

Použitá literatura

(sekundární citace v textu označeny *)

- [1] A. A. Borbély and P. Achermann, "Sleep Homeostasis and Models of Sleep Regulation," *Journal of Biological Rhythms*, vol. 14, no. 6, pp. 557–568, Dec. 1999. *
- [2] L. K. Brown, "Can sleep deprivation studies explain why human adults sleep?," *Current Opinion in Pulmonary Medicine*, vol. 18, no. 6, pp. 541–545, Nov. 2012, doi: 10.1097/MCP.0b013e3283596740. *
- [3] W. M. A. van Leeuwen, M. Lehto, P. Karisola, H. Lindholm, R. Luukkonen, M. Sallinen, M. Hä Rmä, T. Porkka-Heiskanen, and H. Alenius, "Sleep Restriction Increases the Risk of Developing Cardiovascular Diseases by Augmenting Proinflammatory Responses through IL-17 and CRP," *PLoS ONE*, vol. 4, no. 2, 2009, doi: 10.1371/journal.pone.0004589.
- [4] C. A. Kushida, C. A. Everson, P. Suthipinittharm, J. Sloan, K. Soltani, B. Bartnicke, B. M. Bergmann, and A. Rechtschaffen, "Sleep Deprivation in the Rat: VI. Skin Changes," *Sleep*, vol. 12, no. 1, p. 42, 1989, [Online]. Available: <https://academic.oup.com/sleep/article/12/1/42/2742643>
- [5] C. A. Everson, B. M. Bergmann, and A. Rechtschaffen, "Sleep Deprivation in the Rat: III. Total Sleep Deprivation," *Sleep*, vol. 12, no. 1, pp. 13–21, 1989, [Online]. Available: <https://academic.oup.com/sleep/article/12/1/13/2742633>
- [6] F. R. Prete, B. M. Bergmann, P. Holtzman, W. Obermeyer, and A. Rechtschaffen, "Sleep Deprivation in the Rat: XII. Effect on Ambient Temperature Choice," *Sleep*, vol. 14, no. 2, pp. 109–115, 1991, [Online]. Available: <https://academic.oup.com/sleep/article/14/2/109/2742766>
- [7] C. Smith, "Sleep states and memory processes," *Behavioural Brain Research*, vol. 69, pp. 137–145, 1995. *
- [8] S. Diekelmann and J. Born, "The memory function of sleep," *Nature Reviews Neuroscience*, vol. 11, no. 2, pp. 114–126, Feb. 2010, doi: 10.1038/nrn2762. *
- [9] M. A. Carskadon and W. C. Dement, "Normal Human Sleep: An Overview," in *Principles and practice of sleep medicine*, 5th edition., St. Louis: Elsevier Saunders, 2011, pp. 16–26. *
- [10] L. R. Squire, *Memory and brain*. New York, US: Oxford University Press, 1987.
- [11] Petr. Králíček, *Úvod do speciální neurofyzologie*. Karolinum, 2002.

- [12] N. Cowan, P. Brain, and R. Author, “What are the differences between long-term, short-term, and working memory?,” *Prog Brain Res*, vol. 169, pp. 323–338, 2008, doi: 10.1016/S0079-6123(07)00020-9. *
- [13] R. W. Semon, *The Mneme*, Library. Cornell University Press, 1921.
- [14] H. A. Lechner, L. R. Squire, J. H. Byrne, and W. M. Keck, “100 Years of Consolidation – Remembering Müller and Pilzecker,” *LEARNING & MEMORY*, vol. 6, pp. 77–87, 1999. *
- [15] D. Hebb, *The Organization of Behavior; a neuropsychological theory.*, 1st ed. New York: John Wiley and Sons, Inc., 1949.
- [16] H. Cohen and S. H. Barondes, “Lack of Effect of a Highly Purified Yeast RNA Preparation on Maze Learning,” *Psychopharmacologia*, vol. 8, pp. 375–378, 1966.
- [17] B. W. Agranoff and P. D. Klinger, “Puromycin Effect on Memory Fixation in the Goldfish,” *Source: Science, New Series*, vol. 146, no. 3646, pp. 952–953, 1964.
- [18] J. B. Flexner, L. B. Flexner, and E. Stellar, “Memory in Mice as Affected by Intracerebral Puromycin,” *Science, New Series*, vol. 141, no. 3575, pp. 57–59, 1963.
- [19] H. P. Davis, L. R. Squire, and E. L. Bennett, “Protein Synthesis and Memory: A Review,” *Psychological Bulletin*, vol. 96, no. 3, pp. 518–559, 1984. *
- [20] W. Muellbacher, U. Ziemann, J. Wissel, N. Dang, M. Kofler, S. Facchini, B. Boroojerdi, W. Poewe, and M. Hallett, “Early consolidation in human primary motor cortex,” *Nature*, vol. 415, pp. 640–644, 2002, doi: 10.1038/nature712.
- [21] R. Shadmehr and H. H. Holcomb, “Neural Correlates of Motor Memory Consolidation,” *New Series*, vol. 277, no. 5327, pp. 821–825, 1997.
- [22] J. G. Jenkins and K. M. Dallenbach, “Obliviscence during Sleep and Waking,” *Source: The American Journal of Psychology*, vol. 35, no. 4, pp. 605–612, 1924, [Online]. Available: <https://about.jstor.org/terms>
- [23] W. Plihal and J. Born, “Effects of Early and Late Nocturnal Sleep on Declarative and Procedural Memory,” *J Cogn Neurosci*, vol. 9, no. 4, pp. 534–547, 1997, [Online]. Available: <http://mitprc.silverchair.com/jocn/article-pdf/9/4/534/1754819/jocn.1997.9.4.534.pdf>
- [24] S. Fischer, M. Hallschmid, A. L. Elsner, and J. Born, “Sleep forms memory for finger skills,” *Proceedings of the National Academy of Sciences*, vol. 99, no. 18, pp. 11987–11991, Aug. 2002, [Online]. Available: www.pnas.org/cgi/doi/10.1073/pnas.182178199
- [25] J. M. Ellenbogen, J. C. Hulbert, R. Stickgold, D. F. Dinges, and S. L. Thompson-Schill, “Interfering with Theories of Sleep and Memory: Sleep, Declarative Memory, and Associative Interference,” *Current Biology*, vol. 16, no. 13, pp. 1290–1294, Jul. 2006, doi: 10.1016/j.cub.2006.05.024.

- [26] S. Gais, W. Plihal, U. Wagner, and J. Born, “Early sleep triggers memory for early visual discrimination skills,” *Nature Neuroscience*, vol. 3, no. 12, pp. 1335–1339, 2000, [Online]. Available: <http://neurosci.nature.com>
- [27] M. Korman, J. Doyon, J. Doljansky, J. Carrier, Y. Dagan, and A. Karni, “Daytime sleep condenses the time course of motor memory consolidation,” *Nature Neuroscience*, vol. 10, no. 9, pp. 1206–1213, Sep. 2007, doi: 10.1038/nn1959.
- [28] W. B. Scoville and B. Milner, “Loss of recent memory after bilateral hippocampal lesions,” *J. Neurol. Neurosurg. Psychiat*, vol. 20, no. 11, pp. 11–21, 1957, doi: 10.1136/jnnp.20.1.11.
- [29] B. Rasch, C. Büchel, S. Gais, and J. Born, “Odor cues during slow-wave sleep prompt declarative memory consolidation,” *Science (1979)*, vol. 315, no. 5817, pp. 1426–1429, Mar. 2007, doi: 10.1126/science.1138581.
- [30] D. Bendor and M. A. Wilson, “Biasing the content of hippocampal replay during sleep,” *Nature Neuroscience*, vol. 15, no. 10, pp. 1439–1444, Oct. 2012, doi: 10.1038/nn.3203.
- [31] A. Takashima, K. M. Petersson, F. Rutters, I. Tendolkar, O. Jensen, M. J. Zwarts, B. L. McNaughton, and G. Ferná, “Declarative memory consolidation in humans: A prospective functional magnetic resonance imaging study,” *Proceedings of the National Academy of Sciences*, vol. 103, no. 3, pp. 756–761, 2006, [Online]. Available: www.pnas.org/cgi/doi/10.1073/pnas.0507774103
- [32] S. Gais, G. Albouy, L. Boly, T. Dang-Vu, A. Darsaud, M. Desseilles, G. Raldine Rauchs, M. Schabus, V. Sterpenich, G. Vandewalle, P. Maquet, and P. Peigneux, “Sleep transforms the cerebral trace of declarative memories,” *The Proceedings of the National Academy of Sciences*, vol. 104, no. 47, pp. 18778–18783, Nov. 2007, [Online]. Available: www.pnas.org/cgi/doi/10.1073/pnas.0705454104
- [33] M. A. Wilson and B. L. McNaughton, “Reactivation of hippocampal ensemble memories during sleep,” *Science (1979)*, vol. 265, no. 5172, pp. 676–679, 1994.
- [34] S. Grossberg, “Competitive Learning: From Interactive Activation to Adaptive Resonance,” *Cognitive Science*, vol. 11, pp. 23–63, 1987. *
- [35] W. C. Abraham and A. Robins, “Memory retention - The synaptic stability versus plasticity dilemma,” *Trends in Neurosciences*, vol. 28, no. 2, pp. 73–78, 2005, doi: 10.1016/j.tins.2004.12.003. *
- [36] J. Born, B. Rasch, and S. Gais, “Sleep to remember,” *Neuroscientist*, vol. 12, no. 5, pp. 410–424, Oct. 2006, doi: 10.1177/1073858406292647. *
- [37] U. Wagner, S. Gais, H. Haider, R. Verleger, and J. Born, “Sleep inspires insight,” *Nature*, vol. 427, pp. 352–355, Jan. 2004, doi: 10.1038/nature02223.

- [38] D. Marr, "Simple memory: A theory for archicortex," *Philosophical Transactions of the Royal Society of London, Series B, Biological Sciences*, vol. 262, no. 841, pp. 23–81, Jul. 1971.
- [39] M. E. Hasselmo, "Neuromodulation: acetylcholine and memory consolidation," *Trends in Cognitive Sciences*, vol. 3, no. 9, pp. 351–359, Sep. 1999. *
- [40] G. Aakalu, W. B. Smith, N. Nguyen, C. Jiang, and E. M. Schuman, "Dynamic visualization of local protein synthesis in hippocampal neurons," *Neuron*, vol. 30, pp. 489–502, 2001.
- [41] Y. Dudai, "Molecular bases of long-term memories: a question of persistence," *Current Opinion in Neurobiology*, vol. 12, pp. 211–216, 2002. *
- [42] C. H. Bailey, D. Bartsch, and E. R. Kandel, "Toward a molecular definition of long-term memory storage," Irvine, Feb. 1996. [Online]. Available: <https://www.pnas.org>
- [43] I. J. Weiler, N. Hawrylak, and W. T. Greenough, "Morphogenesis in memory formation: synaptic and cellular mechanisms," *Behavioural Brain Research*, vol. 66, pp. 1–6, 1995. *
- [44] C. L. Aguiar, R. Neves Romcy-Pereira, R. E. Szawka, O. Yineth Galvis-Alonso, J. Aparecida Anselmo-Franci, and A. J. Pereira Leite, "Muscarinic acetylcholine neurotransmission enhances the late-phase of long-term potentiation in the hippocampal-prefrontal cortex pathway of rats in vivo: a possible involvement of monoaminergic systems," *Neuroscience*, vol. 153, no. 4, pp. 1309–1319, 2008, doi: 10.1016/j.neuroscience.2008.02.040.
- [45] I. Teber, R. Köhling, E. J. Speckmann, A. Barnekow, and J. Kremerskothen, "Muscarinic acetylcholine receptor stimulation induces expression of the activity-regulated cytoskeleton-associated gene (ARC)," *Molecular Brain Research*, vol. 121, no. 1–2, pp. 131–136, Feb. 2004, doi: 10.1016/j.molbrainres.2003.11.017.
- [46] C. R. Bramham and B. Srebro, "Synaptic plasticity in the hippocampus is modulated by behavioral state," *Brain Research*, vol. 493, no. 1, pp. 74–86, Jul. 1989, doi: 10.1016/0006-8993(89)91001-9.
- [47] T. V. P. Bliss and T. Lømo, "Long-lasting potentiation of synaptic transmission in the anaesthetized rabbit following stimulation of the perforant path," *J. Physiol*, vol. 232, pp. 331–356, 1973.
- [48] G. L. Collingridge, S. J. Kehl, and H. McLennan, "Excitatory amino acids in synaptic transmission in the Schaefer collateral-commissural pathway of the rat hippocampus," *J. Physiol*, vol. 334, pp. 33–46, 1983.
- [49] T. V. P. Bliss and G. L. Collingridge, "A synaptic model of memory: long-term potentiation in the hippocampus," *Nature*, vol. 361, no. 6407, pp. 31–39, Jan. 1993. *

- [50] M. A. Lynch, “Long-Term Potentiation and Memory,” *Physiological Reviews*, vol. 84, pp. 87–136, 2004, doi: 10.1152/physrev.00014.2003.-One. *
- [51] M. G. Frank, S. K. Jha, and T. Coleman, “Blockade of postsynaptic activity in sleep inhibits developmental plasticity in visual cortex,” *NeuroReport*, vol. 17, no. 13, pp. 1459–1463, Sep. 2006, doi: 10.1097/01.wnr.0000233100.05408.e4.
- [52] S. Gais, B. Rasch, U. Wagner, and J. Born, “Visual-procedural memory consolidation during sleep blocked by glutamatergic receptor antagonists,” *Journal of Neuroscience*, vol. 28, no. 21, pp. 5513–5518, May 2008, doi: 10.1523/JNEUROSCI.5374-07.2008.
- [53] S. J. Aton, J. Seibt, M. Dumoulin, S. K. Jha, N. Steinmetz, T. Coleman, N. Naidoo, and M. G. Frank, “Mechanisms of Sleep-Dependent Consolidation of Cortical Plasticity,” *Neuron*, vol. 61, no. 3, pp. 454–466, Feb. 2009, doi: 10.1016/j.neuron.2009.01.007.
- [54] T. C. Sacktor, “Memory maintenance by PKMzeta – an evolutionary perspective,” *Molecular Brain*, vol. 5, no. 31, pp. 1–11, 2012, doi: 10.1186/1756-6606-5-31. *
- [55] D. Purves, G. J. Augustine, D. Fitzpatrick, L. C. Katz, A.-S. Lamantia, J. O. McNamara, and S. M. Williams, *Neuroscience*, 2nd ed. Sinauer Associates Inc, 2001.
- [56] M. C. Diamond, R. E. Johnson, A. M. Protti, C. Ott, and A. Kajisa, “Plasticity in the 904-Day-Old Male Rat Cerebral Cortex,” *Experimental Neurology*, vol. 87, pp. 309–312, 1985.
- [57] C. A. Barnes, “Memory Deficits Associated With Senescence: A Neurophysiological and Behavioral Study in the Rat,” *Journal of Comparative and Physiological Psychology*, vol. 93, no. 1, pp. 74–104, 1979.
- [58] C. A. Barnes, “Long-term potentiation and the ageing brain,” *Trans. R. Soc. Lond. B*, vol. 358, pp. 765–772, 2003, doi: 10.1098/rstb.2002.1244.
- [59] J. C. Mceachern and C. A. Shaw, “An alternative, to the LTP orthodoxy: a plasticity-pathology continuum model,” *Brain Research Reviews*, vol. 22, pp. 51–92, 1996. *
- [60] R. C. Froemke, “Plasticity of Cortical Excitatory-Inhibitory Balance,” *Annu Rev Neurosci*, vol. 38, pp. 195–219, Jul. 2015, doi: 10.1146/annurev-neuro-071714-034002. *
- [61] H. C. Dringenberg, “The history of long-term potentiation as a memory mechanism: Controversies, confirmation, and some lessons to remember,” *Hippocampus*, vol. 30, no. 9. John Wiley and Sons Inc., pp. 987–1012, Sep. 01, 2020. doi: 10.1002/hipo.23213. *
- [62] L. R. Squire, L. Genzel, J. T. Wixted, and R. G. Morris, “Memory Consolidation,” *Cold Spring Harbor Laboratory Press*, pp. 1–22, 2015, doi: 10.1101/cshperspect.a021766. *
- [63] C. Pavlides and J. Winson, “Influences of Hippocampal Place Cell Firing in the Awake State on the Activity of These Cells During Subsequent Sleep Episodes,” *The Journal of Neuroscience*, no. 8, pp. 2907–2918, 1989.

- [64] Z. Nádasdy, H. Hirase, A. Czurkó, J. Csicsvari, and G. Buzsáki, “Replay and Time Compression of Recurring Spike Sequences in the Hippocampus,” *The Journal of Neuroscience*, vol. 19, no. 21, pp. 9497–9507, Nov. 1999.
- [65] D. Ji and M. A. Wilson, “Coordinated memory replay in the visual cortex and hippocampus during sleep,” *Nature Neuroscience*, vol. 10, no. 1, pp. 100–107, Jan. 2007, doi: 10.1038/nn1825.
- [66] D. R. Euston, M. Tatsuno, and B. L. McNaughton, “Fast-forward playback of recent memory sequences in prefrontal cortex during sleep,” *Science (1979)*, vol. 318, no. 5853, pp. 1147–1150, Nov. 2007, doi: 10.1126/science.1148979.
- [67] A. Peyrache, M. Khamassi, K. Benchenane, S. I. Wiener, and F. P. Battaglia, “Replay of rule-learning related neural patterns in the prefrontal cortex during sleep,” *Nature Neuroscience*, vol. 12, no. 7, pp. 919–926, Jul. 2009, doi: 10.1038/nn.2337.
- [68] E. Tulving, “Episodic and Semantic Memory,” in *Organization of memory*, Academic Press, 1972, pp. 382–405.
- [69] A. Sirota, J. Csicsvari, D. Buhl, and G. Buzsáki, “Communication between neocortex and hippocampus during sleep in rodents,” *Proceedings of the National Academy of Sciences*, vol. 100, no. 4, Feb. 2003, [Online]. Available: <https://www.pnas.org>
- [70] P. Peigneux, S. Laureys, S. Fuchs, F. Collete, F. Perrin, J. Reggers, C. Phillips, C. Degueldre, G. del Fiore, J. Aerts, A. Luxen, and P. Maquet, “Are Spatial Memories Strengthened in the Human Hippocampus during Slow Wave Sleep?,” *Neuron*, vol. 44, pp. 535–545, Oct. 2004.
- [71] P. Peigneux, S. Laureys, S. Fuchs, A. Destrebecqz, F. Collette, X. Delbeuck, C. Phillips, J. Aerts, G. del Fiore, C. Degueldre, A. Luxen, A. Cleeremans, and P. Maquet, “Learned material content and acquisition level modulate cerebral reactivation during posttraining rapid-eye-movements sleep,” *Neuroimage*, vol. 20, no. 1, pp. 125–134, 2003, doi: 10.1016/S1053-8119(03)00278-7.
- [72] G. Tononi and C. Cirelli, “Sleep and synaptic homeostasis: a hypothesis,” *Brain Research Bulletin*, vol. 62, pp. 143–150, 2003, doi: 10.1016/j.brainresbull.2003.09.004.
- [73] B. Siddoway, H. Hou, and H. Xia, “Molecular mechanisms of homeostatic synaptic downscaling,” *Neuropharmacology*, vol. 78, pp. 38–44, Mar. 2014, doi: 10.1016/j.neuropharm.2013.07.009. *
- [74] V. v. Vyazovskiy, C. Cirelli, M. Pfister-Genskow, U. Faraguna, and G. Tononi, “Molecular and electrophysiological evidence for net synaptic potentiation in wake and depression in sleep,” *Nature Neuroscience*, vol. 11, no. 2, pp. 200–208, Feb. 2008, doi: 10.1038/nn2035.

- [75] G. Tononi and C. Cirelli, “Sleep and the Price of Plasticity: From Synaptic and Cellular Homeostasis to Memory Consolidation and Integration,” *Neuron*, vol. 81, no. 1, pp. 12–34, Jan. 2014, doi: 10.1016/j.neuron.2013.12.025. *
- [76] B. Rasch and J. Born, “Maintaining memories by reactivation,” *Current Opinion in Neurobiology*, vol. 17, no. 6, pp. 698–703, Dec. 2007. doi: 10.1016/j.conb.2007.11.007. *
- [77] L. Marshall and J. Born, “The contribution of sleep to hippocampus-dependent memory consolidation,” *Trends in Cognitive Science*, vol. 11, no. 10, pp. 442–450, 2007, doi: 10.1016/j.tics.2007.09.001. *
- [78] J. Born and I. Wilhelm, “System consolidation of memory during sleep,” *Psychological Research*, vol. 76, no. 2, pp. 192–203, 2012, doi: 10.1007/s00426-011-0335-6. *
- [79] G. Girardeau, K. Benchenane, S. I. Wiener, G. Buzsáki, and M. B. Zugaro, “Selective suppression of hippocampal ripples impairs spatial memory,” *Nature Neuroscience*, vol. 12, no. 10, pp. 1222–1223, Oct. 2009, doi: 10.1038/nn.2384.
- [80] S. Maret, U. Faraguna, A. B. Nelson, C. Cirelli, and G. Tononi, “Sleep and wake modulate spine turnover in the adolescent mouse cortex,” *Nature Neuroscience*, vol. 14, no. 11, pp. 1418–1420, 2011, doi: 10.1038/nn.2934.
- [81] P. Achermann and A. A. Borbély, “Low-frequency (<1 Hz) oscillations in the human sleep electroencephalogram,” *Neuroscience*, vol. 81, no. 1, pp. 213–222, 1997.
- [82] A. Destexhe, S. W. Hughes, M. Rudolph, and V. Crunelli, “Are corticothalamic ‘up’ states fragments of wakefulness?,” *Trends in Neurosciences*, vol. 30, no. 7, pp. 334–342, Jul. 2007. doi: 10.1016/j.tins.2007.04.006. *
- [83] R. Huber, M. F. Ghilardi, M. Massimini, and G. Tononi, “Local sleep and learning,” *Nature*, vol. 430, no. 6995, pp. 78–81, Jul. 2004, doi: 10.1038/nature02663.
- [84] M. Mölle, L. Marshall, S. Gais, and J. Born, “Learning increases human electroencephalographic coherence during subsequent slow sleep oscillations,” *Proceedings of the National Academy of Sciences*, vol. 101, no. 38, pp. 13963–13968, 2004, [Online]. Available: <https://www.pnas.org>
- [85] R. Huber, S. K. Esser, F. Ferrarelli, M. Massimini, M. J. Peterson, and G. Tononi, “TMS-induced cortical potentiation during wakefulness locally increases slow wave activity during sleep,” *PLoS ONE*, vol. 2, no. 3, Mar. 2007, doi: 10.1371/journal.pone.0000276.
- [86] L. Marshall, H. Helgadóttir, M. Mölle, and J. Born, “Boosting slow oscillations during sleep potentiates memory,” *Nature*, vol. 444, pp. 610–613, Nov. 2006, doi: 10.1038/nature05278.
- [87] M. Steriade, P. Gloor, and M. Mesulam, “Basic mechanisms of cerebral rhythmic activities 1,” *Electroencephalography and clinical Neurophysiology*, vol. 76, pp. 481–508, 1990. *

- [88] A. Sirota and G. Buzsáki, “Interaction between neocortical and hippocampal networks via slow oscillations,” *Thalamus and Related Systems*, vol. 3, no. 4, pp. 245–259, Dec. 2005, doi: 10.1017/S1472928807000258. *
- [89] G. Buzsáki, *Rhythms of the Brain*. Oxford University Press, 2006.
- [90] A. Ylinen, A. Bragin, Z. Nbdasdy, G. Jand6, L. Szab6, ' Bc, A. Sik, and G. Buzshkil, “Sharp Wave-Associated High-Frequency Oscillation (200 Hz) in the Intact Hippocampus: Network and Intracellular Mechanisms,” *The Journal of Neuroscience*, vol. 15, no. 1, p. 3046, 1995.
- [91] Z. Clemens, D. Fabó, and P. Halász, “Overnight verbal memory retention correlates with the number of sleep spindles,” *Neuroscience*, vol. 132, no. 2, pp. 529–535, 2005, doi: 10.1016/j.neuroscience.2005.01.011.
- [92] C. Schmidt, P. Peigneux, V. Muto, M. Schenkel, V. Knoblauch, M. Münch, D. J-F de Quervain, A. Wirz-Justice, and C. Cajochen, “Encoding Difficulty Promotes Postlearning Changes in Sleep Spindle Activity during Napping,” *The Journal of Neuroscience*, vol. 26, no. 35, pp. 8976–8982, 2006, doi: 10.1523/JNEUROSCI.2464-06.2006.
- [93] S. Gais, M. Mölle, K. Helms, and J. Born, “Learning-Dependent Increases in Sleep Spindle Density,” *The Journal of Neuroscience*, vol. 22, no. 15, pp. 6830–6834, 2002.
- [94] C. M. Werk, V. L. Harbour, and C. A. Chapman, “Induction of Long-Term Potentiation Leads to Increased Reliability of Evoked Neocortical Spindles in Vivo,” *Neuroscience*, vol. 131, no. 4, pp. 793–800, 2005, doi: 10.1016/j.neuroscience.2004.12.020.
- [95] L. de Gennaro and M. Ferrara, “Sleep spindles: an overview,” *Sleep Medicine Reviews*, vol. 7, no. 5, pp. 423–440, Oct. 2003, doi: 10.1053/SMRV.2002.0252. *
- [96] M. Steriade and I. Timofeev, “Neuronal Plasticity in Thalamocortical Networks during Sleep and Waking Oscillations,” *Neuron*, vol. 37, pp. 563–576, 2003. *
- [97] Z. Elazar and J. A. Hobson, “Neuronal excitability control in health and disease: A neurophysiological comparison of REM sleep and epilepsy,” *Neurobiology*, vol. 25, pp. 141–188, 1985. *
- [98] M. E. Raichle, “The Brain’s Default Mode Network,” *Annual Review of Neuroscience*, vol. 38, pp. 433–447, Jul. 2015, doi: 10.1146/annurev-neuro-071013-014030. *
- [99] J. Allan Hobson, C. C-H Hong, K. J. Friston, and J. Hopkins, “Virtual reality and consciousness inference in dreaming,” *Front Psychol*, vol. 5, no. 1133, pp. 1–18, 2014, doi: 10.3389/fpsyg.2014.01133. *
- [100] M. D. Greicius, B. Krasnow, A. L. Reiss, V. Menon, and M. E. Raichle, “Functional connectivity in the resting brain: A network analysis of the default mode hypothesis,” *The*

Proceedings of the National Academy of Sciences, vol. 100, no. 1, pp. 253–258, 2003,
[Online]. Available: www.pnas.org.

- [101] M. Jouvet, “Biogenic Amines and the States of Sleep Pharmacological and neurophysiological studies suggest a relationship between brain serotonin and sleep,” *Science (1979)*, vol. 163, no. 3862, pp. 32–41, 1969.
- [102] G. Buzsáki, “Theta Oscillations in the Hippocampus,” *Neuron*, vol. 33, pp. 325–340, 2002. *
- [103] J. L. Cantero, M. Atienza, R. Stickgold, M. J. Kahana, J. R. Madsen, and B. Kocsis, “Sleep-Dependent θ Oscillations in the Human Hippocampus and Neocortex,” *The Journal of Neuroscience*, vol. 23, no. 34, pp. 10897–10903, 2003.
- [104] A. G. Siapas and M. A. Wilson, “Coordinated Interactions between Hippocampal Ripples and Cortical Spindles during Slow-Wave Sleep,” *Neuron*, vol. 21, pp. 1123–1128, 1998.
- [105] M. Mölle, O. Yeshenko, L. Marshall, S. J. Sara, and J. Born, “Hippocampal sharp wave-ripples linked to slow oscillations in rat slow-wave sleep,” *Journal of Neurophysiology*, vol. 96, no. 1, pp. 62–70, 2006, doi: 10.1152/jn.00014.2006.
- [106] A. Peyrache, F. P. Battaglia, and A. Destexhe, “Inhibition recruitment in prefrontal cortex during sleep spindles and gating of hippocampal inputs,” *Proceedings of the National Academy of Sciences*, vol. 108, no. 41, pp. 17207–17212, 2011, doi: 10.1073/pnas.1103612108.
- [107] F. Ferino, A. M. Thierry, and J. Glowinski, “Anatomical and electrophysiological evidence for a direct projection from Ammon’s horn to the medial prefrontal cortex in the rat,” *Experimental Brain Research*, vol. 65, pp. 421–426, 1987.
- [108] N. Maingret, G. Girardeau, R. Todorova, M. Goutierre, and M. Zugaro, “Hippocampo-cortical coupling mediates memory consolidation during sleep,” *Nature Neuroscience*, vol. 19, no. 7, pp. 959–964, Jul. 2016, doi: 10.1038/nn.4304.
- [109] D. Contreras and M. Steriade, “Cellular Basis of EEG Slow Rhythms: A Study of Dynamic Corticothalamic Relationships,” *The Journal of Neuroscience*, vol. 15, no. 1, pp. 604–622, 1995.

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