Pharmacopsychiatry; 32: 220.

References

References
