

Tamotsu YOSHIMORICurriculum Vitae

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Birth

1958. 9. 3 at Osaka, Japan

Work Address

Department of Genetics, Graduate School of Medicine, Osaka University

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- 1977-1981 Undergraduate Student in Department of Biology, Faculty of Science, Osaka University, Japan
- 1981-1986 Graduate Student in Institute for Molecular and Cellular Biology, Osaka University, Japan, with Prof. Yoshio Okada
- 1986-1996 Assistant Professor in Department of Physiology, Kansai Medical University, Japan, with Prof. Yutaka Tashiro
- 1989 Ph.D. in Medical Science from Osaka University, Japan
- 1993-1995 Postdoctoral Fellow in the Cell Biology Program, European Molecular Biology Laboratory, Heidelberg, Germany, with Prof. Kai Simons
- 1996-2002 Associate Professor in Department of Cell Biology, National Institute for Basic Biology, Okazaki, Japan, with Prof. Yoshinori Ohsumi
- 1999-2002 Associate Professor (concurrently) in Department of Molecular Biomechanics, School of Life Science, The Graduate University for Advanced Studies, Japan
- 2002-2006 Full Professor in Department of Cell Genetics, National Institute of Genetics, Mishima, Japan
- 2002-2006 Full Professor in Department of Genetics, School of Life Science, The Graduate University for Advanced Studies, Japan
- 2002-2008 Group Leader in CREST (Core Research for Evolutional Science and Technology) Program, Japan Science and Technology Agency, Japan

- 2006-2010 Full Professor in Department of Cellular Regulation, Research Institute for Microbial Diseases, Osaka University, Osaka, Japan
- 2008-2012 Area Leader in Grant-in-Aid for Scientific Research on Innovative Areas (Team-based research) “Intracellular Logistics: Interdisciplinary approaches to pathophysiology of membrane traffic”
- 2010-present Full Professor in Laboratory of Intracellular Membrane Dynamics, Graduate School of Frontier Biosciences, and in Department of Genetics, Graduate School of Medicine (concurrently), Osaka University, Osaka, Japan
- 2012-2017 Group Leader in CREST (Core Research for Evolutional Science and Technology) Program, Japan Science and Technology Agency, Japan
- 2014-present Distinguished Professor of Osaka University, Osaka, Japan
- 2016-present Director of Research Center for Autophagy, Osaka University, Osaka, Japan

Award

Human Frontier Science Program Long Term Fellowship 1993-1995
 Osaka University Presidential Award for Achievement 2012
 Roche Distinguished Lecturer 2012
 Prize for Science and Technology, The Commendation for Science and Technology by the Minister of Education, Culture, Sports, Science and Technology 2013
 Osaka University Presidential Award for Achievement 2013
 Kakiuchi Saburo Memorial Prize by the Japanese Biochemical Society 2014
 Highly Cited Researchers 2014 by Thomson Reuters
 Osaka University Presidential Award for Achievement 2014
 Osaka University Presidential Award for Achievement 2015
 Highly Cited Researchers 2015 by Thomson Reuters
 Uehara Prize 2015

Professional Society

A president of The Japan Society for Cell Biology (2016-2018)
 A member, Standing director (2016-) of The Japanese Biochemical Society
 A member of The Molecular Biology Society of Japan
 A member of The American Society for Cell Biology

Journal Editorial Board

An editor of Journal of Cell Science (2013-)
 A member of editorial board of Journal of Cell Biology(2010-)
 An associate editor of Molecular Biology of the Cell (2010-)
 A member of editorial board of Cellular Microbiology (2010-)

An associate editor of Cell Structure and Function (2003-)

Manuscript Reviews

Invited referee for scientific journals including: Nature, Science, Cell, Nat. Cell Biol., Mol. Cell, Immunity, J. Cell Biol., Proc. Natl. Acad. Sci. USA, Nat. Struct. Mol. Biol., Nat. Nanotec., J. Exp. Med., J. Clin. Invest., EMBO J., PLoS Pathogens, Hum. Mol. Genet., Cell Death Differ., Cell Host Microbe, EMBO rep., Mol. Biol. Cell., J. Cell Sci., J. Biol. Chem., Cell Microbiol., Traffic, Autophagy, J. Immunol., PLoS One, and so on.

Grant Reviews

Invited referee for Ministry of Education, Culture, Sports, Science and Technology operating grant review committees (2003, 2004-2005, 2006-2007, 2006-2008), invited referee for Austrian Science Fund (2010), invited referee for European Research Council, invited referee for Wellcome trust.

Research Funding (last 10 years)

1. Japan Society for the Promotion of Science, A3 Foresight Program "The molecular mechanism of Xenophagy and Endophagy." 41,000,000JPY. 2015-2020
2. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-Aid for Scientific Research(A) "Study of molecular mechanisms of autophagic suppression of neurodegeneration and development of its therapy. 30,400,000JPY. 2014-2018
3. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-Aid for Scientific Research on Innovative Areas (Team-based research) "Multidisciplinary research on autophagy: from molecular mechanisms to disease states" in the autophagy group. 137,100,000 JPY. 2013-2017.
4. Japan Agency for Medical Research and Development, Advanced Research & Development Programs for Medical Innovation (AMED-CREST) "Study of Autophagy toward Development of Therapy for Disorders Caused by Hyper-nutrition" 150,300,000 JPY. 2012-2018.
5. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-Aid for Scientific Research on Innovative Areas (Team-based research) "Intracellular Logistics: Interdisciplinary approaches to pathophysiology of membrane traffic" in the Membrane Traffic Group. 176,900,000 JPY. 2008-2012.
6. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-aid for scientific research (A) "Molecular basis of the survival strategy via autophagy" 38,500,000 JPY. 2007-2010.

7. The Naitou Foundation, Grant-in-aid for scientific research “Defense by an intracellular self-degradation system, autophagy” 1,000,000 JPY. 2007.
8. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-aid for scientific research (B) “Analysis of autophagy against invasive pathogens” 14,700,000 JPY. 2005-2006.
9. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-Aid for Scientific Research on Priority Areas (Team-based research) “Molecular machinery and functions of the lysosomal transport network” in the Membrane Traffic Group. 50,300,000 JPY. 2003-2008.
10. Ministry of Education, Culture, Sports, Science and Technology, Grant-in-Aid for Scientific Research on Priority Areas (Team-based research) “Molecular machinery and roles of an intracellular protein degradation system, autophagy” in the Life of Protein Group. 7,200,000 JPY. 2003-2005.
11. The Uehara Memorial Foundation, Grant-in-aid for scientific research “Analysis of physiological functions of an intracellular bulk degradation system, autophagy” 5,000,000 JPY. 2002.
12. Japan Science and Technology Agency, Core Research for Evolutional Science and Technology (CREST) “Intracellular traffic system organized by proteins and membranes” 321,520,000 JPY. 2002-2008.

Organizer of the Symposiums and events

1. Symposium in the 37th annual meeting of Biochemistry and Molecular Biology “Inside Cells, Membranes Move, Fission, and Fuse to Maintain Life”, Yokohama, Japan (2014.11.25-27)
2. CREST Symposium “Imaging the inner life of cells”, Osaka, Japan (2014.11.21)
3. 2014 Cold Spring Harbor Conferences Asia on Protein Modification & Homeostasis, Suzhou, China (2014.6.16-20)
4. The Gordon Research Conference on Autophagy in Stress, Development & Disease, Lucca (Barga), Italy (2014.3.16-21)
5. The 6th International Symposium on Autophagy (ISA) 2012 “Autophagy: molecular mechanism, cellular and physiological functions, and disease”, Okinawa, Japan (2012.10.28-11.1)
6. The 30th Sapporo International Cancer Symposium 2010 “Membrane Traffic and Cancer”, Sapporo, Japan (2010.6.28-29)

7. Symposium in the 32th annual meeting of Biochemistry and Molecular Biology “Autophagy and the Proteasome: Intracellular Proteolysis Saves Life”, Yokohama, Japan (2009.12.10)
8. Symposium in the 78th annual meeting of the Japanese Biochemical Society “Autophagy unveiled defense and survival by self-eating”, Kobe, Japan (2005.10.19-22)
9. Symposium in the 57th annual meeting of the Japan Society for Cell Biology “Sorting and Selection in Membrane Trafficking”, Osaka, Japan (2004.5.26-28)
10. International Symposium on Proteins involved in the membrane traffic via endosome and autophagosome in mammalian, Okazaki, Japan (1999)
11. International Symposium in the National Institute for Basic Biology “Dynamic aspects of lysosomal/vacuolar system”, Okazaki, Aichi, Japan (1997)

I also organized 21 domestic (not international) scientific symposiums or meetings so far.