

## REFERENCE

- Anderson, S.A., Kaznowski, C.E., Horn, C., Rubenstein, J.L., McConnell, S.K. 2002. Distinct origins of neocortical projection neurons and interneurons in vivo. *Cereb Cortex*. 12(7): 702-9.
- Beck, B., Pourié, G., 2013. Ghrelin, neuropeptide Y, and other feeding-regulatory peptides active in the hippocampus: role in learning and memory. *Nutr. Rev.* 71, 541–561.
- Berglund, M.M., Hipskind, P.A., Gehlert, D.R., 2003. Recent developments in our understanding of the physiological role of PP-fold peptide receptor subtypes. *Exp. Biol. Med.* 228, 217–244.
- Bergmans, W. 1997. Taxonomy and biogeography of African fruit bats (Mammalia, Megachiroptera). 5. Genera *Lissonycteris* Andersen, 1912, *Myonycteris Matschie*, 1899 and *Megaloglossus*, Pagentecher 1885; general remarks and conclusions; annex: Key to all species. *Beaufortia*, 47: 11-90
- Betts, J.G., Desaix, P., Johnson, J.E. 2013. *Anatomy and Physiology*, OpenStax College
- Carter, G.G., Ratcliffe, J.M., Galef, B.G. 2010. Flower Bats (*Glossophaga soricina*) and Fruit Bats (*Carollia perspicillata*) Rely on Spatial Cues over Shapes and Scents When Relocating Food. *PLoS ONE* 5(5)
- Chen, X.Z., Jiang, T., Li, S.W., Ai, L., Dai, J.P. 2008. Dynamic radiological change of gliomas located in the paralimbic system and its clinical significance. *Chinese Medical Journal* 121(8): 713-5
- Crystal, J.D., Babb, S.J. 2008. Spatial memory in rat after 25 hours. *Learn Motiv.* 39(4): 278-284.
- Cryan, J.F., Holmes, A. 2005. The ascent of Mouse: Advances in modelling human depression and anxiety. *Nature Reviews Drug Discovery* 4, pages 775–790
- Davila, J.C., Calle, A.D.L., Gutierrez, A., Megias, M., Andreu M.J., Guirado, S. 1991. Distribution of Neuropeptide Y (NPY) in the Cerebral Cortex of the Lizards *Psammmodromus algirus* and *Podarcis hispanica*: Co-Localization of NPY, Somatostatin, and GABA. *J. Comp. Neurol.* 308: 397-408
- Duarte-Neves, J., Almeida, L.P., Cavadas, C. 2016. Neuropeptide Y (NPY) as a therapeutic target for neurodegenerative diseases. *Neurobiology of Disease* 95, 210-224
- Dumont, Y., Jacques, D., Bouchard, P., Quirion, R., 1998. Species differences in the expression and distribution of the neuropeptide Y Y1, Y2, Y4, and

- Y5 receptors in rodents, guinea pig, and primates brains. *J. Comp. Neurol.* 402: 372–384.
- Fajri, S.R., Idrus, A.A., Hadiprayitno, G. 2014. The Richness of Bat Species Order Chiroptera in the Southern Caves of Lombok Island West Nusa Tenggara. *Bioedukasi* 7(2): 5-9.
- Geloso, M.C., Corvino, V., Maria, V.D., Marchese, E., Michetti, F. 2015. Cellular targets for neuropeptide Y-mediated control of adult neurogenesis. *Frontiers in Cellular Neuroscience* 9(85).
- Gray, H., Williams, P.L., Bannister, L.H. 1995. *Gray's Anatomy: The anatomical basis of Medicine and Surgery*. Churchill Livingstone
- Götzsche, C.R., Woldbye, D.P.D. 2016. The role of NPY in learning and memory. *Neuropeptides* 55: 79–89
- Hall, J.E. 2015. *Guyton and Hall Textbook of Medical Physiology*. Elsevier Inc.
- Hansel, D.E., Eipper, B.A., Ronnett, G.V., 2001. Neuropeptide Y functions as a neuroproliferative factor. *Nature* 410, 940–944.
- Heilig, M., Koob, G.F., Ekman, R., Britton, K.T., 1994. Corticotropin-releasing factor and neuropeptide Y: role in emotional integration. *Trends Neurosci.* 17, 80–85.
- Hodgkison, R., Balding, S.T. 2004. Temporal Variation in the Relative Abundance of Fruit Bats (Megachiroptera: Pteropodidae) in Relation to the Availability of Food in a Lowland Malaysian Rain Forest. *BIOTROPICA* 36(4): 522-533
- Hodgkison, R., Ayasse, M., Haberlein, C., Schulz, S., Zubaid, A., Mustapha, W.A.W., Kunz, T.H., Kalko, E.K.V. 2013. Fruit bats and bat fruits: the evolution of fruit scent in relation to the foraging behaviour of bats in the New and Old World tropics. *Functional Ecology*
- Höckfelt, T., Stanic, D., Sanford, S.D., Gatlin, J.C., Nilsson, I., Paratcha, G., Ledda, F., Fettisov, S., Lindfors, C., Herzog, H., Johansen, J.E., Ubink, R., Pfenninger, K.H., 2008. NPY and its involvement in axon guidance, neurogenesis, and feeding. *Nutrition* 24, 860–868.
- Holland, R.A., Waters, D.A., Rayner, J.M.V. 2004. Echolocation signal structure in the megachiropteran bat *Rousettus aegyptiacus* Geoffroy 1810. *J. Exp. Biol.* 207(25):4361–4369
- Holland, R.A., Winter, P., Waters, D.A. 2005. Sensory Systems and Spatial Memory in the Fruit Bat *Rousettus aegyptiacus*. *Ethology* 111, 715–725
- Holmes, A., Yang, R.J., Crawley, J.N., 2002. Evaluation of an anxiety-related phenotype in galanin overexpressing transgenic mice. *J. Mol. Neurosci.* 18, 151–165.

- Hornung, J.P., Tribolet, N.D., Törk, I. 1992. Morphology and Distribution of Neuropeptide-containing Neurons in Human cerebral Cortex. *Neuroscience*. 51(2): 363-375
- Kahle, W., Frotscher, M. 2010. *Color Atlas of Human Anatomy: Nervous System and Sensory Organs 6th edition*. Thieme Publishing.
- Kalko, E. K. V. and Condon, M. A. 1998. Echolocation, olfaction and fruit display: how bats find fruit of flagelliferous cucurbits. *Functional Ecology* 12: 364–372.
- Kandel, E.R., Schwartz, J.H., Jessell, T.M., 2000. *Principles of Neural Science 4<sup>th</sup> Edition*. McGraw-Hill Medical.
- Kask, A., Harro, J., von Horsten, S., Redrobe, J.P., Dumont, Y., Quirion, R., 2002. The neurocircuitry and receptor subtypes mediating anxiolytic-like effects of neuropeptide Y. *Neurosci. Biobehav. Rev.* 26, 259–283.
- Lee, R.J., Riley, J. and Merrill, R. 2001. Biodiversity and Conservation in Northern part of Sulawesi. *WCS-IP and NRM*, Prima Centra, Jakarta.
- Lengkong, H.J., Arisosilaningsih, E., Hakim, L., Sudarto. 2016. Morphological Variations and New Species Description of Genus *Rousettus* Bat from Gunung Dwasudara Sanctuary, North Sulawesi, Indonesia. *Online Journal of Biological Sciences*. 16(2).
- Loh, K., Herzog, H., Shi, Y.C., 2015. Regulation of energy homeostasis by the NPY system. *Trends Endocrinol. Metab.* 26, 125–135.
- Luft, S., Curio, E. and Tacud, B. 2003. The use of olfaction in the foraging behaviour of the golden-mantled flying fox, *Pteropus pumilus*, and the greater musky fruit bat, *Ptenochirus jagori* (Megachiroptera: Pteropodidae). *Naturwissenschaften* 90: 84–87. Magni, P., 2003. Hormonal control of the neuropeptide Y system. *Curr. Protein Pept. Sci.* 4, 45–57.
- Michalkiewicz, M., Michalkiewicz, T., Kreulen, D., McDougall, S., 2001. Increased vascular responses in neuropeptide Y transgenic rats. *Am. J. Phys.* 281, 417–426.
- Michel, M.C., Beck-Sickinger, A., Cox, H., Doods, H.N., Herzog, H., Larhammar, D., Quirion, R., Schwartz, T., Westfall, T., 1998. XVI. International Union of Pharmacology recommendations for the nomenclature of neuropeptide Y, peptide YY, and pancreatic polypeptide receptors. *Pharmacol. Rev.* 50, 143–150.
- Miller, M.E. 1969. *Anatomy of the dog*. W.B. Saunders Company, Philadelphia, USA.
- Muchhala, N., Serrano, D. 2015. The Complexity of Background Clutter Affects Nectar Bat Use of Flower Odor and Shape Cues. *PlosONE* 10(10)

- Naveilhan, P., Neveu, I., Arenas, E., Ernfors, P., 1998. Complementary and overlapping expression of Y1, Y2 and Y5 receptors in the developing and adult mouse nervous system. *Neuroscience* 87, 289–302.
- Neuweiler, G. 2000. *Biology of bats*. Oxford University Press, New York.
- Noback, C.R. 1980. *The Human Nervous System: Basic Principles of Neurobiology*. McGraw-Hill.
- Ögren, S.O., Kuteeva, E., Hökfelt, T., Kehr, J., 2006. Galanin receptor antagonists: a potential novel pharmacological treatment for mood disorders. *CNS Drugs* 20, 633–654.
- Ögren, S.O., Kuteeva, E., Elvander-Tottie, E., Hökfelt, T., 2010. Neuropeptides in learning and memory processes with focus on galanin. *European Journal of Pharmacology* 626, 9–17
- Palay, V.C., Allen, Y.S., Lang, W., Haesler, U., Polak, J.M. 1985. I. Cytology and Distribution in Normal Human Cerebral Cortex of Neurons Immunoreactive With Antisera Against Neuropeptide Y. *J. Comp. Neurol.* 238: 382-389
- Patestas, M.A., Gartner, L.P. 2006. *A Textbook of Neuroanatomy*. Blackwell Publishing
- Paxinos, G. 2014. *The Rat Nervous System*. Academic Press.
- Paxinos, G., Watson, C. 2009. *The Rat Brain in Stereotaxic Coordinates*. Elsevier/Academic Press.
- Perry, R.J., Rosen, H.R., Kramer, J.H., Beer, J.S., Levenson, R.L., Miller, B.L. 2001. Hemispheric dominance for emotions, empathy and social behaviour: evidence from right and left handers with frontotemporal dementia. *Neurocase*. 7:145-160.
- Ranson, S.W., Clark, S.L. 1961. *The Anatomy of the Nervous System, Its Development and Function*. W. B. Saunders Co.
- Rianti, I.P., Santosa, Y., dan Sunkar, A. 2009. Pola penggunaan ruang oleh beberapa jenis kelelawar penghuni gua di Taman Nasional Alas Purwo Jawa Timur. *Gunung Sewu J.* 5: 36- 47.
- Salazar, I., Pesini, P.R., Troconiz, P.F., Gonzalez-Soriano, J., Alvarez, P.F. 2008. The Neocortex of the Dog. *Anatomia Histologia Embryologia*. 17(3): 193-206.
- Silva, A.P., Xapelli, S., Grouzmann, E., Cavadas, C., 2005. The putative neuroprotective role of neuropeptide Y in the central nervous system. *Curr. Drug Targets CNS Neurol. Disord.* 4, 331–347.
- Suyanto, A. 2001. *Kelelawar di Indonesia. Seri Panduan Lapangan*. Pusat Penelitian dan Pengembangan Biologi LIPI. Bogor.

- Swenson, R.S. 2006. *Review of Clinical and Functional Neuroscience*. Dartmouth Medical School.
- Schwarzer, C., 2009. 30 years of dynorphins — new insights on their functions in neuropsychiatric diseases. *Pharmacol. Ther.* 123, 353–370.
- Tang, Z.H., Sheng, L.X., Parsons, S., Cao, M., Liang, B. and Zhang, S.Y. 2007. Fruit feeding behaviour and use of olfactory cues by the fruit bat *Rousettus leschenaulti* : An experimental study. *Acta Theriologica* 52: 285-290.
- Van der Pijl L. 1957. The dispersal of plants by bats (chiropterochory). *Acta Botanica Neerlandica* 6: 291–315.
- Vezzani, A., Sperk, G., Colmers, W.F., 1999. Neuropeptide Y: emerging evidence for a functional role in seizure modulation. *TINS* 22, 25–30.
- Von, Helversen O., Winkler, L. and Bestman, H. J. 2000. Sulphur-containing “perfumes” attract flower-visiting bats. *J. Comp. Physiol. A* 186:143–153.
- Watakabe, A., Ichinohe, N., Ohsawa, S., Hashikawa, T., Komatsu, Y., Rockland, K.S., Yamamori, T. 2006. Comparative Analysis of Layer-Specific Genes in Mammalian Neocortex. *Cerebral Cortex*. Volume 17(8), 1918 - 1933.
- Whitlock, J.R. 2014. Navigating actions through the rodent parietal cortex. *Frontiers in human neuroscience*. 8: 293
- Young, B., O’Dowd, G., Woodford, P. 2013. *Wheater's Functional Histology: A Text and Colour Atlas*. Churchill Livingstone.
- Zhang, S.X. 1999. *An Atlas of Histology*. Springer-Verlag.