All Nobel Laureates in Physiology or Medicine

1901	Emil A. von Behring	Germany	*”for his work on serum therapy, especially its application against diphtheria, by which he has opened a new road in the domain of medical science and thereby placed in the hands of the physician a victorious weapon against illness and deaths”*
1902	Sir Ronald Ross	Great Britain	*”for his work on malaria, by which he has shown how it enters the organism and thereby has laid the foundation for successful research on this disease and methods of combating it”*
1903	Niels R. Finsen	Denmark	*”in recognition of his contribution to the treatment of diseases, especially lupus vulgaris, with concentrated light radiation, whereby he has opened a new avenue for medical science”*
1904	Ivan P. Pavlov	Russia	*”in recognition of his work on the physiology of digestion, through which knowledge on vital aspects of the subject has been transformed and enlarged”*
1905	Robert Koch	Germany	*”for his investigations and discoveries in relation to tuberculosis”*
1906	Camillo Golgi	Italy	*"in recognition of their work on the structure of the nervous system"*
	Santiago Ramon y Cajal	Spain	
1907	Charles L. A. Laveran	France	*"in recognition of his work on the role played by protozoa in causing diseases"*
1908	Paul Ehrlich	Germany	*"in recognition of their work on immunity"*
	Elie Metchnikoff	France	
1909	Emil Theodor Kocher	Switzerland	*"for his work on the physiology, pathology and surgery of the thyroid gland"*
1910	Albrecht Kossel	Germany	*"in recognition of the contributions to our knowledge of cell chemistry made through his work on proteins, including the nucleic substances"*
1911	Allvar Gullstrand	Sweden	*"for his work on the dioptrics of the eye"*
1912	Alexis Carrel	France	*"in recognition of his work on vascular suture and the transplantation of blood vessels and organs"*
1913	Charles R. Richet	France	*"in recognition of his work on anaphylaxis"*
1914	Robert Barany	Austria	*"for his work on the physiology and pathology of the vestibular apparatus"*
1915	*No Nobel Prize was awarded this year. The prize money was allocated to the Special Fund of this prize section.*		
1916			
1917			
1918			
1919	Jules Bordet	Belgium	*"for his discoveries relating to immunity"*
1920	Schack A. S. Krogh	Demmark	*"for his discovery of the capillary motor regulating mechanism"*
1921	*No Nobel Prize was awarded this year. The prize money was allocated to the Special Fund of this prize section.*		
1922	Archibald V. Hill	Great Britain	*"for his discovery relating to the production of heat in the muscle"*
	Otto F. Meyerhof	Germany	*"for his discovery of the fixed relationship between the consumption of oxygen and the metabolism of lactic acid in the muscle"*
1923	Frederick G. Banting	Canada	*"for the discovery of insulin"*
	John J. R. Macleod	Scotland	
1924	Willem Einthoven	Netherlands	*"for his discovery of the mechanism of the electrocardiogram"*
1925	*No Nobel Prize was awarded this year. The prize money was allocated to the Special Fund of this prize section.*		
1926	Johannes A. G. Fibiger	Danmark	*"for his discovery of the Spiroptera carcinoma"*
1927	Julius Wagner-Jauregg	Austria	*"for his discovery of the therapeutic value of malaria inoculation in the treatment of dementia paralytica"*
1928	Charles J. H. Nicolle	France	*"for his work on typhus"*
1929	Christiaan Eijkman	Netherlands	*"for his discovery of the antineuritic vitamin"*
	Sir Frederick G. Hopkins	Great Britain	*"for his discovery of the growth-stimulating vitamins"*
1930	Karl Landsteiner	United States	*"for his discovery of human blood groups"*
1931	Otto H. Warburg	Germany	*"for his discovery of the nature and mode of action of the respiratory enzyme"*
1932	Edgar D. Adrian	Great Britain	*"for their discoveries regarding the functions of neurons"*
	Sir Charles S. Sherrington	Great Britain	
1933	Thomas H. Morgan	United States	*"for his discoveries concerning the role played by the chromosome in heredity"*
1934	George R. Minot	United States	*"for their discoveries concerning liver therapy in cases of anaemia"*
	William P. Murphy	United States	
	G. H. Whipple	United States	
1935	Hans Spemann	Germany	*"for his discovery of the organizer effect in embryonic development"*
1936	Sir Henry H. Dale	Great Britain	*"for their discoveries relating to chemical transmission of nerve impulses"*
	Otto Loewi	United States	
1937	Albert Szent-Gyorgyi	Hungary - US	*"for his discoveries in connection with the biological combustion processes, with special reference to vitamin C and the catalysis of fumaric acid"*
1938	Corneille J. F. Heymans	Belgium	*"for the discovery of the role played by the sinus and aortic mechanisms in the regulation of respiration"*
1939	Gerhard Domagk	Germany	*"for the discovery of the antibacterial effects of prontosil"*
1940	*No Nobel Prize was awarded this year. The prize money was with 1/3 allocated to the Main Fund and with 2/3 to the Special Fund of this prize section.*		
1941			
1942			
1943	Henrik C. P. Dam	Denmark	*"for his discovery of vitamin K"*
	Edward A. Doisy	United States	*"for his discovery of the chemical nature of vitamin K"*

1944	Joseph Erlanger	United States	*"for their discoveries relating to the highly differentiated functions of single nerve fibres"*
	Herbert S. Gasser	United States	
1945	Ernst B. Chain	Great Britain	*"for the discovery of penicillin and its curative effect in various infectious diseases"*
	Sir Alexander Fleming	Great Britain	
	Sir Howard W. Florey	Great Britain	
1946	Hermann J. Muller	United States	*"for the discovery of the production of mutations by means of X-ray irradiation"*
1947	Carl F. Cori	United States	*"for their discovery of the course of the catalytic conversion of glycogen"*
	Gerty T. Cori	United States	
	Bernardo A. Houssay	Argentina	*"for his discovery of the part played by the hormone of the anterior pituitary lobe in the metabolism of sugar"*
1948	Paul H. Müller	Switzerland	*"for his discovery of the high efficiency of DDT as a contact poison against several arthropods"*
1949	Walter R. Hess	Switzerland	*"for his discovery of the functional organization of the interbrain as a coordinator of the activities of the internal organs"*
	Antonio Moniz	Portugal	*"for his discovery of the therapeutic value of leucotomy in certain psychoses"*
1950	Philip S. Hench	United States	*"for their discoveries relating to the hormones of the adrenal cortex, their structure and biological effects"*
	Edward C. Kendall	United States	
	Tadeus Reichstein	Switzerland	
1951	Max Theiler	United States	*"for his discoveries concerning yellow fever and how to combat it"*
1952	Selman A. Waksman	United States	*"for his discovery of streptomycin, the first antibiotic effective against tuberculosis"*
1953	Sir Hans A. Krebs	Great Britain	*"for his discovery of the citric acid cycle"*
	Fritz A. Lipmann	United States	*"for his discovery of co-enzyme A and its importance for intermediary metabolism"*
1954	John F. Enders	United States	*"for their discovery of the ability of poliomyelitis viruses to grow in cultures of various types of tissue"*
	Frederick C. Robbins	United States	
	Thomas H. Weller	United States	
1955	Alex H. T. Theorell	Sweden	*"for his discoveries concerning the nature and mode of action of oxidation enzymes"*
1956	André F. Cournand	United States	*"for their discoveries concerning heart catheterization and pathological changes in the circulatory system"*
	Dickinson W. Richards, Jr.	United States	
	Werner Forssmann	Germany	
1957	Daniel Bovet	Italy	*"for his discoveries relating to synthetic compounds that inhibit the action of certain body substances, and especially their action on the vascular system and the skeletal muscles"*
1958	George W. Beadle	United States	*"for their discovery that genes act by regulating definite chemical events"*
	Edward L. Tatum	United States	
	Joshua Lederberg	United States	*"for his discoveries concerning genetic recombination and the organization of the genetic material of bacteria"*
1959	Arthur Kornberg	United States	*"for their discovery of the mechanisms in the biological synthesis of ribonucleic acid and deoxyribonucleic acid"*
	Severo Ochoa	United States	
1960	Sir F. MacFarlane Burnet	Australia	*"for discovery of acquired immunological tolerance"*
	Peter B. Medawar	Great Britain	
1961	Georg von Békésy	United States	*"for his discoveries of the physical mechanism of stimulation within the cochlea"*
1962	Francis H. C. Crick	Great Britain	*"for their discoveries concerning the molecular structure of nucleic acids and its significance for information transfer in living material"*
	Maurice H. F. Wilkins	Great Britain	
	James D. Watson	United States	
1963	Sir John C. Eccles	Australia	*"for their discoveries concerning the ionic mechanisms involved in excitation and inhibition in the peripheral and central portions of the nerve cell membrane"*
	Alan L. Hodgkin	Great Britain	
	Andrew F. Huxley	Great Britain	
1964	Konrad E. Bloch	United States	*"for their discoveries concerning the mechanism and regulation of the cholesterol and fatty acid metabolism"*
	Feodor Lynen	Germany	
1965	Francois Jacob	France	*"for their discoveries concerning genetic control of enzyme and virus synthesis"*
	André Lwoff	France	
	Jacques Monod	France	
1966	Charles B. Huggins	United States	*"for his discoveries concerning hormonal treatment of prostatic cancer"*
	Francis Peyton Rous	United States	*"for his discovery of tumour-inducing viruses"*
1967	Ragnar Granit	Sweden	*"for their discoveries concerning the primary physiological and chemical visual processes in the eye"*
	Haldan Keffer Hartline	United States	
	George Wald	United States	
1968	Robert W. Holley	United States	*"for their interpretation of the genetic code and its function in protein synthesis"*
	H. Gobind Khorana	United States	
	Marshall W. Nirenberg	United States	
1969	Max Delbrück	United States	*"for their discoveries concerning the replication mechanism and the genetic structure of viruses"*
	Alfred D. Hershey	United States	
	Salvador Luria	United States	
1970	Julius Axelrod	United States	*"for their discoveries concerning the humoral transmittors in the nerve terminals and the mechanism for their storage, release and inactivation"*
	Sir Bernard Katz	Great Britain	
	Ulf von Euler	Sweden	
1971	Earl W. Sutherland, Jr.	United States	*"for his discoveries concerning the mechanisms of the action of hormones"*
1972	Gerald M. Edelman	United States	*"for their discoveries concerning the chemical structure of antibodies"*
	Rodney R. Porter	Great Britain	
1973	Karl von Frisch	Germany	*"for their discoveries concerning organization and elicitation of individual and social behaviour patterns"*
	Konrad Lorenz	Germany - Austria	
	Nikolaas Tinbergen	Great Britain	
1974	Albert Claude	Luxembourg - US	*"for their discoveries concerning the structural and functional organization of the cell"*
	George Emil Palade	Romania - US	
	Christian Rene de Duve	Belgium	
1975	David Baltimore	United States	*"for their discoveries concerning the interaction between tumour viruses and the genetic material of the cell"*
	Howard Temin	United States	
	Renato Dulbecco	Italy - US	

1976	Baruch S. Blumberg	United States	*"for their discoveries concerning new mechanisms for the origin and dissemination of infectious diseases"*
	Daniel Carleton Gajdusek	United States	
1977	Rosalyn S. Yalow	United States	*"for the development of radioimmunoassays of peptide hormones"*
	Roger C. L. Guillemin	United States	*"for their discoveries concerning the peptide hormone production of the brain"*
	Andrew V. Schally	United States	
1978	Daniel Nathans	United States	*"for the discovery of restriction enzymes and their application to problems of molecular genetics"*
	Hamilton O. Smith	United States	
	Werner Arber	Switzerland	
1979	Allan M. Cormack	United States	*"for the development of computer assisted tomography"*
	Godfrey N. Hounsfield	Great Britain	
1980	Baruj Benacerraf	United States	*"for their discoveries concerning genetically determined structures on the cell surface that regulate immunological reactions"*
	George Snell	United States	
	Jean Dausset	France	
1981	Roger W. Sperry	United States	*"for his discoveries concerning the functional specialization of the cerebral hemispheres"*
	David H. Hubel	United States	*"for their discoveries concerning information processing in the visual system"*
	Tosten N. Wiesel	United States	
1982	Sune Bergström	Sweden	*"for their discoveries concerning prostaglandins and related biologically active substances"*
	Bengt Samuelsson	Sweden	
	John R. Vane	Great Britain	
1983	Barbara McClintock	United States	*"for her discovery of mobile genetic elements"*
1984	César Milstein	GB - Argentina	*"for theories concerning the specificity in development and control of the immune system and the discovery of the principle for production of monoclonal antibodies"*
	Georges J. F. Köhler	Germany	
	Niels K. Jerne	GB - Denmark	
1985	Michael S. Brown	United States	*"for their discoveries concerning the regulation of cholesterol metabolism"*
	Joseph L. Goldstein	United States	
1986	Rita Levi-Montalcini	Italy - US	*"for their discoveries of growth factors"*
	Stanley Cohen	United States	
1987	Susumu Tonegawa	Japan	*"for his discovery of the genetic principle for generation of antibody diversity"*
1988	Gertrude B. Elion	United States	*"for their discoveries of important principles for drug treatment"*
	George H. Hitchings	United States	
	Sir James Black	Great Britain	
1989	J. Michael Bishop	United States	*"for their discovery of the cellular origin of retroviral oncogenes"*
	Harold E. Varmus	United States	
1990	Joseph E. Murray	United States	*"for their discoveries concerning organ and cell transplantation in the treatment of human disease"*
	E. Donnall Thomas	United States	
1991	Edwin Neher	Germany	*"for their discoveries concerning the function of single ion channels in cells"*
	Bert Sakmann	Germany	
1992	Edmond H. Fisher	United States	*"for their discoveries concerning reversible protein phosphorylation as a biological regulatory mechanism"*
	Edwin G. Krebs	United States	
1993	Phillip A. Sharp	United States	*"for their discoveries of split genes"*
	Richard J. Roberts	Great Britain	
1994	Alfred G. Gilman	United States	*"for their discovery of G-proteins and the role of these proteins in signal transduction in cells"*
	Martin Rodbell	United States	
1995	Edward B. Lewis	United States	*"for their discoveries concerning the genetic control of early embryonic development"*
	Eric F. Wieschaus	United States	
	Christiane Nüsslein-Volhard	Germany	
1996	Peter C. Doherty	Australia	*"for their discoveries concerning the specificity of the cell mediated immune defence"*
	Rolf M. Zinkernagel	Switzerland	
1997	Stanley B. Prusiner	United States	*"for his discovery of Prions - a new biological principle of infection"*
1998	Robert F. Furchgott	United States	*"for their discoveries concerning nitric oxide as a signalling molecule in the cardiovascular system"*
	Louis J. Ignarro	United States	
	Ferid Murad	United States	
1999	Günter Blobel	United States	*"for the discovery that proteins have intrinsic signals that govern their transport and localization in the cell"*
2000	Arvid Carlsson	Sweden	*"for their discoveries concerning signal transduction in the nervous system"*
	Paul Greengard	United States	
	Eric Kandel	United States	
2001	Leland H. Hartwell	United States	*"for their discoveries of key regulators of the cell cycle"*
	Tim Hunt	United Kingdom	
	Sir Paul M. Nurse	United Kingdom	
2002	Sydney Brenner	United Kingdom	*"for their discoveries concerning genetic regulation of organ development and programmed cell death”*
	H. Robert Horvitz	United States	
	John E. Sulston	United Kingdom	
2003	Paul C. Lauterbur	United States	*"for their discoveries concerning magnetic resonance imaging"*
	Sir Peter Mansfield	United Kingdom	
2004	Richard Axel	United States	*"for their discoveries of odorant receptors and the organization of the olfactory system"*
	Linda B. Buck	United States	
2005	Barry J. Marshall	Australia	*"for their discovery of the bacterium Helicobacter pylori and its role in gastritis and peptic ulcer disease"*
	J. Robin Warren	Australia	
2006	Andrew Z. Fire	United States	*"for their discovery of RNA interference - gene silencing by double-stranded RNA"*
	Craig C. Mello	United States	
2007	Mario R. Capecchi	United States	*"for their discoveries of principles for introducing specific gene modifications in mice by the use of embryonic stem cells"*
	Sir Martin J. Evans	United Kingdom	
	Oliver Smithies	United States	

2008	Harald zur Hausen	Germany	*"for his discovery of human papilloma viruses causing cervical cancer"*
	Françoise Barré-Sinoussi	France	*"for their discovery of human immunodeficiency virus"*
	Luc Montagnier	France	
2009	Elizabeth H. Blackburn	United States	*"for the discovery of how chromosomes are protected by telomeres and the enzyme telomerase"*
	Carol W. Greider	United States	
	Jack W. Szostak	United States	
2010	Robert G. Edwards	Great Britain	*"for the development of in vitro fertilization"*
2011	Bruce A. Beutler	United States	*"for their discoveries concerning the activation of innate immunity"*
	Jules A. Hoffmann	Luxembourg	
	Ralph M. Steinman	Canada	*"for his discovery of the dendritic cell and its role in adaptive immunity"*
2012	Sir John B. Gurdon	United Kingdom	*"for the discovery that mature cells can be reprogrammed to become pluripotent"*
	Shinya Yamanaka	Japan	
2013	James E. Rothman	United states	*"for their discoveries of machinery regulating vesicle traffic, a major transport system in our cells"*
	Randy W. Schekman	United States	
	Thomas C. Südhof	Germany	
2014			

Nobelförsamlingen
The Nobel Assembly at Karolinska Institutet