CURRICULUM VITAE (As of February 2026)

Name: Yukiko Gotoh

Current positions:

Professor and Vice Dean,
Graduate School of Pharmaceutical Sciences,
The University of Tokyo

Principal Investigator and Deputy Director,
International Research Center for Neurointelligence (IRCN),
The University of Tokyo

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Short biography

Yukiko Gotoh studies neural stem/progenitor cells (NPCs) and their progeny to elucidate the mechanisms and principles underlying mammalian brain development and homeostasis. She received her PhD in 1992 from The University of Tokyo, where she contributed to identification of the mitogen-activated protein (MAP) kinase signaling pathway in vertebrates with Eisuke Nishida. She conducted her postdoctoral research with Jonathan A. Cooper at the Fred Hutchinson Cancer Research Center and with Michael E. Greenberg at Harvard Medical School before starting her own laboratory back at The University of Tokyo. Her group has revealed the time-dependent regulation of the neurogenic properties of NPCs during brain development, including mechanisms mediated by Polycomb group proteins, and identified the embryonic origin of adult subventricular neural stem cells. She has been awarded the Japan Society for the Promotion of Science Prize, the Japan Academy Medal, the Tsukahara Prize, the Inoue Prize for Science, the Yasuda Memorial Foundation Prize for Medicine, the Kihara Memorial Foundation Academic Award, the Takeda Prize for Medical Science, and the Medal with Purple Ribbon from the Government of Japan. She was elected as an EMBO Associate Member.

Education

1989 - 1992	Ph.D., Department of Biophysics & Biochemistry, Faculty of Science, The University of Tokyo. (Supervisors: Drs. Hikoichi Sakai and Eisuke Nishida) Thesis Title: Activation and Functions of MAP kinase.
1987 - 1989	M.S., Department of Biophysics & Biochemistry, Faculty of Science, The University of Tokyo (Supervisors: Drs. Hikoichi Sakai and Eisuke Nishida)
1983 - 1987	B.Sc., Faculty of Science, The University of Tokyo.

Scientific Employment

October 2017 - present	Principal Investigator, International Research Center for Neurointelligence, The University of Tokyo, Tokyo, Japan
October 2013 - present	Professor, Graduate School of Pharmaceutical Sciences, The University of Tokyo, Tokyo, Japan
April 2005 – September 2013	Professor, Institute of Molecular and Cellular Biosciences, The University of Tokyo, Tokyo, Japan
April 1998 – April 2005	Associate Professor, Institute of Molecular and Cellular Biosciences, The University of Tokyo, Tokyo, Japan
April 2003 - March 2006	Adjunct Professor, National Institute of Genetics, NIG, Mishima
April 2002 - March 2005	Adjunct Associate Professor, National Institute of Physiological Science, NIPS, Okazaki
May 1997 – February 1999	Visiting scientist, In Dr. Michael E. Greenberg's laboratory at Children's Hospital/Harvard Medical School, Boston, USA
October 1996 - April 1997	Visiting scientist, in Dr. Jonathan A. Cooper's laboratory at Fred Hutchinson Cancer Research Center, Seattle, USA
July 1993 - March 1998	Research Associate/ Assistant Professor, in Dr. Eisuke Nishida's laboratory at Institute for Virus Research, Kyoto University, Kyoto, Japan
April 1992 - June 1993	Post-doctoral fellow, in Dr. Eisuke Nishida's laboratory at the University of Tokyo, Tokyo, Japan

Scientific Awards

- 22nd Kihara Memorial Foundation Academic Award
- 30th Inoue Prize for Science
- Prize for Medicine, Yasuda Memorial Foundation
- 24th Tsukahara Prize
- 6th Japan Academy Medal
- 6th JSPS PRIZE, Japan Society for the Promotion of Science
- Incitement Award of the Japanese Cancer Association
- Incitement Award of Mitsubishi Chemical Corp., The Molecular Biology Society of Japan
- Medal with Purple Ribbon, Cabinet Office, Government of Japan
- 18th Samuro Kakiuchi Memorial Award, Gushinkai
- The Takeda Prize for Medical Science 2023

Current Advisory Board Member / Editorial Board member

Neuron, Advisory Board Member

Journal of Cell Biology, Editorial Board member

Development, Advisory Board Member

The EMBO Journal, Advisory Editorial Board Member

Molecular Psychiatry, Editorial Board member

Life Science Alliance, Advisory Editorial Board Member

Stem Cell Reports, Editorial Board member

Frontiers in Neuroscience (Neurogenesis), Associate Editor

Genes to Cells, Associate Editor

Selected Contributions to the Scientific Society

- **EMBO Associate Member**
- **The Science Council of Japan,** Member
- **The Japanese Society for Molecular Biology**, Vice President
- **The Union of Japanese Societies for Biological Science**, Vice Representative
- **The Declaration on Research Assessment (DORA)**, Advisory Board Member

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Selected Presentations (Invited) 2016-2025

- Francis Crick Symposium in Neuroscience: Development, Plasticity and Function of Neural Circuits, Cold Spring Harbor Asia, 2025/9/8-12, Suzhou, China
- UTokyo IRCN Symposium, 2025/8/28, Boston, USA
- Gordon Research Conference, Genome Architecture in Cell Fate and Disease, 2025/6/15-20, Ventura, USA
- Neurogenomics Conference, Human Technopole, 2025/5/19-21, Milan, Italy
- EMBO Workshop, Developmental timing across species: From mechanisms to evolutionary insights, 2025/5/6-9, Paris, France
- Cell Bio 2024, Cell Biology Across Continents, 2024/12/15-17, San Diego, USA
- EMBO Workshop, Molecular mechanisms of developmental and regenerative biology, 2024/11/6-8, Kobe, Japan
- US-Japan synaptic plasticity meeting – Synaptic Basis of Cognition, 2024/11/4-6, USA
- SEMMinar series 2024, Human Technopole, 2024/10/18, Milan, Italy
- NEURO2024, 2024/7/24-27, Fukuoka, Japan (Special Lecture)
- Cold Spring Harbor Asia: Chromatin, Epigenetics & Transcription, 2024/5/13-17, Suzhou, China
- The 101st Annual Meeting of The Physiological Society of Japan, 2024/3/28-30, Kitakyushu, Japan (Special lecture)
- The 97th Annual Meeting of the Japanese Pharmacological Society, 2023/12/14-16, Kobe, Japan (Special lecture)
- The 30th Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB), 2023/11/22-25, Bangkok, Thailand (Plenary speaker)
- The 96th Annual Meeting of the Japanese Biochemical Society, 2023/10/31-11/2, Hakata, Japan (Special lecture)
- The 50th Naito Conference, Glia World- Glial Cells Governing Brain Functions-, 2023/10/10-13, Sapporo, Japan
- EMBO workshop, Gene regulatory mechanisms in neural fate decisions, 2023/9/7-10, Alicante, Spain (Co-organizer)
- The 16th Annual Meeting of Chinese Neuroscience Society &The 2nd CJK International Meeting, 2023/7/27-30, Shuhai, China (Plenary Lecture)
- International Society for Stem Cell Research 2023 Annual Meeting, 2023/6/14-17, Boston, USA (Plenary Speaker)
- 3rd Neuroepigenetics & Neuroepitranscriptomics Conference, 2023/4/28-5/1, Riviera Maya, Mexico (Plenary Speaker)
- EMBL Symposium, Brain genome: regulation, evolution, and function, 2023/4/25-28, Heidelberg, Germany
- International Symposium on Neural Development and Diseases, 2023/3/15-17, Kyoto, Japan
- OIST workshop, Nervous System Assembly, 2023/3/6-9, Okinawa, Japan
- The 21st Takeda Science Foundation Symposium on Bioscience, Towards Understanding Human Development and Evolution, 2023/1/27-28, Osaka, Japan (Co-organizer)
- Anne McLaren Lecture, University of Oxford, 2022/11/1
- The 14th International Congress of Cell Biology & the 9th Asian Pacific Organization for Cell Biology, 2022/11-7-11, Taipei, Taiwan

- The 1st Fujita International Symposium on Brain Science, 2022/11/19-20, Nagoya, Japan
- UTokyo New York Office Event Series, 2022/10/19, NYC, USA
- NeuroZoom 2022/8/22, Virtual
- Gordon Research Conference, Neural Development, 2022/8/7-12, USA
- RIKEN CBS Summer Program 2022, 2022/7/4-8, Japan
- The 24th Biennial Meeting of the International Society for Developmental Neuroscience (ISDN), 2022/5/7-10, Vancouver, Canada
- EMBO Workshop, Molecular mechanisms of developmental and regenerative biology, 2022/4/26-29, Virtual
- The 74th Annual Meeting of the Japan Society for Cell Biology (JSCB) (Plenary lecture), 2022/6/28-30, Funabori, Japan
- ASHBi Symposium 2022, The International Symposium on Development and Plasticity of Neural Systems, 2022/3/14-17, Virtual
- Lecture Series, Centre for Developmental Neurobiology, King's College London, 2022/2/10
- The international Society for Stem Cell Research (ISSCR) 2021/10/27-29, Tokyo, Japan. (Co-organizer)
- The Uehara International Symposium, 2021/6/7-9, Japan (Co-organizer)
- The 2nd Neuroepigenetics & Neuroepitranscriptomics conference, 2020/3/3-6 Nassau, Bahamas
- The Hospital for Sick Children symposium 2019/11/14, Toronto, Canada.
- The Notch Meeting XI, 2019/10/6-10, Athens, Greece
- The International Brain Research Organization IBRO 2019 (Keynote speaker), 2019/9/21-25, Daegu, Korea
- Current Trends and Future Directions of Synapse-Circuit Plasticity Research 2019, 2019/9/3-6, Sizuoka, Japan
- NCCR-IRCN "22q" Workshop, 2019/7/6, Tokyo, Japan
- Center for Regenerative Therapies TU Dresden (CRTD) Summer Conference, 2019/6/28, Dresden, Germany
- The 13th Annual Meeting of the Japanese Society for Epigenetics 2019/5/28-29, Kanagawa, Japan
- 2nd Neurogenesis Conference (Life Science Alliance Journal Lecture) 2019/3/6, Nassau, Bahamas
- 2nd IRCN International Symposium, 2018/12/17, Tokyo, Japan
- Neuroscience Program of Academia Sinica (NPAS) Seminar, 2018/12/5, Neuroscience Program of Academia Sinica (NPAS), Taipei, Taiwan
- National Chung Kung University （NCKU） Seminar, 2018/12/6, National Chung Kung University （NCKU）, Tainan, Taiwan
- Japan-Asia-NIBR Drug Discovery and Translational Medicine Symposium, 2018/10/22, Tokyo, Japan
- Vienna BioCenter (VBC) Seminar, 2018/9/27, Vienna, Austria
- The Joint Congress of the 40th Annual Meeting of Japanese Society of Biological Psychiatry and the 61st Annual Meeting of the Japanese Society for Neurochemistry, 2018/9/6-8, Kobe, Japan
- Stem Cell Dynamics Throughout Life: From Development to the Adult, 2018/8/30, Basel, Switzerland
- International Society for Stem Cell Research (ISSCR) 2018 Annual Meeting, 2018/6/20-23, Melbourne, Australia
- The Company of Biologists Workshop: Development and evolution of the human neocortex, 2018/6/10-13, West Sussex, UK
- International Society for Developmental Neuroscience (ISDN) 2018, 2018/5/22-25, Nara, Japan
- Cold Spring Harbor (CSH) Asia2018, Stem Cell Crossroads, 2018/5/7-10, Suzhou, China
- Bordeaux Cajal School 2018, 2018/4/3-21, Bordeaux Cedex, France
- Cell Symposia. 2017/11/13, Tokyo, Japan
- Keystone Symposia, Regenerative Biology and Applications, The University of Hong Kong, 2017/10/15-19, Hong Kong, China
- Italian Society for Neuroscience 2017 (Plenary lecture), 2017/10/1-4, Ischia, Italy
- EMBO Conference, Gene regulatory mechanisms in neural fate decisions, 2017/9/7-10, Alicante, Spain (Co-organizer)
- The Japan Neuroscience Society, Neuro2017 (Special lecture), 2017/7/20-23, Chiba, Japan
- XIII European Meeting on Glial Cells 2017 (Plenary lecture), 2017/7/8-11, Edingburgh, UK
- EMBO Conference, Advances in Stem Cell and Regenerative Medicine, 2017/5/23-26, Heiderberg, Germany
- Society for Neuroscience, Neuroscience 2016 (Special lecture), 2016/11/12-16, San Diego, USA
- EMBO workshop Neural Function and Cell Fate Choice, 2016/9/18-22, Kyllini, Greece

- Gordon Research Conference, Neural Development, 2016/7/31-8/5, Newport, USA
- Gordon Research Conference, Molecular & Cellular Neurobiology, 2016/6/12-17, HongKong, China
- 18th International Neuroscience Winter Conference, 2016/4/2-6, Innsbruck, Austria
- Neurogenesis, 2016/3/2-5, Cancun, Mexico

Publications

Kitanishi, Y., Sugishita, H., Gotoh, Y. and Hirata, Y.
Recurrence plot reconstruction reveals chromosomal reorganization before territory formation.
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Okazaki, T., Nozaki, K., Morimoto, N., Otobe, Y., Saito, R., Abe, S., Okajima, M., Yoshitane, H., Hatta, T., Iemura, S.I., Natsume, T., Kosako, H., Yamasaki, M., Inoue, S., Kondo, T., Koseki, H., Gotoh, Y.
Membrane topology inversion of GGCX mediates cytoplasmic carboxylation for antiviral defense.
Science doi: 10.1126/science.adk9967 389, 84-91, 2025.

Kujirai, T., Echigoya, K., Kishi, Y., Saeki, M., Ito, T., Kato, J., Negishi, L., Kimura, H., Masumoto, H., Takizawa, Y., Gotoh, Y.*, Kurumizaka, H.*
Structural basis of nucleosome binding by DEK that facilitates H3K27 trimethylation in chromatin.
Nat. Struct. Mol. Biol. doi: 10.1038/s41594-025-01493-w. 2025.

Sakai, S., Maeda, Y., Saeki, M., Konno, D., Kawaji, K., Matsuzaki, F., Suzuki, Y., Gotoh, Y*., Kishi, Y*.
In vivo transition in chromatin accessibility during differentiation of deep-layer excitatory neurons in the neocortex.
Development doi: 10.1242/dev.204564 2025.

Hirata Y, Sugishita H, Gotoh Y.
Reconstruction of 3D Chromosome Structure from Single-Cell Hi-C Data via Recurrence Plots.
Methods Mol Biol doi: 10.1007/978-1-0716-4136-1 2025.

Yano S, Asami N, Kishi Y, Takeda I, Kubotani H, Hattori Y, Kitazawa A, Hayashi K, Kubo KI, Saeki M, Maeda C, Hiraki C, Teruya RI, Taketomi T, Akiyama K, Okajima-Takahashi T, Sato B, Wake H, Gotoh Y, Nakajima K, Ichinohe T, Nagata T, Chiba T, Tsuruta F
Progagation of neuronal micronuclei regulates microglial characteristics.
Nat. Neurosci. doi: 10.1038/s41593-024-01863-5. 2025.

Wang Y, Wang Y, Iriki T, Hashimoto E, Inami M, Hashimoto S, Watanabe A, Takano H, Motosugi R, Hirayama S, Sugishita H, Gotoh Y, Yao R, Hamazaki J, Murata S.
The DYT6 dystonia causative protein THAP1 is responsible for proteasome activity via PSMB5 transcriptional regulation.
Nat. Commun. doi: 10.1038/s41467-025-56867-x 2025.

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MAVS phosphorylation acts as a cellular stress sensor that modulates antiviral immunity.
iScience 28, 113256, doi: 10.1016/j.isci.2025.113256 2025

Bilgic, M., Obata, R., Panfil, V.I., Zhu, Z., Saeki, M., Gotoh, Y. and Kishi, Y.
Age-associated transcriptomic and epigenetic alterations in mouse hippocampus.
Aging Cell 24, e70233.doi: 10.1111/acel.70233 2025.

Ishino, Y., Kishi, Y., Iwama, T., Kuwayama, N., Arai, H., Gotoh, Y., Aoki, J. and Kono, N.
LPLAT11/MBOAT7-driven phosphatidylinositol remodeling ensures radial glial cell integrity in developing neocortex.
iScience 29, 114248, doi: 10.1016/j.isci.2025.114248 2025.

Shi, T.H., Sugishita, H. and Gotoh, Y.

Crosstalk within and beyond the Polycomb Repressive system.
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Kuwayama, N., Kujirai, T., Kishi, Y., Hirano, R., Echigoya, K., Fang, L., Watanabe, S., Nakao, M., Suzuki, Y., Ishiguro, KI., Kurumizaka, H. and Gotoh, Y.
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Frey, T., Murakami, T., Maki, K., Kawaue, T., Tani, N., Sugai, A., Nakazawa, N., Ishiguro, KI, Adachi, T., Kengaku, M., Ohki, K., Gotoh, Y. and Kishi., K.
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Fang, L., Kuniya, T., Harada, Y., Yasuda, O., Maeda, N., Suzuki, Y., Kawaguchi, D. and Gotoh, Y.
TIMP3 promotes the maintenance of neural stem-progenitor cells in the mouse subventricular zone.F
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Hirata, Y., Kitanishi, Y., Sugishita, H. and Gotoh, Y.
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Harada, Y., Yamada, M., Imayoshi, I., Kageyama, R., Suzuki, Y., Kuniya, T., Furutachi, S., Kawaguchi, D. and Gotoh, Y.
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Yuizumi, N., Harada Y., Kuniya T., Sunabori T., Koike M., Wakabayashi M., Ishihama Y., Suzuki Y., Kawaguchi D. and Gotoh Y.
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Omiya, H., Yamaguchi, S., Watanabe, T., Kuniya, T., Harada, Y., Kawaguchi, D. and Gotoh, Y.
BMP signaling suppresses Gemc1 expression and ependymal differentiation of mouse telencephalic progenitors.
Sci. Rep. 11, 613, 2021.

Tsuboi, M. and Gotoh, Y.
Analysis of histone modifications in mouse neocortical neural progenitor-stem cells at various developmental stages.
STAR Protoc. 2, 100763, 2021.

Kishi, Y. and Gotoh, Y.
Isolation of genetically manimulated neural progenitors and immature neurons from embryonic mouse neocortex by FACS.
STAR Protoc. 2, 100540, 2021.

Utsunomiya, S., Kishi, Y., Tsuboi, M., Kawaguchi, D., Gotoh, Y., Abe, M., Sakimura, K., Maeda, K. and Takemoto, H.
Ezh1 regulates expression of Cpg15/Neuritin in mouse cortical neurons.
Drug Discov. Ther. 15, 55-65, 2021.

Eto, H., Kishi, Y., Yakushiji-Kaminatsu, N., Sugishita, H., Utsunomiya, S., Koseki, H. and Gotoh, Y.
The Polycomb group protein Ring1 regulates dorsoventral patterning of the mouse telencephalon.
Nat. Commun. 11, 5709, 2020.

Aoyama-Ishiwatari, S., Okazaki, T., Iemura, S., Natsume, T., Okada, Y. and Gotoh, Y.

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J. Immunol. 206, 2020.

Nagahama, K., Sakoori, K., Watanabe, T., Kishi, Y., Kawaji, K., Koebis, M., Nakao, K., Gotoh, Y., Aiba, A., Uesaka, N. and Kano, M.
Setd1a insufficiency in mice attenuates excitatory synaptic function and recapitulates Schizophrenia-related behavioral abnormalities.
Cell Rep. 32 (11):108126, 2020.

Imaizumi, Y., Furutachi, S., Watanabe, T., Miya, H., Kawaguchi, D. and Gotoh, Y.
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Sci. Rep. doi: 10.1038/s41598-020-58629-9, 2020.

Tsuboi, M. and Gotoh, Y.
Endfoot regrowth for neural stem cell renewal.
Nat. Cell Biol. 22, 3-5, 2020. news & views.

Sakai, H., Fujii, Y., Kuwayama, N., Kawaji, K., Gotoh, Y. and Kishi, Y.
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Genes Cells. 24, 650-666, 2019.

Kawaguchi, D. and Gotoh, Y.
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J. Cell Biol. 218, 2442-2443, 2019. Spotlight.

Tsuboi, M., Hirabayashi, Y. and Gotoh, Y.
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Tanaka, H., Okazaki, T., Aoyama, S., Yokota, M., Koike, M., Okada, Y., Fujiki, Y. and Gotoh, Y.
Peroxisomes control mitochondrial dynamics and the mitochondrion-dependent pathway of apoptosis.
J. Cell Sci. 2019, doi: 10.1242/jcs.224766.

Tsuboi, M., Kishi, Y., Kyozuka, W., Koseki, H., Hirabayashi, Y. and Gotoh, Y.
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Kishi, Y. and Gotoh, Y.
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Okazaki, T. and Gotoh, Y.
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Lanjakornsiripan, D., Pior, BJ., Kawaguchi, D., Furutachi, S., Tahara, T., Katsuyama, Y., Suzuki, Y., Fukazawa, F. and Gotoh, Y.
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Kawai, H., Kawaguchi, D., Kuebrich, BD., Kitamoto. T., Yamaguchi. M., Gotoh. Y., and Furutachi. S.
Area-Specific Regulation of Quiescent Neural Stem Cells by Notch3 in the Adult Mouse Subependymal Zone
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Itoh, Y., Higuchi, M., Oishi, K.,Kishi, Y., Okazaki, T., Sakai, H., Miyata, T., Nakajima, K., Gotoh, Y.
The PDK1-Akt Pathway Regulates Radial Neuronal Migration and Microtubules in the Developing Mouse Neocortex
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Furutachi, S., Miya, H., Watanabe, T., Kawai, H., Yamasaki, N., Harada, Y., Imayoshi, I., Nelson, M., Nakayama, KI., Hirabayashi, Y., and Gotoh, Y.
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Okazaki, T., Higuchi, M., Takeda, K., Iwatuki-Horimoto, K., Kiso, M., Miyagishi, M., Yanai, H., Kato, A., Yoneyama, M., Fujita, T., Taniguchi, T., Kawaoka, Y., Ichijo, H. and Gotoh, Y.
The ASK family kinases differentially mediate induction of type I interferon and apoptosis during the antiviral response.
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Up-regulation of HP1g expression during neuronal maturation promotes axonal and dendritic development in mouse embryonic neocortex.
Genes Cells 20, 108-120, 2015.

Morimoto-Suzki, N., Hirabayashi, Y., Tyssowski, K., Singa, J., Vidal, M., Koseki, H. and Gotoh, Y.
The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development.
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Nagao, M., Lanjakornsiripan, D., Itoh, Y., Kishi, Y., Ogata, T. and Gotoh, Y.
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Stem Cells 32, 2983-2997, 2014.

Kuwahara, A., Sakai, H., Xu, Y., Itoh, Y., Hirabayashi, Y. and Gotoh, Y.
Tcf3 represses Wnt-□□catenin signaling and maintains neural stem cell population during neocortical development.
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Tyssowski, K., Kishi, Y. and Gotoh, Y.
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Neuroscience 264, 4-16, 2014 doi:10.1016/j.neuroscience 2013.10.008, 2013.

Itoh, Y., Tyssowski, K. and Gotoh, Y.
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Okazaki, T., Higuchi, M. and Gotoh, Y.
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Genes Cells 18, 493-501, 2013.

Kawaguchi, D., Furutachi, S., Kawai, H., Hozumi, K. and Gotoh, Y.
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Furutachi, S., Matsumoto, A., Nakayama, K.I. and Gotoh, Y.

p57 controls adult neural stem cell quiescence and modulates the pace of lifelong neurogenesis.
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Itoh, Y., Moriyama, Y., Hasegawa, T., Endo, T.A., Toyoda, T. and Gotoh, Y.
Scratch regulates neuronal migration onset via an epithelial-mesenchymal transition-like mechanims.
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Kishi, Y., Fujii, Y., Hirabayashi, Y. and Gotoh, Y.
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Onoguchi, M., Hirabayashi, Y., Koseki, H. and Gotoh, Y.
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Proc. Natl. Acad. Sci. U.S.A. 109, 16939-16944, 2012.

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Cell Struct. Funct. 37, 101-110, 2012.

Watatani, K., Hirabayashi, Y., Itoh, Y. and Gotoh, Y.
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Genes Cells 17, 326-335, 2012.

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Nat. Neurosci. 15, 39-47, 2012.

Hirabayashi, Y. and Gotoh, Y.
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Hirabayashi, Y., Suzki, N., Tsuboi, M., Endo, T.A., Toyoda, T., Shinga, J., Koseki, H., Vidal, M. and Gotoh, Y.
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Public Research Grants

- AMED Multidisciplinary Frontier Brain and Neuroscience Discoveries 2025-2027
- JSPS KAKENHI Grant-in-Aid for Challenging Research (Exploratory) 2025-2026
- JSPS KAKENHI Grant-in-Aid for Scientific Research(S) 2025-2029
- JSPS KAKENHI Grant-in-Aid for Transformative Research Areas (A) 2024-2028
- JSPS KAKENHI Grant-in-Aid for Scientific Research(A) 2021-2023
- AMED/CREST Advanced Research and Development Programs for Medical Innovation “Early Life Stage”, 2019-2024
- JSPS KAKENHI Scientific Research on Innovative Areas “Interplay of developmental clock and extracellular environment in brain formation” 2016-2020
- JSPS KAKENHI Grant-in-Aid for Scientific Research(S) 2015-2019
- AMED/CREST Advanced Research and Development Programs for Medical Innovation “Homeostasis”, 2014-19
- JSPS KAKENHI Grant-in-Aid for Scientific Research(A) 2015
- CREST/ Basic Research Programs “Brain Neural Network”, 2012-2015
- JSPS KAKENHI Scientific Research on Innovative Areas “Neocortical organization” 2010-2014
- JSPS KAKENHI Grant-in-Aid for Scientific Research on Innovative Areas, 2010-2015
- JST-CREST/ ”Basic Research Programs”, 2009-2014
- JSPS KAKENHI Grant-in-Aid for Scientific Research(A) 2008-2010
- JSPS KAKENHI Grant-in-Aid for Scientific Research(A) 2006-2007
- JSPS KAKENHI Grant-in-Aid for Scientific Research on Priority Areas 2005-2009
- JSPS KAKENHI Grant-in-Aid for Scientific Research(B) 2004-2005
- JSPS Global COE Program "Integrative life science based on the study of biosignaling mechanisms" 2007-2011
- JST-SORST 2004-2006
- JSPS The 21st century COE program “Biological Signals” 2002-2006
- JSPS KAKENHI Grant-in-Aid for Young Scientists(A) 2002-2003
- JST-PRESTO 2001-2004
- JSPS KAKENHI Grant-in-Aid for Scientific Research(B) 2001-2002
- JSPS KAKENHI Grant-in-Aid for Scientific Research on Priority Areas 2000-2004
- JSPS KAKENHI Grant-in-Aid for Scientific Research(B) 1999-2000
- JSPS KAKENHI Grant-in-Aid for Scientific Research on Priority Areas(A)1999
- JST-PRESTO 1998-2001