

生物学概念与途径读物

第一章

Mendel G (1866) Experiments in Plant Hybridization. *Verhandlungen des naturforschenden Vereines in Brünn*, Bd. IV für das Jahr, Abhandlungen, 3-47
(Experiments in Plant Hybridization in Genetics: readings from Scientific American pp. 8-17. W.H. Freeman and Company, San Francisco-USA)

70-72

第二章

Morgan TH (1910) Sex linked inheritance in Drosophila. *Science* 32:120-122.

Sturtevant AH (1913) The linear arrangement of six sex-linked factors in Drosophila as shown by mode of association. *Journal of Experimental Zoology* 14:39-45.

第三章

Griffith F (1928) The significance of pneumococcal types. *Journal of Hygiene* 27:113-159.

Avery OT, MacLeod CM and McCarty M (1944) Studies on the chemical nature of the substance inducing transformation of pneumococcal types. *Journal of Experimental Medicine* 79: 137-158.

第四章

Brenner S (1957) On the impossibility of all overlapping triplet codes in information transfer from nucleic acid to proteins. *Proceedings of the National Academy of Sciences USA* 43:687-694.

Lengyel P, Speyer JF, Ochoa S (1961) Synthetic polynucleotides and the amino acid code. *Proceedings of the National Academy of Sciences USA* 47:1936-1942.

第五章

Spemann H and Mangold H (1924) Über Induktion von Embryonalanlagen durch, Implantation artfremder Organisatoren. *Archive für Mikroskopische Anatomie Entwicklungsmechanik* 100:599-638. (translated as Spemann H and Mangold H

(2001). Induction of embryonic primordia by implantation of organizers from a different species. *International Journal of Developmental Biology* 45:13-38).

Nieuwkoop PD (1969) The formation of the mesoderm in urodelean amphibians. I. Induction by the endoderm. *Wilhelm Roux' Archive of Developmental Biology* 162:341-373.

第六章

Lewis EB (1978) A gene complex controlling segmentation in Drosophila. *Nature* 276:565-570.

Nüsslein-Volhard C and Wieschaus E (1980) Mutations affecting segment number and polarity in Drosophila. *Nature* 287:795-801.

第七章

Behring E and Kitasato S (1890) Über das Zustandekommen der Diphtherie-Immunität und der Tetanus-Immunität bei Thieren. *Deutsche medizinische Wochenschrift* 16:1113-1114 (The mechanism of immunity in animals to diphtheria and tetanus).

Landsteiner K (1901) Über Agglutinationserscheinungen normalen menschlichen Blutes. *Wiener Klinische Wochenschrift* 14:1132-1134. (On the agglutination of normal human blood).

第八章

Burnet F (1957) A modification of Jerne's theory of antibody production using the concept of clonal selection. *Australian Journal of Science* 20:67-68.

Hozumi N and Tonegawa S (1976) Evidence for somatic rearrangement of immunoglobulin genes coding for variable and constant regions. *Proceedings of the National Academy of Sciences USA* 73:3628-3632.

第九章

Curtis HJ and Cole KS (1940) Membrane action potentials from the squid giant axon. *Journal of Cellular and Comparative Physiology* 15:147-157.

Hodgkin AL and Huxley AF (1952a) Currents carried by sodium and potassium ions through the membrane of the giant axon of *Loligo*. *Journal of Physiology* 116:449–472.

第十章

Elliot TR (1905) On the action of adrenalin. *Journal of Physiology* 32:401-467.

Dale HH, Feldberg W and Vogt M (1936) Release of acetylcholine at voluntary motor nerve endings. *Journal of Physiology* 86: 353-380.

第十一章

Nathans J, Piantanida TP, Eddy RL, Shows TB and Hogness DS (1986) Molecular genetics of inherited variation in human color vision. *Science* 232:203-210.

Hubel DH and Wiesel TN (1962) Receptive fields, binocular interaction and functional architecture in the cat's visual cortex. *Journal of Physiology* 160:106-154.

第十二章

Fleming A (1929) On the antibacterial action of cultures of a penicillium, with special reference to their use in the isolation of *B. influenzae*. *British Journal of Experimental Pathology* 10:226-236.

第十三章

Goldstein A, Lowney LI and Pal BK (1971) Stereospecific and nonspecific interactions of the morphine congener levorphanol in subcellular fractions of mouse brain. *Proceedings of the National Academy of Sciences USA* 68:1742-1747.

Liu, J, Farmer JD Jr, Lane WS, Friedman J, Weissman I, Schreiber SL (1991) Calcineurin is a common target of cyclophilin-cyclosporin A and FKBP-FK506 complexes. *Cell* 66:807-15.

第十四章

Konopka RJ and Benzer S (1971) Clock mutants of *Drosophila melanogaster*. *Proceedings of the National Academy of Sciences USA* 68:2112-2116.

Vitaterna MH, King DP, Chang A-M, Kornhauser JM, Lowrey PL, McDonald JD, Dove WF, Pinto LH, Turek FW and Takahashi JS (1994) Mutagenesis and mapping of a mouse gene, Clock, essential for circadian behavior. *Science* 264:719-725.