

## <成果一覧（原著論文，総説，著書，受賞）>

### 2020 年度

【英文原著論文】数字の\*は国際共同研究を示す。

1. Ishii A, Okuno H, Nakaoka T, Iwasaka H, Taniike M. Effectiveness of a Teacher Training Program for Students with Symptoms of Developmental Disorders: Data from a Correspondence High School in Japan. *International Journal of Environmental Research and Public Health*, 17(9) : 3100, 2020.
2. Haraki S, Tsujisaka A, Toyota R, Shiraiishi Y, Adachi H, Ishigaki S, Yatani H, Taniike M, Kato. First night effect on polysomnographic sleep bruxism diagnosis varies among young subjects with different degrees of rhythmic masticatory muscle activity. *T Sleep Med*, 75 : 395-400, 2020.
3. Okura M, Nonoue S, Tsujisaka A, Haraki S, Yokoe C, Taniike M, Kato T. Polysomnographic analysis of respiratory events during sleep in young nonobese Japanese adults without clinical complaints of sleep apnea. *J Clin Sleep Med*, 16(8) : 1303-1310, 2020.
- 4\*. Yamada T, Miura Y, Oi M, Akatsuka N, Tanaka K, Tsukidate N, Yamamoto T, Okuno H, Nakanishi M, Taniike M, Mohri I, Laugeson EA. Examining the Treatment Efficacy of PEERS in Japan: Improving Social Skills Among Adolescents with Autism Spectrum Disorder. *J Autism Dev Disord*, 50(3) : 976-997, 2020.
- 5\*. Shinohara M, Kanekiyo T, Tachibana M, Kurti A, Shinohara M, Fu Y, Zhao J, Han X, Sullivan PM, Rebeck WG, Fryer JD, Heckman MG, Bu G. APOE2 is associated with longevity independent of Alzheimer's disease. *eLife*, 9 : e62199, 2020.
6. Yoshizaki A, Mohri I, Yamamoto T, Shirota A, Okada S, Murata E, Hoshino K, Kato-Nishimura K, Matsuzawa S, Kato T, Taniike M. An Interactive Smartphone App, Nenne Navi, for Improving Children's Sleep: Pilot Usability Study. *JMIR Pediatr Parent*, 3(2) : e22102, 2020.
7. Shinomiya Y, Yoshizaki A, Murata E, Fujisawa TX, Taniike M, Mohri I. Sleep and the General Behavior of Infants and Parents during the Closure of Schools as a Result of the COVID-19 Pandemic: Comparison with 2019 Data. *Children*, 8(2) : 168, 2021.
8. Hagihara K, Kajimoto K, Osaga S, Nagai N, Shimosegawa E, Nakata H, Saito H, Nakano M, Takeuchi M, Kanki H, Kagitani-Shimono K, Kijima T. Promising Effect of a New Ketogenic Diet Regimen in Patients with Advanced Cancer. *Nutrients*,

- 12(5) : 1473, 2020.
9. Kagitani-Shimono K, Kato H, Hayashi R, Tominaga K, Nabatame S, Kishima H, Hatazawa J, Taniike M. Clinical evaluation of neuroinflammation in child-onset focal epilepsy: a translocator protein PET study. *J Neuroinflammation*, 18(1) : 8, 2021.
  10. Yoshimi K, Oka Y, Miyasaka Y, Kotani Y, Yasumura M, Uno Y, Hattori K, Tanigawa A, Sato M, Oya M, Nakamura K, Matsushita N, Kobayashi K, Mashimo T. Combi-CRISPR: combination of NHEJ and HDR provides efficient and precise plasmid-based knock-ins in mice and rats. *Hum Genet*. 2021 Feb;140(2):277-287. doi: 10.1007/s00439-020-02198-4. Epub 2020 Jul 2.
  11. Amano G, Matsuzaki S, Mori Y, Miyoshi K, Han S, Shikada S, Takamura H, Yoshimura T, Katayama T. SCYL1 arginine methylation by PRMT1 is essential for neurite outgrowth via Golgi morphogenesis. *Mol Biol Cell*. 2020 Aug 15;31(18):1963-1973. doi: 10.1091/mbc.E20-02-0100. Epub 2020 Jun 17.
  12. Higashi M, Yoshimura T, Usui N, Kano Y, Deguchi A, Tanabe K, Uchimura Y, Kuriyama S, Suzuki Y, Masaki T, Ikenaka K. A Potential Serum N-glycan Biomarker for Hepatitis C Virus-Related Early-Stage Hepatocellular Carcinoma with Liver Cirrhosis. *Int J Mol Sci*. 2020 Nov 24;21(23):8913. doi: 10.3390/ijms21238913.
  13. Hashimoto M, Suzuki M, Hotta M, Nagase A, Yamamoto Y, Hirakawa N, Nagata Y, Satake Y, Suehiro T, Kanemoto H, Yoshiyama K, Mori E, Ikeda M. The Influence of the COVID-19 Outbreak on the Lifestyle of Older Patients With Dementia or Mild Cognitive Impairment Who Live Alone. *Front Psychiatry*. 2020 Oct 30;11:570580. doi: 10.3389/fpsy.2020.570580. eCollection 2020.
  14. Suzuki M, Hotta M, Nagase A, Yamamoto Y, Hirakawa N, Satake Y, Nagata Y, Suehiro T, Kanemoto H, Yoshiyama K, Mori E, Hashimoto M, Ikeda M. The behavioral pattern of patients with frontotemporal dementia during the COVID-19 pandemic. *Int Psychogeriatr*. 2020 Oct; 32(10)1231-1234. doi:10.1017/S104161022000109X. Epub 2020 Jun 10.
  15. Watanabe H, Ikeda M, Mori E. Non-fluent/Agrammatic Variant of Primary Progressive Aphasia With Generalized Auditory Agnosia. *Front Neurol*. 2020 Jun 6; 1:519. doi: 10.3389/fneur.2020.00519.
  - 16\*. Takeuchi S, Kawanai T, Yamauchi R, Chen L, Miyaoka T, Yamada M, Asano S, Hayata-Takano A, Nakazawa T, Yano K, Horiguchi N, Nakagawa S, Takuma K, James A Waschek, Hashimoto H, Ago Y. Activation of the VPAC2 Receptor Impairs Axon Outgrowth and Decreases Dendritic Arborization in Mouse Cortical Neurons by a PKA-Dependent Mechanism. *Front Neurosci*. 2020 Jun 4; 4:521. doi: 10.3389/fnins.2020.00521. eCollection 2020.

- 17\*. Sato M, Chou SJ. Editorial: The Earliest-Born Cortical Neurons as Multi-Tasking Pioneers: Expanding Roles for Subplate Neurons in Cerebral Cortex Organization and Function. *Front Neuroanat* 2020 Aug 25; 14:43. doi: 10.3389/fnana.2020.00043.
18. Hamaguchi T, Sakai K, Kobayashi A, Kitamoto T, Ae R, Nakamura Y, Sanjo N, Arai K, Koide M, Katada F, Harada M, Murai H, Murayama S, Tsukamoto T, Mizusawa H, Yamada M: Characterization of Sporadic Creutzfeldt-Jakob Disease and History of Neurosurgery to Identify Potential Iatrogenic Cases. *Emerging infectious diseases* 2020, 26:1140-6.
19. Hideshima M, Beck G, Yamadera M, Motoyama Y, Ikenaka K, Kakuda K, Tsuda H, Nagano S, Fujimura H, Morii E, Murayama S, Mochizuki H: A clinicopathological study of ALS with L126S mutation in the SOD1 gene presenting with isolated inferior olivary hypertrophy. *Neuropathology* 2020; 40:191-5.
- 20\*. Ishigaki K, Akiyama M, Kanai M, Takahashi A, Kawakami E, Sugishita H, Sakaue S, Matoba N, Low SK, Okada Y, Terao C, Amariuta T, Gazal S, Kochi Y, Horikoshi M, Suzuki K, Ito K, Koyama S, Ozaki K, Niida S, Sakata Y, Sakata Y, Kohno T, Shiraishi K, Momozawa Y, Hirata M, Matsuda K, Ikeda M, Iwata N, Ikegawa S, Kou I, Tanaka T, Nakagawa H, Suzuki A, Hirota T, Tamari M, Chayama K, Miki D, Mori M, Nagayama S, Daigo Y, Miki Y, Katagiri T, Ogawa O, Obara W, Ito H, Yoshida T, Imoto I, Takahashi T, Tanikawa C, Suzuki T, Sinozaki N, Minami S, Yamaguchi H, Asai S, Takahashi Y, Yamaji K, Takahashi K, Fujioka T, Takata R, Yanai H, Masumoto A, Koretsune Y, Kutsumi H, Higashiyama M, Murayama S, Minegishi N, Suzuki K, Tanno K, Shimizu A, Yamaji T, Iwasaki M, Sawada N, Uemura H, Tanaka K, Naito M, Sasaki M, Wakai K, Tsugane S, Yamamoto M, Yamamoto K, Murakami Y, Nakamura Y, Raychaudhuri S, Inazawa J, Yamauchi T, Kadowaki T, Kubo M, Kamatani Y: Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. *Nat Genet* 2020; 52:669-79.
21. Kakuda N, Yamaguchi H, Akazawa K, Hata S, Suzuki T, Hatsuta H, Murayama S, Funamoto S, Ihara Y: gamma-Secretase Activity Is Associated with Braak Senile Plaque Stages. *Am J Pathol* 2020; 190:1323-31.
22. Omura T, Motoyama R, Tamura Y, Nonaka K, Tanei ZI, Shigemoto K, Tokumaru AM, Murayama S, Arai T, Araki A: Meningoencephalitis caused by masked mastoiditis that was diagnosed during a follow-up in an elderly patient with diabetes mellitus: A case report. *Geriatr Gerontol Int* 2020, 20:500-1.
- 23\*. Schweighauser M, Shi Y, Tarutani A, Kametani F, Murzin AG, Ghetti B, Matsubara T, Tomita T, Ando T, Hasegawa K, Murayama S, Yoshida M, Hasegawa M, Scheres

- SHW, Goedert M: Structures of alpha-synuclein filaments from multiple system atrophy. *Nature* 2020; 585: 464- 469
24. Serisawa S, Hirao K, Sato T, Ogawa Y, Kanetaka H, Enomoto M, Shimizu S, Sakurai H, Sakashita Y, Murayama S, Hanyu H: Adult-onset neuronal intranuclear inclusion disease showing markedly high phosphorylated tau protein levels in cerebrospinal fluid. *Geriatr Gerontol Int* 2020; 20: 793- 795
- 25\*. Zhang W, Tarutani A, Newell KL, Murzin AG, Matsubara T, Falcon B, Vidal R, Garringer HJ, Shi Y, Ikeuchi T, Murayama S, Ghetti B, Hasegawa M, Goedert M, Scheres SHW: Novel tau filament fold in corticobasal degeneration. *Nature* 2020, 580:283-7.
- 26\*. Nagano, S., Jinno, J., Abdelhamid, R. F., Jin, Y., Shibata, M., Watanabe, S., Hirokawa, S., Nishizawa, M., Sakimura, K., Onodera, O., Okada, H., Okada, T., Saito, Y., Takahashi-Fujigasaki, J., Murayama, S., Wakatsuki, S., Mochizuki, H., Araki, T.: TDP-43 transports ribosomal protein mRNA to regulate axonal local translation in neuronal axons. *Acta Neuropath* 2020; 140: 695- 713
27. Matsubara T, Izumi Y, Oda M, Takahashi M, Maruyama H, Miyamoto R, Watanabe C, Tachiyama Y, Morino H, Kawakami H, Saito Y, Murayama S: An autopsy report of a familial amyotrophic lateral sclerosis case carrying VCP Arg487His mutation with a unique TDP43 proteinopathy. *Neuropathology* 2021.
28. Nakano M, Mitsuishi Y, Liu L, Watanabe N, Hibino E, Hata S, Saito T, Saido TC, Murayama S, Kasuga K, Ikeuchi T, Suzuki T, Nishimura M: Extracellular Release of ILEI/FAM3C and Amyloid-beta Is Associated with the Activation of Distinct Synapse Subpopulations. *J Alzheimers Dis* 2021.
29. Sobue A, Komine O, Hara Y, Endo F, Mizoguchi H, Watanabe S, Murayama S, Saito T, Saido TC, Sahara N, Higuchi M, Ogi T, Yamanaka K: Microglial gene signature reveals loss of homeostatic microglia associated with neurodegeneration of Alzheimer's disease. *Acta neuropathologica communications* 2021, 9:1.
30. Tanei ZI, Saito Y, Ito S, Matsubara T, Motoda A, Yamazaki M, Sakashita Y, Kawakami I, Ikemura M, Tanaka S, Sengoku R, Arai T, Murayama S: Lewy pathology of the esophagus correlates with the progression of Lewy body disease: a Japanese cohort study of autopsy cases. *Acta Neuropathol* 2021, 141:25-37.
31. Umeda K, Kawakami I, Ikeda K, Tanei ZI, Matsubara T, Murayama S, Murahashi Y, Niizato K, Oshima K, Iritani S: Case report of anorexia nervosa showing periventricular gliosis at autopsy. *Neuropathology* 2021 Jan 20. doi: 10.1111/neup.12711.
32. Fujioka T, Tsuchiya KJ, Saito M, Hirano Y, Matsuo M, Kikuchi M, Maegaki Y, Choi

- D, Kato S, Yoshida T, Yoshimura Y, Ooba S, Mizuno Y, Takiguchi S, Matsuzaki H, Tomoda A, Shudo K, Ninomiya M, Katayama T, Kosaka H. Developmental changes in attention to social information from childhood to adolescence in autism spectrum disorders: a comparative study. *Mol Autism* 2020 Apr 9;11(1):24. doi: 10.1186/s13229-020-00321-w.
- 33\*. Huang Y, Zhang W, Go K, Tsuchiya KJ, Hu J, Skupski DW, Sie SY, Nomura Y. Altered growth trajectory in children born to mothers with gestational diabetes mellitus and preeclampsia. *Arch Gynecol Obstet* 2020 Jan;301(1):151-159. doi: 10.1007/s00404-020-05436-2.
34. Fujioka T, Fujisawa TX, Inohara K, Okamoto Y, Matsumura Y, Tsuchiya KJ, Katayama T, Munesue T, Tomoda A, Wada Y, Kosaka H. Attenuated relationship between salivary oxytocin levels and attention to social information in adolescents and adults with autism spectrum disorder: a comparative study. *Ann Gen Psychiatry* 2020 Jun 5;19:38. doi: 10.1186/s12991-020-00287-2.
- 35\*. Nishimura T, Wakuta M, Tsuchiya KJ, Osuka Y, Tamai H, Takei N, Katayama T. Measuring School Climate among Japanese Students-Development of the Japan School Climate Inventory (JaSC). *Int J Environ Res Public Health* 2020 Jun 19;17(12):4426. doi: 10.3390/ijerph17124426.
- 36\*. Takahashi N, Nishimura T, Harada T, Okumura A, Choi D, Iwabuchi T, Kuwabara H, Takagai S, Nomura Y, Newcorn JH, Takei N, Tsuchiya KJ. Polygenic risk score analysis revealed shared genetic background in attention deficit hyperactivity disorder and narcolepsy. *Transl Psychiatry* 2020 Aug 17;10(1):284. doi: 10.1038/s41398-020-00971-7.
37. Usui N, Iwata K, Miyachi T, Takagai S, Wakusawa K, Nara T, Tsuchiya KJ, Matsumoto K, Kurita D, Kamenoy Y, Wakuda T, Takebayashi K, Iwata Y, Fujioka T, Hirai T, Toyoshima M, Ohnishi T, Toyota T, Maekawa M, Yoshikawa T, Maekawa M, Nakamura K, Tsujii M, Sugiyama T, Mori N, Matsuzaki H. VLDL-specific increases of fatty acids in autism spectrum disorder correlate with social interaction. *EBioMedicine* 2020 Aug ;58 :102917. doi: 10.1016/j.ebiom.2020.102917.
38. Hirai T, Usui N, Iwata K, Miyachi T, Tsuchiya KJ, Xie MJ, Nakamura K, Tsujii M, Sugiyama T, Matsuzaki H. Increased plasma lipoprotein lipase activity in males with autism spectrum disorder. *Res Autism Spectr Disord* 77:101630, 2020. doi: 10.1016/j.rasd.2020.101630.
39. Maekawa M, Ohnishi T, Toyoshima M, Shimamoto-Mitsuyama C, Hamazaki K, Balan S, Wada Y, Esaki K, Takagai S, Tsuchiya KJ, Nakamura K, Iwata Y, Nara T, Iwayama Y, Toyota T, Nozaki Y, Ohba H, Watanabe A, Hisano Y, Matsuoka S, Tsujii

- M, Mori N, Matsuzaki H, Yoshikawa T. A potential role of fatty acid binding protein 4 in the pathophysiology of autism spectrum disorder. *Brain Commun* 2020 Sep 10;2(2): fcaa145. doi: 10.1093/braincomms/fcaa145. eCollection 2020.
40. Hirayama A, Wakusawa K, Fujioka T, Iwata K, Usui N, Kurita D, Kamenoy Y, Wakuda T, Takagai S, Hirai T, Nara T, Ito H, Nagano Y, Oowada S, Tsujii M, Tsuchiya KJ, Matsuzaki H. Simultaneous evaluation of antioxidative serum profiles facilitates the diagnostic screening of autism spectrum disorder in under-6-year-old children. *Sci Rep* 2020 Nov 26;10(1):20602. doi: 10.1038/s41598-020-77328-z.
41. Tsuchiya KJ, Hakoshima S, Hara T, Ninomiya M, Saito M, Fujioka T, Kosaka H, Hirano Y, Matsuo M, Kikuchi M, Maegaki Y, Harada T, Nishimura T, Katayama T. Diagnosing Autism Spectrum Disorder Without Expertise: A Pilot Study of 5- to 17-Year-Old Individuals Using Gazefinder. *Front Neurol* 2021 Jan 28;11:603085. doi: 10.3389/fneur.2020.603085.
42. Kato Y, Kuwabara H, Okada T, Munosue T, Benner S, Kuroda M, Kojima M, Yassin W, Eriguchi Y, Kamenoy Y, Murayama C, Nishimura T, Tsuchiya KJ, Kasai K, Ozaki N, Kosaka H, Yamasue H. Oxytocin-induced increase in N,N-dimethylglycine and time course of changes in oxytocin efficacy for autism social core symptoms. *Mol Autism* 2021 Feb 23;12(1):15. doi: 10.1186/s13229-021-00423-z.
43. Iwabuchi T, Makuuchi M. When a sentence loses semantics: Selective involvement of a left anterior temporal subregion in semantic processing. *Eur J Neurosci* 2021 Feb;53(3):929-942. doi: 10.1111/ejn.15022. Epub 2020 Nov 14.
44. Suzuki S, Fujisawa TX, Sakakibara N, Fujioka T, Takiguchi S, Tomoda A. Development of Social Attention and Oxytocin Levels in Maltreated Children. *Sci Rep*. 10(1):7407, 2020. doi:10.1038/s41598-020-64297-6 (Published: 2020 May 4)
45. Makita K, Takiguchi S, Naruse H, Shimada K, Morioka S, Fujisawa TX, Shimoji K, Tomoda A. White matter changes in children and adolescents with reactive attachment disorder: A diffusion tensor imaging study. *Psychiatry Res Neuroimaging*. 303:111129, 2020. doi:10.1016/j.psychres.2020.111129 (Epub 2020 Jun 15, Published: 2020 Sep 30)
46. Hiraoka D, Tomoda A. Relationship between parenting stress and school closures due to the COVID-19 pandemic. *Psychiatry Clin Neurosci*. 74(9):497-498, 2020. doi: 10.1111/pcn.13088. (Epub 2020 Jul 3, First published: 17 Jun 2020)
- 47\*. Kosaka T, Kawatani M, Ohta G, Mizuno Y, Takiguchi S, Kumano A, Hayashi H, Fujine A, Tsuda A, Fujisawa TX, Tomoda A, Ohshima Y. Low threshold to Vestibular and Oral Sensory stimuli might affect quality of sleep among children with autism spectrum disorder. *Brain Dev*. 43(1):55-62, 2021.

- doi:10.1016/j.braindev. 2020.07.010. (Epub 2020 Jul 30, Published: 2021 Jan)
- 48\*. Kogan SM, Bae D, Cho J, Smith AK, Nishitani S. Pathways linking adverse environments to emerging adults' substance abuse and depressive symptoms: A prospective analysis of rural African American men. *Dev Psychopathol.* 1-11, 2020. doi:10.1017/S0954579420000632. (Epub 2020 Jul 22)
- 49\*. Zaninello M, Palikaras K, Naon D, Iwata K, Herkenne S, Quintana-Cabrera R, Semenzato M, Grespi F, Ross-Cisneros FN, Carelli V, Sadun AA, Tavernarakis N and Scorrano L. Inhibition of autophagy curtails visual loss in a model of autosomal dominant optic atrophy. *Nat Commun* 11(1):4029, 2020. DOI: 10.1038/s41467-020-17821-1. (Published: 12 August 2020)
- 50\*. De Leon D, Nishitani S, Walum H, McCormack KM, Wilson ME, Smith AK, Young LJ, Sanchez MM. Methylation of OXT and OXTR genes, central oxytocin, and social behavior in female macaques. *Horm Behav.* 2020;126:104856. doi:10.1016/j.yhbeh.2020.104856 (Epub 2020 Oct 14, Published: Nov 2020)
51. Kimura Y, Fujioka T, Jung M, Fujisawa TX, Tomoda A, Kosaka H. An investigation of the effect of social reciprocity, social anxiety, and letter fluency on communicative behaviors in adults with autism spectrum disorder. *Psychiatry Res.* 294:113503, 2020. doi:10.1016/j.psychres. 2020.113503. (Epub 2020 Oct 13. Published: Dec 2020)
52. Hiraoka D, Nishitani S, Shimada K, Kasaba R, Fujisawa TX, Tomoda A. Epigenetic modification of the oxytocin gene is associated with gray matter volume and trait empathy in mothers. *Psychoneuroendocrinology.* 123:105026, 2021. doi:10.1016/j.psyneuen. 2020.105026 (Epub 2020 Oct 21. Published: Jan 2021)
53. Saito T, Yamashita Y, Tomoda A, Okada T, Umeuchi H, Iwamori S, Shinoda S, Mizuno-Yasuhira A, Urano H, Nishino I, Saito K. Using the drug repositioning approach to develop a novel therapy, tipepidine hibenazate sustained-release tablet (TS-141), for children and adolescents with attention-deficit/hyperactivity disorder. *BMC Psychiatry.* 20(1):530. 2020. doi:10.1186/s12888-020-02932-2 ( Published: 2020 Nov 10)
54. Kuboshita R, Fujisawa TX, Makita K, Kasaba R, Okazawa H, Tomoda A. Intrinsic brain activity associated with eye gaze during mother-child interaction. *Sci Rep.* 10(1):18903, 2020. doi:10.1038/s41598-020-76044-y (Published 2020 Nov 3)
55. Nishitani S, Suzuki S, Ochiai K, Yao A, Fujioka T, Fujisawa TX, Tomoda A. Altered epigenetic clock in children exposed to maltreatment. *Psychiatry Clin Neurosci.* 75(3):110-112, 2021. doi:10.1111/pcn.13183 (Epub 2020 Dec 24, Published: Mar 2021)

56. Kasaba R, Shimada K, Tomoda A. Neural Mechanisms of Parental Communicative Adjustments in Spoken Language. *Neuroscience*. 457:206-217, 2021. doi:10.1016/j.neuroscience.2020.12.002 (Epub 2020 Dec 18, Published: 1 Mar 2021)
57. Aoi T, Fujisawa TX, Nishitani S, Tomoda A. Mismatch negativity of preschool children at risk of developing mental health problems *Neuropsychopharmacol Rep*. 2021. doi:10.1002/npr2.12168 (published online ahead of print, 2021 Feb 19)
- 58\*. Usui N, Berto S, Konishi A, Kondo M, Konopka G, Matsuzaki H, Shimada S. Zbtb16 regulates social cognitive behaviors and neocortical development. *Transl. Psychiatr*. In press. (accept: 26 Mar 2021)
59. Tochitani S, Furukawa T, Bando R, Kondo S, Ito T, Matsushima Y, Kojima T, Matsuzaki H, Fukuda A. GABA<sub>A</sub> receptors and maternally derived taurine regulate the temporal specification of progenitors of excitatory glutamatergic neurons in the mouse developing cortex. *Cereb. Cortex* In press. (accept: 26 Mar 2021)
60. Ono Y, Kudoh K, Ikeda T, Takahashi T, Yoshimura Y, Minabe Y, Kikuchi M. Auditory steady-state response at 20 Hz and 40 Hz in young typically developing children and children with autism spectrum disorder. *Psychiatry Clin Neurosci* 2020 Jun;74(6):354-361. doi: 10.1111/pcn.12998. Epub 2020 Apr 24.
61. Kumazaki H, Okamoto M, Yoshimura Y, Ikeda T, Hasegawa C, Saito D, Iwanaga R, Tomiyama S, An KM, Minabe Y, Kikuchi M. Brief Report: Odour Awareness in Young Children with Autism Spectrum Disorders. *J Autism Dev Disord* 2020 May;50(5):1809-1815. doi: 10.1007/s10803-018-3710-y.
62. Nobukawa S, Yamanishi T, Kasakawa S, Nishimura H, Kikuchi M, Takahashi T. Classification Methods Based on Complexity and Synchronization of Electroencephalography Signals in Alzheimer's Disease. *Front Psychiatry*. 2020 Apr 7;11:255. doi: 10.3389/fpsy.2020.00255. eCollection 2020.
63. Kurokawa H, Kinari Y, Okudaira H, Tsubouchi K, Sai Y, Kikuchi M, Higashida H, Ohtake F. Competitiveness and individual characteristics: a double-blind placebo-controlled study using oxytocin. *Sci Rep*. 2020 Jul 13;10(1):11526. doi: 10.1038/s41598-020-68445-w.
- 64\*. Furutani N, Nariya Y, Takahashi T, Noto S, Yang AC, Hirosawa T, et al. Decomposed Temporal Complexity Analysis of Neural Oscillations and Machine Learning Applied to Alzheimer's Disease Diagnosis. *Front Psychiatry*. 2020; 11:531801. doi:10.3389/fpsy.2020.531801.
65. Hirosawa T, Kontani K, Fukai M, Kameya M, Soma D, Hino S, Kitamura T, Hasegawa C, An KM, Takahashi T, Yoshimura Y, Kikuchi M. Different associations between intelligence and social cognition in children with and without autism



- spectrum disorders. *PLoS One*. 2020 Aug 21;15(8): e0235380. doi: 10.1371/journal.pone.0235380. eCollection 2020.
66. Yoshimura Y, Kikuchi M, Saito D, Hirosawa T, Takahashi T, Munosue T, Kosaka H, Naito N, Ouchi Y, Minabe Y. Markers for the central serotonin system correlate to verbal ability and paralinguistic social voice processing in autism spectrum disorder. *Sci Rep*. 2020 Sep 3;10(1):14558. doi: 10.1038/s41598-020-71254-w.
67. Furutani N, Nariya Y, Takahashi T, Ito H, Yoshimura Y, Hiraishi H, Hasegawa C, Ikeda T, Kikuchi M. Neural Decoding of Multi-Modal Imagery Behavior Focusing on Temporal Complexity. *Front Psychiatry* 2020 Jul;30:11:746. doi: 10.3389/fpsy.2020.00746. eCollection 2020.
68. Kumazaki H, Muramatsu T, Yoshikawa Y, Matsumoto Y, Ishiguro H, Kikuchi M, Sumiyoshi T, Mimura M. Optimal robot for intervention for individuals with autism spectrum disorders. *Psychiatry Clin Neurosci*. 2020 Nov; 74(11):581-586. doi: 10.1111/pcn.13132. Epub 2020 Sep 12.
- 69\*. Tanaka S, Komagome A, Iguchi-Sherry A, Nagasaka A, Yuhi T, Higashida H, Rooksby M, Kikuchi M, Arai O, Minami K, Tsuji T, Tsuji C. Participatory Art Activities Increase Salivary Oxytocin Secretion of ASD Children. *Brain Sci*. 2020 Sep 27;10(10):680. doi: 10.3390/brainsci10100680.
- 70\*. Hirosawa T, Sowman PF, Fukai M, Kameya M, Soma D, Hino S, et al. Relationship between epileptiform discharges and social reciprocity or cognitive function in children with and without autism spectrum disorders: An MEG study. *Psychiatry Clin Neurosci*. 2020;74(9):510-1. doi:10.1111/pcn.13093.
71. Yoshimura Y, Hasegawa C, Ikeda T, Saito DN, Hiraishi H, Takahashi T, Kumazaki H, Kikuchi M. The maturation of the P1m component in response to voice from infancy to 3 years of age: A longitudinal study in young children. *Brain Behav*. 2020 Aug;10(8): e01706. doi: 10.1002/brb3.1706. Epub 2020 Jun 23.
- 72\*. Shabalova AA, Liang M, Zhong J, Huang Z, Tsuji C, Shnyder NA, et al. Oxytocin and CD38 in the paraventricular nucleus play a critical role in paternal aggression in mice. *Horm Behav*. 2020;120:104695. doi:10.1016/j.yhbeh.2020.104695.
73. Tsuji T, Inatani M, Tsuji C, Cheranov SM, Kadonosono K. Oxytocin induced epithelium-mesenchymal transition through Rho-ROCK pathway in ARPE-19 cells, a human retinal pigmental cell line. *Tissue Cell*. 2020;64:101328. doi:10.1016/j.tice.2019.101328.
- 74\*. Gerasimenko M, Cherepanov SM, Furuhashi K, Lopatina O, Salmina AB, Shabalova AA, et al. Nicotinamide riboside supplementation corrects deficits in

- oxytocin, sociability and anxiety of CD157 mutants in a mouse model of autism spectrum disorder. *Sci Rep.* 2020;10(1):10035. doi:10.1038/s41598-019-57236-7.
- 75\*. Takaso Y, Noda M, Hattori T, Roboon J, Hatano M, Sugimoto H, et al. Deletion of CD38 and supplementation of NAD (+) attenuate axon degeneration in a mouse facial nerve axotomy model. *Sci Rep.* 2020;10(1):17795. doi:10.1038/s41598-020-73984-3.
76. Leerach N, Harashima A, Munese S, Kimura K, Oshima Y, Goto H, et al. Glycation reaction and the role of the receptor for advanced glycation end-products in immunity and social behavior. *Glycoconj J.* 2020. doi:10.1007/s10719-020-09956-6.
- 77\*. Gerasimenko M, Lopatina O, Shabalova AA, Cherepanov SM, Salmina AB, Yokoyama S, et al. Distinct physical condition and social behavior phenotypes of CD157 and CD38 knockout mice during aging. *PLoS One.* 2020;15(12): e0244022. doi:10.1371/journal.pone.0244022.
- 78\*. An KM, Ikeda T, Hasegawa C, Yoshimura Y, Tanaka S, Saito DN, et al. Aberrant brain oscillatory coupling from the primary motor cortex in children with autism spectrum disorders. *Neuroimage Clin.* 2021;29:102560. doi:10.1016/j.nicl.2021.102560.
79. Shimoyama I, Hayashi F, Hayashi A, Yoshida A, Yugeta T, Shimizu E, Kobayashi Y. Iconic Memory for Senile Dementia after Five Minutes Distraction with a Necker's Cube. *International Medical Journal Vol. 27, No. 2, pp.1-4. 2020/04.*
80. Matsumoto K, Hamatani S, Nagai K, Sutoh C, Nakagawa A, Shimizu E. Long-Term Effectiveness and Cost-Effectiveness of Videoconference-Delivered Cognitive Behavioral Therapy for Obsessive-Compulsive Disorder, Panic Disorder, and Social Anxiety Disorder in Japan: One-Year Follow-Up of a Single-Arm Trial. *JMIR Mental Health,* 2020, 7(4): e17157. 2020/04/23.
- 81\*. Kong XZ, Boedhoe PSW, Abe Y, Alonso P, Ameis SH, Arnold PD, Assogna F, Baker JT, Batistuzzo MC, Benedetti F, Beucke JC, Bollettini I, Bose A, Brem S, Brennan BP, Buitelaar J, Calvo R, Cheng Y, Cho KIK, Dallaspezia S, Denys D, Ely BA, Feusner J, Fitzgerald KD, Fouche JP, Fridgeirsson EA, Glahn DC, Gruner P, Gürsel DA, Hauser TU, Hirano Y, Hoexter MQ, Hu H, Huyser C, James A, Jaspers-Fayer F, Kathmann N, Kaufmann C, Koch K, Kuno M, Kvale G, Kwon JS, Lazaro L, Liu Y, Lochner C, Marques P, Marsh R, Martínez-Zalacáin I, Mataix-Cols D, Medland SE, Menchón JM, Minuzzi L, Moreira PS, Morer A, Morgado P, Nakagawa A, Nakamae T, Nakao T, Narayanaswamy JC, Nurmi EL, O'Neill J, Pariente JC, Perriello C, Piacentini J, Piras F, Piras F, Pittenger C, Reddy YCJ, Rus-Oswald OG, Sakai Y, Sato JR, Schmaal

- L, Simpson HB, Soreni N, Soriano-Mas C, Spalletta G, Stern ER, Stevens MC, Stewart SE, Szeszko PR, Tolin DF, Aki Tsuchiyagaito A, van Rooij D, GA, Venkatasubramanian G, Wang Z, Yun JY, ENIGMA OCD Working Group, Thompson PM, Stein DJ, van den Heuvel OA, Francks C. Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings from the ENIGMA Consortium. *Biol Psychiatry*, 2020;87:1022-1034, doi: 10.1016/j.biopsych.2019.04.022. 2020/06/15.
82. Mastumoto K, Hamatani S, Makino T, Uemura T, Suzuki F, Shinno S, Ikai T, Hayashi H, Shimizu E. Guided Internet-Based Cognitive Behavioral Therapy in Japanese Patients with Obsessive-Compulsive Disorder: Protocol for a Randomized Controlled Trial. *JMIR Research Protocols*, 2020, 9(6): e18216. 2020/06/24.
83. Kimura Y, Hamatani S, Matsumoto K, Shimizu E. Cognitive Behavioral Therapy for Three Patients with Bipolar II Disorder during Depressive Episodes: A Case Series. *Hindawi Case Reports in Psychiatry*, 2020,3892024, 1-4. 2020/07/14.
84. Sano K, Matsuda S, Tohyama S, Komura D, Shimizu E, Sutoh C. Deep learning-based classification of the mouse estrous cycle stages. *Sci Rep* 10:11714. 2020/07/16.
- 85\*. Writing Committee for the Attention-Deficit/Hyperactivity Disorder; Autism Spectrum Disorder; Bipolar Disorder; Major Depressive Disorder; Obsessive-Compulsive Disorder; and Schizophrenia ENIGMA Working Groups; Patel Y, Parker N, Shin J, Howard D, ....., Hirano Y (91/191), ....., Virtual histology of cortical thickness reveals shared neurobiology underlying 6 psychiatric disorders. *JAMA Psychiatry*. 2020/08/26.
- 86\*. Boedhoe PSW, van Rooij D, ...Hirano Y, ..., Kuno M, ..., Nakagawa A, ..., ENIGMA-ADHD working group, ENIGMA-ASD working group, ENIGMA-OCD working group. Subcortical brain volume, regional cortical thickness and cortical surface area across attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder (ASD), and obsessive-compulsive disorder (OCD) – findings from the ENIGMA-ADHD, -ASD, and -OCD working groups. *Am J Psychiatry*. 2020/09/01. doi: 10.1176/appi.ajp.2020.19030331.
- 87\*. Hamatani S, Tsuchiyagaito A, Nihei M, Hayashi Y, Yoshida T, Takahashi J, Okawa S, Arai H, Nagaoka M, Matsumoto K, Shimizu E, Hirano Y. Predictors of response to exposure and response prevention-based cognitive behavioral therapy for obsessive-compulsive disorder. *BMC Psychiatry*, 20: 433, 2020. 2020/09/04.
- 88\*. Oshima F, William M, Takahashi N, Tsuchiyagaito A, Kuwabara H, Shiina A, Seto M, Hongo M, Iwama Y, Hirano Y, Sutoh C, Taguchi K, Yoshida T, Kawasaki Y, Ozawa Y, Masuya J, Sato N, Nakamura S, Kuno M, Takahashi J, Ohtani T, Matsuzawa D,

- Inada N, Kuroda M, Ando M, Hori A, Nakagawa A, Shimizu E. Cognitive-behavioral family therapy as psychoeducation for adolescents with high-functioning autism spectrum disorders: Aware and Care for my Autistic Traits (ACAT) program study protocol for a pragmatic multisite randomized controlled trial . *Trials* 2020;21(1)814. 2020/09/29.
- 89\*. Bruin W, Taylor L, ..., Hirano Y, ....., Kuno M, ..., Nakagawa A, ....., Shimizu E, ..., Wingen G. Structural neuroimaging biomarkers for obsessive-compulsive disorder in the ENIGMA-OCD consortium: medication matters. *Transl Psychiatry* 2020 Oct 8;10(1):342. doi: 10.1038/s41398-020-01013-y.
- 90\*. Numata N, Nakagawa A, Yoshioka K, Isomura K, Matsuzawa D, Setsu R, Nakazato M and Shimizu E. Associations between autism spectrum disorder and eating disorders with and without self-induced vomiting: an empirical study. *Journal of Eating Disorders* (2021) 9:5. 2021/01/06.
91. Hiramatsu, Y, Murata, T, Yamada, F, Seki, Y, Yokoo, M, Noguchi, R, Shibuya, T, Tanaka, M, Matsuzawa, D & Shimizu, E. Memory rescripting in major depressive disorder. *Asia Pacific Journal of Counselling and Psychotherapy*, 2021, 12, 1-18.
92. Hamatani S, Hirano Y, Sugawara A, Isobe M, Kodama N, Yoshihara K, Moriguchi Y, Ando T, Endo Y, Takahashi J, Nohara N, Takamura T, Hori H, Noda T, Tose K, Watanabe K, Adachi H, Gondo M, Takakura S, Fukudo S, Shimizu E, Yoshiuchi K, Sato Y, Sekiguchi A. Eating Disorder Neuroimaging Initiative (EDNI): a multicenter prospective cohort study protocol for elucidating the neural effects of cognitive behavioral therapy for eating disorders. *BMJ Open*, 2021;11:e042685. doi: 10.1136/bmjopen-2020-042685
93. Kurita K, Takasughi J, Hirano Y. A case of left thalamic hemorrhage with mirror writing: Influence the writing direction. *J Rehabil Neurosci*, doi: 10.24799/jrehabilneurosci.200818
94. Okawa S, Hamatani S, Hayashi Y, Arai H, Nihei M, Yoshida T, Takahashi J, Shimizu E, Hirano Y. Neuropsychological comparison between patients with social anxiety and healthy controls: Weak central coherence and visual scanning deficit *Neuropsychiatr Dis Treat*, 2020;16:2849-2855. doi: 10.2147/NDT.S283950
- 95\*. Hamatani S, Tsuchiyagaito A, Nihei M, Hayashi Y, Yoshida Y, Takahashi J, Okawa S, Arai H, Nagaoka M, Matsumoto K, Shimizu E, Hirano Y. Predictors of response to exposure and response prevention-based cognitive behavioral therapy for obsessive-compulsive disorder. *BMC Psychiatry*, 2020;20:433 .doi: 10.1186/s12888-020-02841-4
- 96\*. Koike H, Tsuchiyagaito A, Hirano Y, Oshima F, Asano K, Sugiura Y, Kobori O, Ishikawa R, Nishinaka H, Shimizu E, Nakagawa A. Reliability and validity of the

- Japanese version of the Obsessive-Compulsive Inventory-Revised (OCI-R). *Curr Psychol*, 2020;39:89-95. doi: 10.1007/s12144-017-9741-2
97. Shiina A, Niitsu T, Kobori O, Idemoto K, Hashimoto T, Sasaki T, Igarashi Y, Shimizu E, Nakazato M, Hashimoto K, Iyo M. Perception of and anxiety about COVID-19 infection and risk behaviors for spreading infection: an international comparison. *Ann Gen Psychiatry*. 2021 Feb 18;20(1):13. doi: 10.1186/s12991-021-00334-6
98. Shiina A, Niitsu T, Kobori O, Idemoto K, Hashimoto T, Sasaki T, Igarashi Y, Shimizu E, Nakazato M, Hashimoto K, Iyo M. Relationship between perception and anxiety about COVID-19 infection and risk behaviors for spreading infection: A national survey in Japan. *Brain Behav Immun Health*. 2020 Jul;6: 100101. doi: 10.1016/j.bbih.2020.100101. Epub 2020 Jul 2.
99. Sano K, Matsuda S, Tohyama S, Komura D, Shimizu E, Sutoh C. Deep learning-based classification of the mouse estrous cycle stages. *Sci Rep*. 2020 Jul 16;10(1):11714. doi: 10.1038/s41598-020-68611-0.
100. Kimura Y, Hamatani S, Matsumoto K, Shimizu E. Cognitive Behavioral Therapy for Three Patients with Bipolar II Disorder during Depressive Episodes. *Case Rep Psychiatry*. 2020 Jul 14; 2020:3892024. doi: 10.1155/2020/3892024. eCollection 2020.
- 101\*. Hiramatsu Y, Asano K, Kotera Y, Sensui T, Endo A, Shimizu E, Basran J, Goss K. Development of the Japanese version of the Other As Shamer Scale using item response theory. *BMC Res Notes*. 2020 Apr 5;13(1):200. doi: 10.1186/s13104-020-05027-z.
- 102\*. Piras F, Piras F, Abe Y, Agarwal SM, Anticevic A, Ameis S, Arnold P, Banaj N, Bargalló N, Batistuzzo MC, Benedetti F, Beucke JC, Boedhoe PSW, Bollettini I, Brem S, Calvo A, Cho KIK, Ciullo V, Dallspezia S, Dickie E, Ely BA, Fan S, Fouche JP, Gruner P, Gürsel DA, Hauser T, Hirano Y, Hoexter MQ, Iorio M, James A, Reddy YCJ, Kaufmann C, Koch K, Kochunov P, Kwon JS, Lazaro L, Lochner C, Marsh R, Nakagawa A, Nakamae T, Narayanaswamy JC, Sakai Y, Shimizu E, Simon D, Simpson HB, Soreni N, Stämpfli P, Stern ER, Szeszko P, Takahashi J, Venkatasubramanian G, Wang Z, Yun JY; ENIGMA OCD Working Group, Stein DJ, Jahanshad N, Thompson PM, van den Heuvel OA, Spalletta G. White matter microstructure and its relation to clinical features of obsessive-compulsive disorder: *Transl Psychiatry* (IF: 5.28; Q1). 2021 Mar 17;11(1):173. doi: 10.1038/s41398-021-01276-z.
103. Taguchi K, Numata N, Takanashi R, Takemura R, Yoshida T, Kutsuzawa K, Yoshimura K, Shimizu E. Integrated cognitive behavioral therapy for chronic pain:

- An open-labeled prospective single-arm trial. *Medicine (Baltimore)*. 2021 Feb 12;100(6): e23859. doi: 10.1097/MD.00000000000023859.
- 104\*. Saito M, Hirota T, Sakamoto Y, Adachi M, Takahashi M, Osato-Kaneda A, Kim YS, Leventhal B, Shui A, Kato S, Nakamura K. Prevalence and cumulative incidence of autism spectrum disorders and the patterns of co-occurring neurodevelopmental disorders in a total population sample of 5-year-old children. *Mol Autism*. 2020 May 14;11(1):35. doi: 10.1186/s13229-020-00342-5.
- 105\*. Wang G, Takahashi M, Wu R, Liu Z, Adachi M, Saito M, Nakamura K, Jiang F. Association between Sleep Disturbances and Emotional/Behavioral Problems in Chinese and Japanese Preschoolers. *Behav Sleep Med*. 2020 May-Jun;18(3):420-431. doi: 10.1080/15402002.2019.1605995.
- 106\*. Mikami M, Hirota T, Takahashi M, Adachi M, Saito M, Koeda S, Yoshida K, Sakamoto Y, Kato S, Nakamura K, Yamada J. Atypical Sensory Processing Profiles and Their Associations With Motor Problems In Preschoolers With Developmental Coordination Disorder. *Child Psychiatry Hum Dev*. 2020 Jun 11. doi: 10.1007/s10578-020-01013-5.
107. Masuyama A, Shinkawa H, Kubo T. Validation and Psychometric Properties of the Japanese. *International Journal of Mental Health and Addiction* Version of the Fear of COVID-19 Scale Among Adolescents. 2020 Jul 13;1-11. doi: 10.1007/s11469-020-00368-z.
- 108\*. Hirota T, Bishop S, Adachi M, Shui A, Takahashi M, Mori H, Nakamura K. Utilization of the Maternal and Child Health Handbook in Early Identification of Autism Spectrum Disorder and Other Neurodevelopmental Disorders. *Autism Res*. 2021 Mar;1 (3):551-559. doi: 10.1002/aur.2442.
- 109\*. Hirota T, Takahashi M, Adachi M, Sakamoto Y, Nakamura K. Neurodevelopmental Traits and Longitudinal Transition Patterns in Internet Addiction: A 2-year Prospective Study. *J Autism Dev Disord*. 2020 Jul 23. doi: 10.1007/s10803-020-04620-2.
110. Saito M, Nakamura K, Hirota K. Concerns for labor analgesia and autism spectrum disorders. *J Anesth*. 2020 Nov 24. doi: 10.1007/s00540-020-02880-x.
- 111\*. Hirota T, Takahashi M, Adachi M, Nakamura K. Pediatric health-related quality of life and school social capital through network perspectives. *PLoS One*. 2020 Dec 2;15(12): e0242670. doi: 10.1371/journal.pone.0242670
- 112\*. Adachi M, Takahashi M, Hirota T, Shinkawa H, Mori H, Saito T, Nakamura K. Distributional patterns of item responses and total scores of the Patient Health Questionnaire for Adolescents in a general population sample of adolescents in

Japan. Psychiatry Clin Neurosci. 2020 Sep 29. doi: 10.1111/pcn.13148.

113. Nishida C, Ishimoto Y, Takizawa Y, Katayama T, Matsumoto Y. Preliminary evidence for the reliability and validity of the Stirling children's well-being scale (SCWBS) with Japanese children. *International Journal of Educational Research Open Volumes* 2–2, 2021, 100034. doi.org/10.1016/j.ijedro.2021.100034

【和文原著論文・総説】

1. 石井篤子, 奥野裕子. 通信制高等学校(登校型)における発達障害傾向を持つ生徒の担当教員への遠隔式ティーチャー トレーニングの有用性の検討 —TV 会議システムを用いて— 子どものこころと脳の発達, 11(1), 2020.
2. 下野九理子 他. てんかん, 早わかり! —診療アルゴリズムと病態別アトラス— 池田昭夫 編, 南江堂, p. 216, 2020.
3. 吉崎亜里香. 養育者とのコミュニケーション 小児科診療, 83 巻(10号): 1303–1309 ページ, 2020.
4. 加藤久美, 村田絵美, 谷池雅子. 小児閉塞性睡眠時無呼吸と発達の問題, 睡眠医療, 14(4): 413–417, 2020.
5. 下野九理子. 【診断・治療可能な遺伝性疾患を見逃さないために】神経疾患 結節性硬化症, 小児科臨床, 73(5): 641–644, 2020.
6. 下野九理子. 神経発達症と感覚異常, 小児の精神と神経, 60(3): 208–210, 2020.
7. 下野九理子. 結節性硬化症治療の最前線, 大阪小児科医会会報, 196: 18–20, 2021.
8. 早田敦子, 吾郷由希夫, 橋本均. PACAP シグナル系を介したストレスが誘発する精神疾患の発症機序の解明と治療薬の開発, *Medical Science Digest*, Vol.46(6), 2020
9. 西村倫子, 土屋賢治. 胎児期・幼少期の環境因子が子どもの神経発達に与える影響: 浜松母と子の出生コホート(HBC Study)からの知見. 医学のあゆみ.
10. 土屋賢治. ASD 特性・ADHD 特性をもつ子どもたちの乳幼児期における神経発達の軌跡 —浜松母と子の出生コホートから—. 小児の精神と神経. (2020); 60:214–17.
11. 田井中華絵, 高橋長秀, 土屋賢治. 周産期の環境と乳幼児の神経発達. 産婦人科の実際. (2020); 69:125–30.
12. 椎野智子, 友田明美. インターネット・スマホが子どものこころと脳に及ぼす影響. こころの科学, 211, 26–29, 2020年5月.
13. 友田明美. 医療最前線 子ども虐待(マルトリートメント)は脳にどのようなダメージを与えるのか—虐待の脳科学から視えてきた「とも育て」の重要性—. 手話通訳 問題研究, 152, 56–57, 2020.
14. 友田明美. 子ども虐待と脳科学. 小児科, 61(6), 871–877, 2020年5月.

15. 矢尾明子, 島田浩二, 笠羽涼子, 牧田 快, 友田明美. ADHD 児の母親に対するペアレント・トレーニングの効果が子どもの実行機能改善の及ぼす影響の予備的検討. 発達研究, 34, 137-146, 2020.
16. 友田明美. 子どもの健やかな育ちのためのマルトリートメント予防と養育者支援. 小児の精神と神経, 60(2), 111-115, 2020年7月.
17. 友田明美. マルトリートメント予防モデル 大阪の取り組み. 地域保健, 51(4), 32-35, 2020年7月.
18. 友田明美. マルトリートメント(子ども虐待)は脳にどのようなダメージを与えるのかー子ども虐待の脳科学から視えてきた「とも育て」の重要性ー. 幼児教育じほう, 48(6), 12-18, 2020.
19. 友田明美. 虐待などのマルトリートメントが子どもに与えるダメージ. 臨床心理学, 20(5), 530-534, 2020年9月.
20. 友田明美. 「マルトリ予防」と「とも育て」の重要性. ほけんニュース(少年写真新聞社), 441, 1-4, 2020年11月.
21. 友田明美. マルトリートメントによる子どもの脳の変化と親の支援. 月刊保団連(全国保険医団体連合会), 1333, 4-9, 2020年11月.
22. 友田明美. 幼少期のマルトリートメントストレスが脳発達に与える影響ー脳科学とエピゲノム科学からの知見ー. 医学のあゆみ, 275(9), 957-962, 2020.
23. 友田明美. 脳科学的な診断技術の進歩. 児童青年精神医学とその領域, 61(3), 44-48, 2020.
24. 椎野智子, 榊原信子, 友田明美. マルトリートメントの理解に関する研修効果の検討. 小児の精神と神経, 60(4), 337-343, 2021年1月.
25. 友田明美. 子どものマルトリートメントに関する最近の神経性物学的知見. 精神科治療学, 36(1), 11-15, 2021年1月.
26. 田中 早苗, 山田 智子. 友だち作りの科学「PEERS®プログラム」の実践子どものころと脳と発達, 11(1), 2020.
27. 佐藤大介, 関沢洋一, 須藤千尋, 平野好幸, 大川翔, 廣瀬素久, 竹村亮, 清水栄司. 不眠を対象としたインターネット認知行動療法と「3つの良いこと」エクササイズの有効性の検証(3群ランダム化比較試験). RIETI Discussion Paper Series, 2020;20-J-019. 2020/04.
28. 杉田克生, 千葉明子. 「千葉大学学術成果リポジトリ CURATOR」を活用したモノグラフの出版: 研究成果オープンアクセス推進への提言. 千葉医学 96(2), P31-35. 2020/04/10.
29. 杉田克生. 動物磁気理論など疑似科学が生まれる時代背景ーリヨン大学医学・薬学歴史博物館訪問からの一考察ーSTETHOSCOPE No. 234・5, P3-5, 2020. 2020/04/20.
30. 杉田克生. フィンランドにおける神経発達症診療. 千葉県小児科医会会誌 第53号,



P28-29, 2020. 2020/07/15.

31. 平野好幸. 強迫症・不安症の認知行動療法の作用機序と治療効果予測: 脳画像による検討. 予防精神医学. (印刷中)
32. 杉田克生. 治療教育者ハンス・アスペルガー. 千葉県小児科医会会誌 2021, 第 54 号. p46-47. 2021.
33. 杉田克生. カナー. STETHOSCOPE 2021, No. 239, p17-22.
34. 杉田克生. オーストリア系アメリカ人レオ・カナーとユダヤ系自閉症史の変遷. STETHOSCOPE 2021, No. 239, p17-21.

#### 【著書】

1. 友田明美. 運動部活動における体罰の影響. 部活動学 (神谷 拓 監修), 221-233, ベースボール・マガジン社, 2020/6/30.
2. 友田明美. チック・Tourette 症. 今日の小児治療指針 第 17 版 (水口 雅, 市橋 光 編), 17(1), 700-701, 医学書院, 2020/11/30.
3. 友田明美. 被虐待児症候群 (こどもへの虐待). 今日の治療指針 2021 年版 (福井次矢 他 編), 医学書院, 2021/1.
4. 濱村尚子, 友田明美. 反応性アタッチメント症. 講座 精神疾患の臨床 (神庭重信 編), 3 巻, 289-296, 中山書店, 2021/2.
5. Higashida H, Lopatina O. Cyclic ADP-Ribose and Heat Regulate Oxytocin Release via CD38 and TRPM2 in the Hypothalamus. In: Lemos JR, Dayanithi G, editors. Neurosecretion: Secretory Mechanisms. Cham: Springer International Publishing; 2020. p. 43-58.
6. 大島郁葉, 桑原齊. 「ASD に気づいてケアする CBT ACAT 実践ガイド」. 金剛出版. 2020/10/06.

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