

## Nobelovci iz područja neuroznanosti

NOBELOVCI IZ PODRUĀJA NEUROZKANOSTI

Year of Award	Name(s)	Nationality/Citizenship	Field of Study
1906	Golgi, Camillo	Italian	Structure of the Nervous System
	Ramon y Cajal, Santiago	Spanish	Structure of the Nervous System
1911	Gullstrand, Allvar	Swedish	Optics of the Eye
1914	Barany, Robert	Austrian	Physiology and pathology of the vestibular apparatus
1927	Wagner-Jauregg, Julius	Austrian	Discovery of Malaria inoculation to treat dementia paralytica
1932	Adrian, Edgar Douglas	British	Function of neurons in sending messages
	Sherrington, Charles Scott, Sir	British	Function of neurons in the brain and spinal cord
1936	Dale, Henry Hallett, Sir	British	Chemical transmission of nerve impulses
	Loewi, Otto	German,	
	American Citizen		Chemical transmission of nerve impulses
1944	Erlanger, Joseph	American	Differentiated functions of single nerve fibers
	Gasser, Herbert Spencer	American	Differentiated functions of single nerve fibers
1949	Egas Moniz, Antonio Caetano Abreu Freire	Portuguese	Leucotomy for certain psychoses
	Hess, Walter Rudolph	Swiss	The "interbrain" (hypothalamus) used to control activity of internal organs
1957	Bovet, Daniell	Italian	Work on synthetic substances that inhibit action of body substances.
1961	Von Bekesy, Georg	Hungarian,	
	American Citizen		Function of the cochlea
1963	Eccles, John Carew, Sir	Australian	Ionic mechanisms of nerve cell membrane
	Hodgkin, Alan Lloyd, Sir	British	Ionic mechanisms of nerve cell membrane
	Huxley, Andrew Fielding, Sir	British	Ionic mechanisms of nerve cell membrane
1967	Granit, Ragnar Arthur	Finnish,	
	Swedish citizen		Mechanisms of Vision - Wavelength discrimination of the eye
	Hartline, Halden		
	Keffer	American	Mechanisms of Vision
	Wald, George	American	Mechanisms of Vision - chemical processes
1970	Axelrod, Julius	American	Humoral transmitters in sympathetic nerves
	Katz, Bernard, Sir	German,	
	British Citizen		Release of neurotransmitters from nerve terminals
	von Euler, Ulf Svante	Swedish	Humoral transmitters in sympathetic nerves
1973	Lorenz, Konrad Zacharias	Austrian	Ethology
	Tinbergen, Nikolaas	Dutch	Ethology
	von Frisch, Karl	Austrian	Ethology
1976	Blumberg, Baruch S.	American	Mechanisms for origin and dissemination of infection disease
	Gajdusek, Daniel Carleton	American	Mechanisms for origin and dissemination of infection disease
1977	Guillemin, Roger	French,	
	American Citizen		Production of peptides in the brain
	Schally, Andrew Victor	Polish,	
	Canadian/American Citizen		Production of peptides in the brain
1979	Cormack, Allan MacLeod	South African,	
	American Citizen		Invention of computer-assisted tomography
	Hounsfield, Godfrey Newbold, Sir	British	Invention of computer-assisted tomography
1981	Hubel, David Hunter	Canadian,	
	American Citizen		Information processing in the visual system
	Sperry, Roger Wolcott	American	Functions of the right and left hemispheres of the brain
	Wiesel, Torsten N.	Swedish,	
	American Citizen		Information processing in the visual system
1982	Samuelsson, Bengt Ingemar	Swedish	Discovery of prostaglandins
	Vane, John Robert	British	Discovery of prostaglandins
	Bergstrom, Sune K.	Swedish	Discovery of prostaglandins
1986	Cohen, Stanley	American	Control of nerve cell growth
	Levi-Montalcini, Rita	Italian,	
	American Citizen		Control of nerve cell growth
1991	Neher, Erwin	German	Function of single ion channels in cells
	Sakmann, Bert	German	Function of single ion channels in cells
1994	Gilman, Alfred G.	American	Discovery of G-protein coupled receptors and their role in signal transduction
	Rodbell, Martin	American	Discovery of G-protein coupled receptors and their role in signal transduction
1997	Prusiner, Stanley B.	American	Discovery of prions; a new biological principle of infection
2000	Arvid Carlsson	Swedish	Signal transduction in the nervous system/dopamine
	Paul Greengard	American	Signal transduction in the nervous system
	Eric R. Kandel	American	Signal transduction in the nervous system/learning