



Professor Makoto Asashima

Foreign Member of the Lithuanian Academy of Sciences since 2017

Makoto Asashima is a Japanese developmental biologist known for his pioneer research on Activin. He is Professor Emeritus of the University of Tokyo and Yokohama City University. He is also Vice President of the Tokyo University of Science.

Professor M. Asashima was born in Sado, Niigata, Japan in 06 09 1944.

Education

Graduated from Tokyo University for Education in March, 1967

Finished the graduate courses at the University of Tokyo

Master of Science from the University of Tokyo in March 1969

Doctor of Science from the University of Tokyo in March 1972(Ph.D.)

Professional career

Research Assistant of Institute of Molecular biology, Free University of Berlin (Germany)
(Apr.1972-Sep.1974)

Associate Professor of Yokohama City University, Faculty of Arts and Sciences (Oct.1974-Dec.1985)

Professor at Yokohama City University, Faculty of Arts and Sciences (Jan.1985-Mar.1993)

Professor at The University of Tokyo, Faculty of Arts and Sciences (Apr.1993-Mar.1995)

Professor at The University of Tokyo, Graduate School of Arts and Sciences (Apr.1995-Jan.2003)

Dean and Head at The University of Tokyo, Graduate School of Arts and Sciences (Feb.2003-2005)

Vice-President of Science Council of Japan (Oct.4,2005- Sep.2008)

Director of Life Sciences Network in the University of Tokyo (Oct.1,2005-Mar.31,2007)

Director of Center for Structuring Life Sciences in the University of Tokyo (Apr.1,2006-Mar.31,2007)

Director, Organ Development Research Laboratory in National Institute of Advanced Industrial Science and Technology(AIST) (Apr.1,2006-)

Managing Director, Executive Vice President, Visiting Professor in the University of Tokyo

(Apr. 1, 2007-Mar. 31, 2009)

Fellow, Organ Development Research Laboratory in National Institute of Advanced Industrial Science and Technology(AIST) (Apr. 1, 2009-Mar. 31, 2010)

Principal Fellow, Center for Research and Development Strategy, Japan Science and Technology Agency (JST) (July, 2009-)

Fellow and Director, Research Center for Stem Cell Engineering (SCRC), AIST (Apr. 1, 2010-)

Director of Life Science Center of Tsukuba Advanced Research Alliance (2010 –)

Japan Society for the Promotion of Science Executive Director (JSPS, 2011 –)

Academic activity

Japanese Society of Developmental Biology (President, 2003-2006)

Japanese Society of Zoological Science(President, 2003-2006)

Japanese Society of Cell Biology (Council)

Japanese Society of Space Biology (President, 2002-2006)

Japanese Society of Molecular Biology

International Society of Developmental Biologists (Academic council member)

Development Growth and Differentiation (Editor)

Cell Structure and Function (Editor)

Int. J. Developmental Biology (Associate editor)

The Japanese Society for Regenerative Medicine(Director)

The Japanese Society of Inflammation and Regeneration(honorary member)

Books

Development and its Mechanism (Idemitsu Press, in 1983)

Modern biology (Riko-Gakusha, in 1988)

Developmental biology (Asakura-Press, in 1996)

Mechanism of Developmental Biology (Iwanami-Press, in 1998)

Fundamental of Molecular biology (Shokabo-Press, in 2000)

Other 20 books, over 399 original papers.

Professional

Developmental Biology, Cell Biology, Zoological Science

1. Mechanism of early development of vertebrate using from experimental biology to molecular biology
2. Control of Organogenesis in vitro
3. Molecular biology of cell differentiation and embryonic development
4. Cloning and analysis of organ specific genes and early embryonic development
5. Organogenesis and regenerative medicine
6. Space Biology in Life Science

Prizes

1. Prize of Japanese Society of Zoological Science in 1990
2. Prize of Inoue Academic Foundation (with gold medal) in 1990
3. Prize of Kihara Memorial Academic Foundation (Silver Flower design with gold frame) in 1994

4. Siebold Prize (Germany; President Weiszeker) in 1994
5. Toray Science Prize (with gold medal) in 1999
6. Mochida Medical Science Prize (with gold medal) in 1999
7. Naito Memorial Science Prize (with gold medal) in 2000
8. Prize of Japanese Society of Bioindustry in 2000
9. Uehara Prize (with gold medal) in 2000
10. Imperial Prizes and Japan Academy (with silver pot) from Society of Japan Academy in 2001
11. Purple Ribbon Prize (Academic field called as Shiji-hosho) from the Japanese Government in 2001
12. The prince Hitachi Prize for comparative oncology (with special medal) in 2002
13. Erwin-Stein-Preises (Germany: Erwin-Stein-Stiftung) in 2008
14. Award of Bunka Koro Sha (cultural contributor) from Ministry of Education, Culture, Sports, Science and Technology in 2008
15. Achievement Prize for Regeneration Medicine (2013)

The information is based on a personal file.

Photo – <http://www.jst.go.jp/ips-trend/en/column/interview/06/no02.html>

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