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EDUCATION

2003. 3 – 2008. 8	Pohang University of Science and Technology (POSTECH), Korea Ph. D. in Developmental Genetics Thesis title: "The role of Mind bomb-1 in the developing brain" Advisor: Young-Yun Kong, Ph. D
1999. 3 – 2003. 2	Pohang University of Science and Technology (POSTECH), Korea B. S. in Biology (*summa cum laude*)

RESEARCH EXPERIENCE

2018.10 – present	Assistant Professor Department of Biological Sciences, Korea Advanced Institute of Science and Technology (KAIST), Korea
2017. 8 – 2018. 9	Research Associate Department of Neuroscience, Perelman School of Medicine, University of Pennsylvania (Mentors: Dr. Hongjun Song and Dr. Guo-li Ming)
2017. 1 – 2017. 7	Research Associate Institute of Cell Engineering, Department of Neurology, Johns Hopkins University (Mentors: Dr. Hongjun Song and Dr. Guo-li Ming)
2010. 1 – 2016. 12	Postdoctoral Fellow, Institute of Cell Engineering, Department of Neurology, Johns Hopkins University (Mentors: Dr. Hongjun Song and Dr. Guo-li Ming)
2008. 9. -2009. 12	Postdoctoral Fellow, Seoul National University, Korea (Mentor: Dr. Young-Yun Kong)

HONORS AND AWARDS

2021	POSCO Science Fellowship, POSCO TJ Park Foundation, Korea
2019	SUHF Young Investigator Fellowship, Suh Kyungbae Foundation, Korea
2017	AKN Postdoctoral Award, Association of Korean Neuroscientists
2015	NARSAD Young Investigator Award, Brain and Behavior Research Foundation
2015	Postdoctoral Fellowship, Maryland Stem Cell Research Foundation
2010	Long-term Postdoctoral Fellowship, Human Frontier Science Program
2010	Postdoctoral Fellowship, Maryland Stem Cell Research Foundation (Declined due to a conflict with HFSP fellowship)
2008	Excellent Thesis Award, Korean Society for Molecular and Cellular Biology
2008	The Best Doctoral Thesis Award, BK21 Division of Molecular and Life Sciences, Pohang University of Science and Technology, Korea

PUBLICATION

1. Jihoon G Yoon, Hyunsoo Jang, Seungbok Lee, Se Song Jang, Soojin Park, Jaeso Cho, Minji Kim, Jiye Han, Hyounji Yun, Man Jin Kim, Soo Yeon Kim, Woo Joong Kim, Anna Cho, Jin Sook Lee, Murim Choi, Alberto Fernandez-Jaen, Sebastian Silva, Reinaldo Uribe-San-Martín, Christian Cantillano, Noriko Miyake, Byung Chan Lim, Jung Min Ko, Ki Joong Kim, **Ki-Jun Yoon***, Jong-Hee Chae*. Contribution of rare coding variants to microcephaly in individuals with neurodevelopmental disorders. ***Genome Medicine*** 2025 Aug 6;17(1):86. (*co-corresponding authors)

2. Jihwan Yu, Juae Jin, Eury Kwon, Hyunsoo Jang, Sang-Kun Choi, Donggyun Kim, Chaemin Kim, Seungkyu Son, **Ki-Jun Yoon**, Won Do Heo. Programmable RNA acetylation with CRISPR-Cas13. ***Nature Chemical Biology*** 2025 Jun 2. (2025)

3. Seunghyun Kim, Youngsik Woo, Dahun Um, Inseop Chun, Su-Jin Noh, Hyeon Ah Ji, Namyoung Jung, Bon Seong Goo, Jin Yeong Yoo, Dong Jin Mun, Tran Diem Nghi, Truong Thi My Nhung, Seung Hyeon Han, Su Been Lee, Wonhyeok Lee, Jonghyeok Yun, Ki Hurn So, Dae-Kyum Kim, Hyunsoo Jang, Yeongjun Suh, Jong-Cheol Rah, Seung Tae Baek, **Ki-Jun Yoon**, Min-Sung Kim, Tae-Kyung Kim, Sang Ki Park. Perturbed cell fate decision by schizophrenia-associated AS3MT^{d2d3} isoform during corticogenesis. ***Science Advances*** 11(13):eadp8271 (2025)

4. Thomas M Klompstra, **Ki-Jun Yoon***, Bon-Kyoung Koo*. Evolution of organoid genetics. ***Eur J Cell*** Biol 104(2):151481 (2025) (*co-corresponding authors)

5. Jueun Sim, Chan E Park, In Cho, Kyeongbae Min, Minho Eom, Seungjae Han, Hyungju Jeon, Eun-Seo Cho, Yunjeong Lee, Young Hyun Yun, Sungho Lee, Deok-Hyeon Cheon, Jihyun Kim, Museong Kim, Hyun-Ju Cho, Ji-Won Park, Ajeet Kumar, Yosep Chong, Jeong Seuk Kang, Kiryl D Piatkevich, Erica E Jung, Du-Seock Kang, Seok-Kyu Kwon, Jinhyun Kim, **Ki-Jun Yoon**, Jeong-Soo Lee, Cheol-Hee Kim, Myunghwan Choi, Jin Woo Kim, Mi-Ryoung Song, Hyung Jin Choi, Edward S Boyden, Young-Gyu Yoon, Jae-Byum Chang. Nanoscale Resolution Imaging of Whole Mouse Embryos Using Expansion Microscopy. ***ACS Nano*** 19(8):7910-7927 (2025)

6. Jeha Jeon, Young Cha, Yean Ju Hong, In-Hee Lee, Heejin Jang, Sanghyeok Ko, Serhiy Naumenko, Minseon Kim, Hannah L Ryu, Zenith Shrestha, Nayeon Lee, Tae-Yoon Park, HoeWon Park, Seo-Hyun Kim, **Ki-Jun Yoon**, Bin Song, Jeffrey Schweitzer, Todd M Herrington, Sek Won Kong, Bob Carter, Pierre Leblanc , Kwang-Soo Kim. Pre-clinical safety and efficacy of human induced pluripotent stem cell-derived products for autologous cell therapy in Parkinson's disease. ***Cell Stem Cell*** 32(3):343-360 (2025)

7. Taehwan Kwak, Si-Hyung Park, Siyoung Lee, Yujeong Shin, **Ki-Jun Yoon**, Seung-Woo Cho, Jong-Chan Park, Seung-Ho Yang, Heeyeong Cho, Heh-In Im, Sun-Ju Ahn, Woong Sun, Ji Hun Yang. Guidelines for manufacturing and application of organoids: brain. ***International Journal of Stem Cells*** 17(2) 158 (2024)

8. Surjeet Mastwal, Xinjian Li, Rianne Stowell, Matthew Manion, Wenyu Zhang, Nam-Shik Kim, **Ki-Jun Yoon**, Hongjun Song, Guo-Li Ming, Kuan Hong Wang. Adolescent neurostimulation of dopamine circuit reverses genetic deficits in frontal cortex function. ***eLife*** 12:RP87414 (2023)

9. Sung-Min Lee, Bonsang Koo, Clément Carré, André Fischer, Chuan He, Ajeet Kumar, Kathy Liu, Kate D Meyer, Guo-li Ming, Junmin Peng, Jean-Yves Roignant, Erik Storkebaum, Shuying Sun, Davide De Pietri Tonelli, Yinsheng Wang, Yi-Lan Weng, Luigi Pulvirenti, Yanhong Shi*, **Ki-Jun Yoon***, Hongjun Song*. Exploring the brain epitranscriptome: perspectives from the NSAS summit. ***Frontiers in Neuroscience*** 17 1291446 (2023) (*co-corresponding authors)

10. Mi-Yeon Kim, Mi Jeong Kim, Changyeob Lee, Juwon Lee, Sang Seong Kim, Sungho Hong, Hyoung Tae Kim, Jinsoo Seo, **Ki-Jun Yoon***, Sungho Han*. Trametinib activates endogenous neurogenesis and recovers neuropathology in a model of Alzheimer's disease. ***Exp Mol Med*** 55 (10), 2177-2189 (2023) (*co-

corresponding authors)

11. Youkyeong Gloria Byun, Nam-Shik Kim, Gyuri Kim, Yi-Seon Jeon, Jong Bin Choi, Chan-Woo Park, Kyungdeok Kim, Hyunsoo Jang, Jinkyeong Kim, Eunjoon Kim, Yong-Mahn Han, **Ki-Jun Yoon**, Seung-Hee Lee, Won-Suk Chung. Stress induces behavioral abnormalities by increasing expression of phagocytic receptor MERTK in astrocytes to promote synapse phagocytosis. ***Immunity*** 56 (9), 2105-2120 (2023)
12. Feng Zhang, **Ki-Jun Yoon**, Nam-Shik Kim, Guo-li Ming, Hongjun Song. Cell-autonomous and non-cell-autonomous roles of NKCC1 in regulating neural stem cell quiescence in the hippocampal dentate gyrus. ***Stem Cell Reports*** 18(7) 1468-1481 (2023)
13. Feng Zhang, **Ki-Jun Yoon**, Daniel Y Zhang, Nam-Shik Kim, Guo-li Ming, Hongjun Song. Epitranscriptomic regulation of cortical neurogenesis via Mettl8-dependent mitochondrial tRNA m3C modification. ***Cell Stem*** Cell 30(3) 300-311 (2023)
14. **Yoon, K.J.** Voyages to map unexplored parts of the epitranscriptomic world. ***Exp Mol Med*** 54, 1599–1600 (2022).
15. **Yoon, K.J.***, Kim, Y.K*. Resolving m^6A epitranscriptome with stoichiometry. *Trends in Genetics* S0168-9525 (22) 00151-2 (Preview) (2022) (*co-corresponding authors)
16. Koo, B., Lee, K.H., Ming, G.L., **Yoon, K.J.***, Song, H*. Setting the clock of neural progenitor cells during mammalian corticogenesis. *Seminars in Cell and Developmental Biology* S1084-9521 (Review) (2022) (*co-corresponding authors)
17. Jang, H., Kim, S.H., Koh, Y., **Yoon, K.J**. Engineering Brain Organoids: Toward Mature Neural Circuitry with an Intact Cytoarchitecture. *International Journal of Stem Cells* 15 (1), 41-59 (2022)
18. Park, S., Ku, J., Lee, S.M., Hwang, H., Lee, N., Kim, H., **Yoon, K.J.**, Kim, Y., Choi, S.Q. Potential toxicity of inorganic ions in particulate matter: Ion permeation in lung and disruption of cell metabolism. *Science of the Total Environment* 824:153818 (2022)
19. Ringeling, F.R., Chakraborty, S., Vissers, C., Reiman, D., Patel, A.M., Lee, K.H., Hong, A., Park, C.W., Reska, T., Gagneur, J., Chang, H., Spletter, M.L., **Yoon, K.J.**, Ming, G.L., Song, H., Canzar, S. Partitioning RNAs by length improves transcriptome reconstruction from short-read RNA-seq data. *Nature Biotechnology* (2022)
20. Kim, N.S., Ringeling, F.R., Zhou, Y., Nguyen, H.N., Temme, S.J., Lin, Y.T., Eacker, S., Dawson, V.L., Dawson, T.M., Xiao, B., Hsu, K.S., Canzar, S, Li, W, Worley, P, Christian, K. M., **Yoon, K.J.***, Song, H., Ming, G.L*. CYFIP1 dosages exhibit divergent behavioral impact via diametric regulation of NMDAR complex translation in mouse models of psychiatric disorders. *Biological Psychiatry* (2021) (*co-corresponding authors)
21. Kim, N.S., Wen, Z., Liu, J., Zhou, Y., Guo, Z., Xu, C., Lin, Y.T., **Yoon, K.J**., Park, J., Cho, M., Kim, M., Wang, X., Yu, H., Sakamuru, S., Christian, K.M., Hsu, K.S., Xia, M., Li, W., Ross, C.A., Margolis, R.L., Lu, X.Y., Song, H., Ming, G.L. Pharmacological rescue in patient iPSC and mouse models with a rare DISC1 mutation. *Nature Communication* 12 (1), 1398 (2021)
22. Song, G, Lee, E.M., Pan, J., Xu, M., Rho, H.S., Cheng, Y., Whitt, N., Yang, S., Kouznetsova, J., Klumpp-Thomas, C., Michael, S.G., Moore, C., **Yoon, K.J.**, Christian, K.M., Simeonov, A., Huang, W., Xia, M., Huang, R., Lal-Nag, M., Tang, H., Zheng, W., Qian, J., Song, H., Ming, G.L., Zhu, H. An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. Genomics Proteomics Bioinformatics (2021)
23. Lee, J., Park, J., Kim, J.H., Lee, G., Park, T.E., **Yoon, K.J.**, Kim, Y.K., Lim, C. LSM12-EPAC1 defines a neuroprotective pathway that sustains the nucleocytoplasmic RAN gradient. *PLoS Biology* 18 (12), eCollection (2020)
24. Park, C.W., Lee, S.M., **Yoon, K.J.** Epitranscriptomic regulation of transcriptome plasticity in development and diseases of the brain. *BMB Reports* 53 (11), 551-564 (Review) (2020)

25. Lee, J., **Yoon, K.J.**, Park, P., Lee, C., Kim, M.J., Han, D.H., Kim, J.I., Kim, S., Lee, H.R., Lee, Y., Jang, E.H., Ko, H.G., Kong, Y.Y., Kaang, B.K. Neur1 and Neur2 are required for hippocampus-dependent spatial memory and synaptic plasticity. *Hippocampus* 30 (11), 1158-1166 (2020)

26. Habela, C., **Yoon, K.J.,** Kim, N.S., Taga, A., Bell, K., Bergles, D., Maragakis, N., Ming, G.L., Song, H. Persistent Cyfip1 expression is required to maintain the adult subventricular zone neurogenic niche. *Journal of Neuroscience* 40 (10), 2015-2024 (2020)

27. Koo, B., Choi, B., Park, H., **Yoon, K.J.** Past, Present, and Future of Brain Organoid Technology. *Molecules and Cells* 42 (9), 617-627 (Review) (2019)

28. Kim, J., Koo, B.K., **Yoon, K.J**. Modeling host-virus interactions in viral infectious diseases using stem-cell-derived systems and CRISPR/Cas9 technology. *Viruses* 11 (2), E124 (Review) (2019)

29. Zhou, Y., Bond, A.M., Shade, J.E., Zhu, Y., Davis, C.O., Wang, X., Su, Y., **Yoon, K.J.**, Phan, A.T., Chen, W.J., Oh, J.H., Marsh-Armstrong, N., Atabai, K., Ming, G.L., Song, H. Autocrine Mfge8 signaling prevents developmental exhaustion of the adult neural stem cell pool. *Cell Stem Cell* 23 (3), 444-452 (2018)

30. **Yoon, K.J.**, Ming, G.L., Song, H. Epitranscriptomes in the adult mammalian brain: dynamic changes regulate behavior. *Neuron* 99 (2), 243-245 (Preview) (2018)

31. **Yoon, K.J.**, Vissers, C., Ming, G.L., Song, H. Epigenetics and epitranscriptomics in temporal patterning of cortical neural progenitor competence. *Journal of Cell Biology* 217 (6), 1901-1914 (Review) (2018)

32. **Yoon, K.J.**, Ming, G.L., Song, H. Coupling Neurogenesis to Circuit Formation. *Cell* 173 (Preview) (2018)

33. Song, G., Rho, H.S., Pan, J., Ramos, P., **Yoon, K.J.**, Medina, F.A., Lee, E.M., Eichnger, D.J., Ming, G.L., Munoz-Jordan, J.L., Tang, H., Pino, I., Song., H., Qian, J., Zhu, H. Multiplexed biomarker panels discriminate Zika and Dengue virus infection in humans. *Molecular and Cellular Proteomics* mcp. RA117 (2017)

34. **Yoon, K.J.***, Ringeling, F.R.*, Vissers, C.*, Jacob, F., Pokrass, M., Jimenez-Cyrus, D., Su, Y., Kim, N.S., Zhu, Y., Zheng, L., Kim, S., Wang, X., Hyde, T.M., Weinberger, D.R., Jin, P., Zhuang, X., Regot, S., Regot, S., Canzar, S., He, C., Ming, G.L., Song, H. Temporal Control of Mammalian Cortical Neurogenesis by m^6A mRNA Methylation. *Cell 171,* 1–13 (2017) (*equal contribution)
    Highlighted with a "News and views" article in Nature 551(7681), 448-449 (2017)
    Previewed in Neuron 96(4), 718-720 (2017)

35. **Yoon, K.J.**, Song, G., Qian, X., Pan, J., Rho, H.S., Kim, N.S., Habela, C., Zheng, L., Jacob, F., Zhang, F., Lee, E.M., Huang, W.K., Ringeling, F.R., Vissers, C., Li, C., Yuan, L., Kang, K., Kim, S., Yeo, J., Cheng, Y., Liu, S., Wen, Z., Qin, C.F., Wu, Q., Christian, K.M., Tang, H., Jin, P., Xu, Z., Qian, J., Zhu, H., Song, H., Ming, G.L. Zika-virus-encoded NS2A disrupts mammalian cortical neurogenesis by degrading adherens junction proteins. *Cell Stem Cell 21(3),* 349-358 (2017)

36. Zhang, F., Hammack, C., Ogden S.C., Cheng, Y, Lee, E.M., Wen, Z., Qian, X., Nguyen, H.N., Li, Y., Yao, B., Xu, M., Xu, T., Chen, L., Wang, Z., Feng, H., Huang, W.K., **Yoon, K.J.**, Shan, C., Huang, L., Qin, Z., Christian, K.M., Shi, P.Y., Xu, M., Xia, M., Zheng, W., Wu, H., Song, H., Tang, H., Ming, G.L., Jin, P. Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. *Nuclear Acid Research 44(18),* 8610-8620 (2016)

37. Qian, X, Nguyen, H.N., Song, M.M., Hadiono, C., Ogden, S.C., Hammack, C, Yao, B, Hamersky, G.R., Jacob, F., Zhong, C., **Yoon, K.J.**, Jeang, W.,Lin, L., Li, Y., Thakor, J., Berg, D.A., Zhang, C., Kang, E.C., Chickering, M., Nauen, D., Ho, C.Y.,Wen, Z., Christian, K.M., Shi, P.Y., Maher, B.J.,Wu, H., Jin, P., Tang, H.,Song, H. and Ming, G.L. Brain-region-specific organoids using mini-bioreactors for modeling ZIKV exposure. *Cell 165(5)*, 1238-1254 (2016)

38. Berg, D.A.*, **Yoon, K.J.***, Will B., Xiao, A.Y, Kim, N.S., Christian, K.M., Song, H., Ming, G.L. Tbr2-expressing intermediate progenitor cells in the adult mouse hippocampus are unipotent neuronal precursors with limited amplification capacity under homeostasis. *Frontiers in Biology 10(3)*, 262-271 (2015) (*equal contribution)

39. Wen, Z., Nguyen, H.N., Guo, Z., Lalli, M.A., Wang, X., Su, Y., Kim, N.S., **Yoon, K.J.**, Shin, J., Zhang, C., Makri, G., Nauen, D., Yu, H., Guzman, E., Chiang, C.H., Yoritomo, N., Kaibuchi, K., Zou, J., Christian, K.M., Cheng, L., Ross, C.A., Margolis, R.L., Chen, G., Kosik, K.S., Song, H., Ming, G.L. Synaptic dysregulation in a human iPS cell model of mental disorders. *Nature 515*, 414–418 (2014)

40. **Yoon, K.J.**, Nguyen, H.N., Ursini, G, Zhang, F, Kim, N.S., Wen, Z., Makri, G., Nauen, D., Shin, J.H., Park, Y., Chung, R., Pekle, E., Zhang, C., Towe, M., Lee, Y., Rujescu, D., St. Clair, D., Kleinman, J.E., Hyde, T.M., Christian, K.M., Rapoport, J.L., Weinberger, D.R., Song, H., Ming, G.L. Modeling a genetic risk for schizophrenia in iPSCs and mice reveals neural stem cell deficits associated with adherens junctions and polarity. *Cell Stem Cell 15(1)*, 79-91 (2014)
    Cover and Featured Article, previewed in Cell Stem Cell 15(1), 4-5 (2014)
    Highlighted in Nature Medicine 20(8), 813 (2014)

41. **Yoon, K.J.** *, Lee, H.R.*, Jo, Y.S., An, K., Jung, S.Y., Jeong, M.W., Kwon, S.K., Kim, N.S., Jeong, H.W., An, H.S., Kim, K.T., Lee, K., Kim, E., Kim, J.H., Choi, J.S., Kaang, B.K., Kong, Y.Y. Mind bomb-1 is an essential modulator of long-term memory and synaptic plasticity via the Notch signaling pathway. *Mol Brain 5(1)*, 40 (2012) (*equal contribution)

42. Kim, N.S., Kim, H.T., Choi, S.W., Kim, Y.Y., **Yoon, K.J.**, Koo, B.K., Kong, M.P., Shin, J., Cho, Y., Kong, Y.Y. Survival and differentiation of mammary epithelial cells in mammary gland development require nuclear retention of Id2 due to RANK signaling. *Molecular and Cellular Biology* (2011)

43. Jung, Y.J., Park, Y.S., **Yoon, K.J.**, Kong, Y.Y., Park, J.W., Nam, H.G. Molecule-level imaging of Pax6 mRNA distribution in mouse embryonic neocortex by molecular interaction force microscopy. *Nucleic Acids Research 37(2),* e10 (2009)

44. Song, R., Kim, Y.W., Koo, B.K., Jeong, H.W., Yoon, M.J., **Yoon, K.J.**, Jun, D.J., Im, S.K., Shin, J., Kong, M.P, Kim, K.T, Yoon, K., Kong, Y.Y. Mind bomb 1 in the lymphopoietic niches is essential for T and marginal zone B cell development. *Journal of Experimental Medicine 205*, 2525-2536 (2008)

45. **Yoon, K.J.**, Koo, B.K., Im, S.K., Jeong, H.W., Ghim, J., Kwon, M.C., Moon, J.S., Miyata, T., and Kong, Y.Y. Mind bomb 1-expressing intermediate progenitors generate notch signaling to maintain radial glial cells. *Neuron 58*, 519-531 (2008)

46. Kwon, M.C., Koo, B.K., Moon, J.S., Kim, Y.Y., Park, K.C., Kim, N.S., Kwon, M.Y., Kong, M.P., **Yoon, K.J.**, Im, S.K., Ghim, J., Han, Y.M., Jang, S., Shong, M., and Kong, Y.Y. Crif1 is a novel transcriptional coactivator of STAT3. *EMBO Journal (27)*, 642-653 (2008)

47. Koo, B.K.*, Yoon, M.J.*, **Yoon, K.J.*,** Im, S.K., Kim, Y.Y., Kim, C.H., Suh, P.G., Jan, Y.N., and Kong, Y.Y. An obligatory role of mind bomb-1 in notch signaling of mammalian development. *PLoS ONE 2*, e1221 (*equal contribution) (2007)

48. Song, R., Koo, B.K., **Yoon, K.J.**, Yoon, M.J., Yoo, K.W., Kim, H.T., Oh, H.J., Kim, Y.Y., Han, J.K., Kim, C.H., and Kong, Y.Y. Neuralized-2 regulates a Notch ligand in cooperation with Mind bomb-1. *Journal of Biological Chemistry 281*, 36391-36400 (2006)

49. Yoo, K.W., Kim, E.H., Jung, S.H., Rhee, M., Koo, B.K., **Yoon, K.J.**, Kong, Y.Y., and Kim, C.H. Snx5, as a Mind bomb-binding protein, is expressed in hematopoietic and endothelial precursor cells in zebrafish. *FEBS Letters 580*, 4409-4416 (2006)

50. Koo, B.K., Lim, H.S., Song, R., Yoon, M.J., **Yoon, K.J.**, Moon, J.S., Kim, Y.W., Kwon, M.C., Yoo, K.W., Kong, M.P., Lee J, Chitnis A.B., Kim C.H. and Kong Y.Y. Mind bomb 1 is essential for generating functional Notch ligands to activate Notch. *Development 132*, 3459-3470 (2005)

51. Koo, B.K., **Yoon, K.J.**, Yoo, K.W., Lim, H.S., Song, R., So, J.H., Kim, C.H., and Kong, Y.Y. Mind bomb-2 is an E3 ligase for Notch ligand. *Journal of Biological Chemistry 280*, 22335-22342 (2005)

PRESENTATIONS

2024.09.06 13th International Conference on Rare and Undiagnosed Disease, “Investigating human brain development and disorders using stem cell-derived models.”

2023.06.21 17th Meeting of the Asian-Pacific Society for Neurochemistry, “Deciphering the neural epitranscriptome: versatile roles of RNA modification during neurodevelopment”

2023.06.12 Neuroscience School of Advanced Studies seminar, “Deciphering the Neural Epitranscriptome: The Roles of mRNA Modification in Neurodevelopment.”

2023.04.30. 3rd Fusion conference for Neuroepigenetics/Neuroepitranscriptomics, “Deciphering the Neural Epitranscriptome: The Roles of mRNA Modification in Neurodevelopment”

2023.03.10 Korea-Japan Neurodevelopmental Biology Society seminar, “Deciphering the Neural Epitranscriptome: The Roles of mRNA Modification in Neurodevelopment”

2021.07.28 China-Japan-Korea Neuroscience Symposium, “Deciphering the neural epitrascriptome using mouse and human organoid models”

2021.03.21 Korea-Japan Neurodevelopment Symposium, “Deciphering the neural epitrascriptome using mouse and human organoid models”

2020.01.13 Society for Neuroscience, Lightning Talk, “Epigenetics in Neurobiology”

2019. 08. 12 Invited speaker, 12th UK-Korea Neuroscience Symposium, “Deciphering the neural epitrascriptome using mouse and human organoid models,” London, United Kingdom

2019. 07. 3 Invited speaker, 13th Annual Meeting of the New Champions, World Economic Forum, “Growing an artificial brain in a dish,” Dalian, China

2018. 08. 3 Invited speaker, UKC 2018, “Temporal control of mammalian cortical neurogenesis by m^6A methylation,” Queens, NY

2018. 05. 12 Invited speaker, NEBS annual meeting, “Temporal control of mammalian cortical neurogenesis by m^6A methylation,” Boston, MA

2017. 09. 28 Invited speaker, Cold Spring Harbor Laboratory meeting, “Temporal control of mammalian cortical neurogenesis by m^6A methylation,” Cold Spring Harbor, NY

2016. 11. 14 Invited speaker, Society for Neuroscience annual meeting, “Altered doses of psychiatric risk factor CYFIP1 lead to dysregulated protein and behavioral abnormalities in models of psychiatric disorders,” San Diego, CA

2014. 11. 15 Invited speaker, Society for Neuroscience annual meeting, “Modeling a genetic risk for schizophrenia in iPSCs and mice reveals neural stem cell deficits associated with adherens junctions and polarity,” Washington DC

2013. 5. 13 Invited speaker, JHU CCD/DBRIC seminar, “CYFIP1 is essential for maintaining the adherens junctions and polarity of neural stem cells in the developing cortex,” Baltimore, MD

2012. 10. 7. Invited speaker, Society for Neuroscience annual meeting, “CYFIP1 is essential for maintaining the adherens junctions and polarity of neural stem cells in the developing cortex,” New Orleans, LA