

2016

International Prize for Biology



Committee on the International Prize for Biology
Japan Society for the Promotion of Science (JSPS)
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International Prize for Biology

The International Prize for Biology was instituted in April of 1985 by the Committee on the International Prize for Biology. From its establishment, the Prize has commemorated the 60-year reign of Emperor Showa and his longtime devotion to biological research. Now it also pays tribute to the present Emperor, His Majesty, Emperor Akihito, who has striven for many years to advance the study of gobioid fish taxonomy, while contributing continuously to the development of this Prize. The award ceremony will be held in the presence of His Majesty, the Emperor.

The Prize is awarded in accordance with the following criteria.

1. The Prize shall be made by the Committee every year, commencing in 1985.
2. The Prize consists of a medal and an award of 10-million yen (Approx. US\$83,300 at ¥120/dollar, as of January 1st).
3. There shall be no restrictions on the nationality of the recipient.
4. The Prize shall be awarded to an individual who, in the judgment of the members of the Committee, has made an outstanding contribution to the advancement of research in fundamental biology.
5. The specialty within the field of biology for which the Prize will be awarded shall be decided upon annually by the Committee.
6. The Committee shall be advised on suitable candidates for the Prize by a selection committee, which will consist of Japanese and overseas members.
7. The selection committee shall invite nominations of candidates from such relevant individuals and organizations at home and abroad as the selection committee may deem appropriate.
8. The nomination shall consist of:
 - a) Full name, date of birth, nationality and address of candidate.
 - b) The candidate's academic or professional qualifications and position.

- c) A brief statement (1-2pages) describing the candidate's achievements in relation to the purpose of the Prize.
 - d) The name of the individual or institution making the nomination.
- 9. The selection committee shall submit to the Committee a report containing recommendations of the candidate for the Prize and supporting statement.
 - 10. The Prize shall be presented in Tokyo every year.

Notes about the 2016 Prize

- 1) The specialty for the 2016 Prize is:

Biology of Biodiversity

- 2) Nominations should be mailed or emailed to:

Dr. Hiroo Fukuda, Chair
Selection Committee for the International Prize
for Biology

c/o Japan Society for the Promotion of Science
5-3-1 Kojimachi, Chiyoda-ku, Tokyo 102-0083
Japan

Email: ip-biology@jsps.go.jp

- 3) The deadline for receipt of nominations is:

April 22, 2016

The Past Recipient of the Prize

- 1985 (Taxonomy or Systematic Biology)
Prof. Edred John Henry Corner
Professor Emeritus, University of Cambridge,
U.K.
- 1986 (Systematic Biology and Taxonomy)
Dr. Peter Hamilton Raven
Director, Missouri Botanical Garden, U.S.A.
- 1987 (Developmental Biology)
Sir John Bertrand Gurdon
John Humphrey Plummer Professor, University
of Cambridge, U.K.
- 1988 (Population Biology)
Dr. Motoo Kimura
Professor Emeritus, National Institute of
Genetics, Japan
- 1989 (Marine Biology)
Sir Eric James Denton
Retired Director, Marine Biological Association
Laboratory, Plymouth, U.K.
- 1990 (Behavioral Biology)
Prof. Masakazu Konishi
Professor, California Institute of Technology,
U.S.A.
- 1991 (Functional Biology of Plants)
Dr. Marshall Davidson Hatch
Chief Research Scientist, CSIRO, Australia
- 1992 (Comparative Physiology and Biochemistry)
Prof. Knut Schmidt-Nielsen
James B. Duke Professor, Duke University,
U.S.A.
- 1993 (Ecology)
Prof. Edward Osborne Wilson
Professor, Harvard University, U.S.A.
- 1994 (Systematic Biology and Taxonomy)
Prof. Ernst Mayr
Professor Emeritus, Harvard University, U.S.A.

- 1995 (Cell Biology)
Prof. Ian Read Gibbons
Kewalo Marine Laboratory, University of
Hawaii, U.S.A.
- 1996 (Biology of Reproduction)
Prof. Ryuzo Yanagimachi
Medical School, University of Hawaii, U.S.A.
- 1997 (Plant Science)
Prof. Elliot Martin Meyerowitz
California Institute of Technology, U.S.A.
- 1998 (The Biology of Biodiversity)
Prof. Otto Thomas Solbrig
Professor, Harvard University, U.S.A.
- 1999 (Animal Physiology)
Dr. Setsuro Ebashi
Professor Emeritus, University of Tokyo, Japan
- 2000 (Developmental Biology)
Prof. Seymour Benzer
Professor, California Institute of Technology,
U.S.A.
- 2001 (Paleontology)
Dr. Harry B. Whittington
Professor Emeritus, University of Cambridge,
U.K.
- 2002 (Biology of Evolution)
Dr. Masatoshi Nei
Professor, Pennsylvania State University, U.S.A.
- 2003 (Cell Biology)
Dr. Shinya Inoué
Distinguished Scientist, Marine Biological
Laboratory, Woods Hole, U.S.A.
- 2004 (Systematic Biology and Taxonomy)
Prof. Thomas Cavalier-Smith
Professor, University of Oxford, U.K.
- 2005 (Structural Biology in Fine Structure,
Morphology and Morphogenesis)
Prof. Nam-Hai Chua
Professor, The Rockefeller University, U.S.A.

- 2006 (Chronobiology)
Dr. Serge Daan
Professor, University of Groningen, The Netherlands
- 2007 (Genetics)
Dr. David Swenson Hogness
Professor Emeritus, Stanford University, U.S.A.
- 2008 (Ecology)
Dr. George David Tilman
Regents' Professor, University of Minnesota, U.S.A.
- 2009 (Biology of Sensing)
Dr. Winslow Russell Briggs
Director Emeritus, Carnegie Institution of Washington U.S.A.
- 2010 (Biology of Symbiosis)
Dr. Nancy Ann Moran
Professor, Yale University, U.S.A.
- 2011 (Developmental Biology)
Dr. Eric Harris Davidson
Professor, California Institute of Technology, U.S.A.
- 2012 (Neurobiology)
Dr. Joseph Altman
Professor Emeritus, Purdue University, U.S.A.
- 2013 (Biology of Evolution)
Dr. Joseph Felsenstein
Professor, University of Washington, U.S.A
- 2014 (Systematic Biology and Taxonomy)
Prof. Sir Peter Crane FRS
Professor, Yale University, U.S.A.
- 2015 (Cell Biology)
Dr. Yoshinori Ohsumi
Honorary Professor, Tokyo Institute of Technology, Japan

Committee on the International Prize for Biology

(as of January, 2016)

Sugimura, Takashi (Chair)

President, The Japan Academy

Toyoshima, Kumao

Adviser, Riken SNP Research Center

Sakakibara, Sadayuki

Chair, Japan Business Federation

Fukuda, Hiroo

Professor, Graduate School of Science, The University
of Tokyo

Agata, Kiyokazu

Professor, Graduate School of Science, Kyoto
University

Anzai, Yuichiro

President, Japan Society for the Promotion of Science

Aoki, Kiyoshi

Director, Sophia University Institute of Bioethics

Asashima, Makoto

Academic Advisor, Japan Society for the Promotion of
Science

Fujiyoshi, Yoshinori

Specially Appointed Professor, Cellular and Structural
Physiological Institute, Nagoya University

Hayashi, Yoshihiro

Director General, the National Museum of Nature and
Science

Hoshi, Motonori

Administrative Director, Earth-Life Science Institute,
Tokyo Institute of Technology

Ike, Fumihiko

Chair, Japan Automobile Manufacturers Association,
Inc.

Inoue, Hiroshi

President, National Association of Commercial
Broadcasters in Japan

Iwatsuki, Kunio

Professor Emeritus, The University of Tokyo

Kawanabe, Hiroya

Professor Emeritus, Kyoto University

Kimura, Yasushi

President, Petroleum Association of Japan

Kobayashi, Eizo

Chair, Japan Foreign Trade Council, Inc.

Mawatari, Shunsuke

Professor Emeritus, Hokkaido University

Mohri, Hideo

Professor Emeritus, The University of Tokyo

Momii, Masato

President, Japan Broadcasting Corporation

Nagahama, Yoshitaka

Professor, Institution for Collaborative Relations,
Ehime University

Nakamura, Mitsuyoshi

President, Japan Federation of Construction
Contractors

Satoh, Noriyuki

Professor, Okinawa Institute of Science and
Technology Graduate University

Shimura, Yoshiro

Professor Emeritus, Kyoto University

Shiraishi, Kojiro

Chair, The Japan Newspaper Publishers and Editors
Association

Takeda, Hiroyuki

President, Zoological Society of Japan

Tobe, Hiroshi

President, Botanical Society of Japan

Tsuda, Junji

Chair, The Japan Electrical Manufacturers'
Association

Tsutsui, Yoshinobu

Chair, the Life Insurance Association of Japan

Wada, Masamitsu

Professor Emeritus, Tokyo Metropolitan University

Yagi, Makoto

Chair, the Federation of Electric Power Companies