

Summary of Major International Prizes in Medicine/Public Health

Name of Prize	Nobel Prize in Physiology or Medicine	Albert Lasker Medical Research Awards	Gairdner Foundation International Awards	Louisa Gross Horwitz Prize	Wolf Prize (Medicine)	Prince Mahidol Award	Keio Medical Science Prize
Organizer	Nobel Foundation	Albert and Mary Lasker Foundation (USA)	The Gairdner Foundation (Canada)	Columbia University (USA)	Wolf Foundation (Israel)	Prince Mahidol Award Foundation (Thailand)	Keio University Medical Science Fund
Purpose	To honour men/women from all corners of the globe for outstanding achievements in physiology or medicine	To recognize and honor individuals who have made significant contributions in basic or clinical research in diseases that are the main cause of death and disability	To honour and reward outstanding biomedical scientists who have made original contributions to medicine with the ultimate goal of contributing through research to the conquest of disease and relief of human suffering	To honour a scientific investigator, or group of investigators, whose contributions to knowledge in either the fields of biology or biochemistry are deemed worthy of special recognition	To promote science for the benefit of mankind	To honour individual(s) or institution(s) which have demonstrated outstanding and exemplary contributions to the advancement of medical, public health and human services throughout the world	To award researchers in recognition of their outstanding achievements in the field of medical sciences or life sciences in the hope that it will ultimately contribute to the peace and prosperity of humankind
Criteria/ Eligibility	<p>-The person who shall have made the most important discovery within the domain of physiology or medicine.</p> <p>-No consideration shall be given to the nationality.</p>	<p><u>Basic Medical Research Award:</u> Scientist(s) who have made fundamental investigations that open new areas of biomedical Science</p> <p><u>Clinical Medical Research Award:</u> Scientist(s) whose contributions, directly or indirectly, have led in a pioneering way to a major improvement in the clinical management or treatment of patients.</p> <p><u>Special Achievement Award in Medical Science:</u> Scientist(s) whose contributions to research are of unique magnitude and immeasurable influence on the course of science, health, or medicine, and whose professional career has engendered within the biomedical community the deepest feelings of awe and respect</p> <p>-No more than three individuals will be considered</p>	<p>-Those who have made major contributions through research to the conquest of disease and the relief of human suffering in basic biomedical and clinical research.</p> <p>-Residents of any country without restriction.</p> <p>-A joint award may be given for the same discovery or contribution to medical science.</p>	<p>-An individual or a group for outstanding basic research in the fields of biology or biochemistry.</p> <p>-No geographical limitations.</p>	<p>-To award prizes to outstanding scientists --irrespective of nationality, race, color, religion, sex or political views--for achievements in the interest of mankind and friendly relations among peoples.</p> <p>-A person cannot be nominated by him- or herself.</p> <p>-The prize is awarded to individuals, not institutions.</p> <p>-The prize is presented to the recipient in person, in Jerusalem. Nominating persons/organs are requested not to propose candidates who, to the best of their knowledge, may not be able to attend the Ceremony.</p>	<p>Award must be based on significant actions and accomplishments over a long period of time.</p> <p><u>Award criteria for individual(s):</u> (1)s/he has displayed leadership which promoted the advancement of the understanding or application of processes or problems in world medicine or public health. (2)s/he has made outstanding research contributions in the areas and to advancement of medical, public health and human services. Their work had a significant impact on public health problems and health status of many people around the world. (3)s/he has continued to make a major contribution to improve the health of people through applied research.</p> <p>May also include professional accomplishments, demonstration of high personal standards, demonstration of professional ethics.</p> <p><u>Award categories for Organization(s) or Institution(s):</u> (1) The organization which has made a single major significant contribution and continuous progress to improve the health of population through effective use of data and applied research. (2) The organization which has multiple evidence or multiple discoveries that has made a significant and beneficial impact around the world.</p> <p><u>Necessary criteria for Organization(s) or Institution(s):</u> (1) must have established new ideas, concepts, research, policies etc, creativity, and/or initiatives (2) must have integrated knowledge and/or experiential learning to improve the health of people around the world (3) must have actively involved in community and professional service organizations and has attracted many attentions from the international community (4) demonstrating leadership, excellence in the development of programs, methods or services that improve access to health of people and substantial impact around the world</p>	<p>-Outstanding contribution to medical sciences or life sciences</p> <p>-It is preferable that the researcher be currently active in his/her field of research</p> <p>-No consideration is given to nationality</p>

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Selection Process	<ul style="list-style-type: none"> -The Nobel Assembly at Karolinska Institutet is responsible for the choice of the Laureates. -Nobel Committee for Medicine (5 members and the Secretary of the Assembly) sends out confidential forms to around 3000 persons (selected professors at universities, Nobel Laureates in Physiology/Medicine, members of Nobel Assembly). -Nobel Committee screens nominations and selects preliminary candidates. -Consultation with experts. -Nobel Committee submits report with recommendations to Nobel Assembly. -Nobel Assembly (50 members) hold two meetings and choose the Laureates through a majority of vote. 	<ul style="list-style-type: none"> -A panel of jurors (about 25 members) selects scientists to be honoured. 	<ul style="list-style-type: none"> -Nomination are reviewed on two levels. -A Medical Review Panel from across Canada is comprised of 30 eminent scientists in various fields who review and prepare a short list of potential recipients from received nominations. -A Medical Advisory Board comprised of 20 eminent international scientists selects the winners for recommendation to the Gairdner Foundation Board of Directors. 	<ul style="list-style-type: none"> -President of Columbia University appoints a selection committee from among the University Faculty. -The selection is assisted by a panel of internationally known scientists distinguished in the fields of biology, chemistry, biochemistry and physiology. 	<ul style="list-style-type: none"> -Proposals of candidates are accepted for consideration only if submitted by the following: the president of a national academy of sciences; the rector of a university or other institution of higher learning; the director of a research institute; the dean of a faculty in medicine; the director of a scientific organization/association; the recipient of a Wolf Prize - only in his/her field; and other scientists invited by the Foundation. -International prize committee, comprising renowned experts, select winners. Prize committees are appointed every year. 	<ul style="list-style-type: none"> -An individual or group of individuals or an institution may be nominated by national medical or health authorities or by individual or group of individuals in nongovernmental capacity, as candidates for the award. -Scientific Advisory Committee, consisting of either Thai scientists or high-ranking public-health technocrats, shortlists the nominees. -International Award Committee, comprising several world-renowned experts in the field of medicine and public health, makes recommendations to the Foundation's Board of Trustees. -The Foundation's Board of Trustees makes final approval. 	<ul style="list-style-type: none"> -Nominations are solicited by letters of request sent to academics and researchers throughout the world. -Keio Medical Science Prize Selection Committee, consisting of Japanese academics and researchers (13 members and over 60 specialists in various fields), selects the winner by reviewing candidates' achievements and recommends the winner to the Fund's Board of Directors. -Board of Directors formally announces the winner based on the Committee's recommendation.
Establishment Year / Frequency	1901 / annually	1945 / annually	1959 / annually	1967 / annually	1978 / annually	1992 / annually	1996 / annually
Award	medal, cash award (SEK 10 million), personal diploma	honorarium (US\$100,000), citation, inscribed statuette of the Winged Victory of Samothrace	honorarium (Canadian \$30,000), citation, sculpture of Le Coeur	honorarium, citation	honorarium (US\$100,000)	medal, certificate, cash award (US\$50,000)	cash award (20 million yen (approx.US\$170,000)), medal

※prepared by Cabinet Office