

研究成果の刊行に関する一覧表

書籍

| 著者氏名 | 論文タイトル名 | 書籍全体の編集者名 | 書籍名 | 出版社名 | 出版地 | 出版年 | ページ |
|--|---|--|------------------------------------|-----------------|--------|------|-----------|
| Tamura T, Imazumi T, Shimajima Y, Yamamoto K, Yamamoto T | Genomic Copy Number Analysis Using Droplet Digital PCR: A Simple Method with EvaGreen Single-Color Fluorescent Design | | Cerebral Cortex Development | Springer Nature | London | 2024 | In press |
| 小坂 仁, 井上 健 | 先天性大脳白質形成不全症 | 加藤元博 | 最新ガイドライン準拠 小児科診断・治療指針 改訂第三版 | 中山書店 | 東京 | 2024 | 812-814 |
| 高梨潤一 | 感染症に関連した小児の急性脳症 | 福井次矢、他 | 今日の治療指針 2024 | 医学書院 | 東京 | 2024 | 1524-1525 |
| 高梨潤一 | 小児急性脳症 | 門脇孝、他 | 診療ガイドライン UP-TO-DATE. | メディカルレビュー社 | 東京 | 2024 | 1001-1004 |
| 高梨潤一 | MRSの臨床応用 | 大場洋、高梨潤一、森壘 | 小児神経の画像診断 | Gakken | 東京 | 2024 | 146-159 |
| 高梨潤一 | 急性脳症・脳炎 | 大場洋、高梨潤一、森壘 | 小児神経の画像診断 | Gakken | 東京 | 2024 | 412-431 |
| 高梨潤一 | 髄鞘形成不全性白質ジストロフィー | 大場洋、高梨潤一、森壘 | 小児神経の画像診断 | Gakken | 東京 | 2024 | 432-443 |
| 山本俊至 | 全ゲノム増幅と網羅的ゲノム解析の進歩 | | 着床前遺伝学的検査 (PGT) の最前線と遺伝カウンセリング | メディカルドゥ | 大阪 | 2024 | 33-37 |
| 小坂仁、久保田雅也、望月葉子、他 | 希少神経難病・知的障害の成人移行支援の手引き-遺伝性白質疾患も含めて | 厚生労働科学研究費補助金難治性疾患政策研究事業 遺伝性白質疾患・知的障害をきたす疾患の診断・治療・研究システム構築班 | 希少神経難病・知的障害の成人移行支援の手引き-遺伝性白質疾患も含めて | 診断と治療社 | 東京 | 2023 | 88 |
| 高梨潤一 | 興奮毒性型脳症 (AESD) と MERS | 宮寄治 | 小児画像診断の勘道コロNEO | メディカルレビュー社 | 東京 | 2023 | 48-50 |
| 高梨潤一 | インフルエンザ脳症 (ANE, HSES) | 宮寄治 | 小児画像診断の勘道コロNEO | メディカルレビュー社 | 東京 | 2023 | 45-47 |
| 高梨潤一 | 急性脳炎・脳症 | 高橋幸利 | 小児の治療指針 | 診断と治療社 | 東京 | 2023 | 759-768 |

| 発表者氏名 | 論文タイトル名 | 発表誌名 | 巻号 | ページ | 出版年 |
|--|--|-------------------|--------|---------|------|
| Akiyama T, Saigusa D, Inoue T, Tokorodani C, Akiyama M, Michiue R, Mori A, Hishinuma E, Matsukawa N, Shibata T, Tsuchiya H, Kobayashi K. | Exploration of urine metabolic biomarkers for new-onset, untreated pediatric epilepsy: A gas and liquid chromatography mass spectrometry-based metabolomics study. | Brain Dev | 46 | 180-186 | 2024 |
| Aoki S, Watanabe K, Kato M, Konishi Y, Kubota K, Kobayashi E, Nakashima M*, Saito H*. | Two novel cases of biallelic <i>SMPD4</i> variants with brain structural abnormalities. | Neurogenetics. | 25(1) | 3-11 | 2024 |
| Chida-Nagai A, Akagawa H, Sawai S, Ma Y-J, Yakuwa S, Muneuch J, Yasuda K, Yamazawa H, Yamamoto T, Takakuwa E, Tomaru U, Furutani Y, Kato T, Harada G, Inai K, Nakanishi T, Manabe A, Takeda A, Jing Z-C. | Identification of PTGIS rare variants in patients with Williams syndrome and severe peripheral pulmonary stenosis | J Am Heart Ass | 13(9) | e032872 | 2024 |
| Furukawa S, Kato M, Nomura T, Sumitomo N, Yoneno S, Nakashima M, Saito H*. | Novel compound heterozygous <i>ATPIA2</i> variants in a patient with fetal akinesia/hypokinesia sequence. | Am J Med Genet A. | 194(3) | e63453 | 2024 |
| Hayashi Y, Sehara Y, Watanabe R, Ohba K, Takayanagi Y, Sakiyama Y, Muramatsu K, Mizukami H. | Therapeutic Strategy for Fabry Disease by Intravenous Administration of Adeno-Associated Virus 9 in a Symptomatic Mouse Model. | Hum Gene Ther | 35 | 192-201 | 2024 |
| Kasai M, Sakuma H, Takanashi J, et al. | Clinical characteristics of SARS-CoV-2-associated encephalopathy in children: Nationwide epidemiological study | J Neurol Sci | 457 | 122867 | 2024 |
| Kawakami R, Hiraide T, Watanabe K, Miyamoto S, Hirata K, Komatsu K, Ishigaki H, Sakaguchi K, Maekawa M, Yamashita K, Fukuda T, Miyairi I, Ogata T, Saito H*. | RNA sequencing and target long-read sequencing reveal an intronic transposon insertion causing aberrant splicing. | J Hum Genet. | 69(2) | 91-99 | 2024 |
| Masunaga Y, Ono H, Fujisawa Y, Taniguchi K, Saito H, Ogata T. | Sotos syndrome with marked overgrowth in three Japanese patients with heterozygous likely pathogenic <i>NSD1</i> variants: case reports with review of literature. | Endocr J. | 71(1) | 75-81 | 2024 |
| Matsumoto, A., Kano, S., Kobayashi, N., Matsuki, M., Furukawa, R., Yamagishi, H., Yoshinari, H., Nakakata, W., Wakabayashi, H., Tsuda, H., et al. | Unfavorable switching of skewed X chromosome inactivation leads to Menkes disease in a female infant. | Sci Rep. | 14(1) | 440 | 2024 |

| | | | | | |
|---|---|--|--------|---------|------|
| Nonaka H, Kondo T, Suga M, Yamanaka R, Sagara Y, Tsukita K, Mitsutomi N, Homma K, Saito R, Miyoshi F, Ohzeki H, Okuyama M, Inoue H | Induced pluripotent stem cell-based assays recapture multiple properties of human astrocytes | Journal of Cellular and Molecular Medicine | 28 (7) | e18214 | 2024 |
| Osako M, Yamaoka Y, Mochizuki Y, Fujiwara T | Role of primary care for individuals with childhood-onset neurologic conditions | Health Care Transitions | 2 | 100037 | 2024 |
| Samejima M, Nakashima M, Shibasaki J, Saitsu H, Kato M. | Splicing variant of WDR37 in a case of Neurooculocardiogenitourinary syndrome. | Brain Dev. | 46(3) | 154-159 | 2024 |
| Sanjo N, Suzuki M, Rei Yoshihama R, Toyoshima Y, Mizuta I, Fujita N, Usuda H, Uchiyama Y, Yasuda R, Yoshida T, Yamada M, Yokota T. | Substitution of glu to Lys at codon 332 on the GFAP gene alone is causative for adult-onset Alexander disease. | Intern Med | 63 | 309-313 | 2024 |
| Suong D, Imamura K, Kato Y, Inoue H | Design of neural organoids engineered by mechanical forces | IBRO Neuroscience Reports | 16 | 190-195 | 2024 |
| Tsuchiya M, Bunai T, Watanabe K, Saitsu H | Goshima S. Cerebellar Ataxia With Neuropathy and Vestibular Areflexia Syndrome Due to R | Clin Nucl Med. | 49(3) | 242-243 | 2024 |
| Yamamoto A, Shimizu-Motohashi Y, Ishiyama A, Kurosu K, Sasaki M, Sato N, Osaka H, Takanashi J, Inoue K. | An open-label administration of bioavailable-form curcumin on patients with Pelizaeus-Merzbacher disease. | <i>PedNeurol.</i> | 151 | 80-83 | 2024 |
| Yamazaki A, Kuroda T, Kawasaki N, Kato K, Shimojima Yamamoto K, Iwasa T, Kuriwahara A, Taniguchi Y, Takeshita T, Kita Y, Mikami M, Irahara M, Yamamoto T. | Preimplantation genetic testing using comprehensive genomic copy number analysis is beneficial for balanced translocation carriers | J Hum Genet | 69(1) | 41-45 | 2024 |
| Yamoto K, Kato F, Yamoto M, Fukumoto K, Shimizu K, Saitsu H, Ogata T. | <i>TBX5</i> pathogenic variant in a patient with congenital heart defect and tracheal stenosis. | Congenit Anom (Kyoto). | 64(1) | 23-27 | 2024 |
| Yasukohchi M, Omata T, Ochiai K, Sano K, Murofushi Y, Kimura S, Takase N, Honda T, Yasukawa K, Takanashi JI. | Factors influencing the development of infantile traumatic brain injury with a biphasic clinical course and late reduced diffusion. | J Neurol Sci | 457 | 122904 | 2024 |
| 井上治久 | iPS細胞による神経変性疾患の治療薬研究 | 日本内科学会雑誌 | 113 | 104 | 2024 |

| | | | | | |
|---|--|--------------------------------|--------|-------------------|------|
| 尾方克久、望月葉子、熊田聡子、富田直、崎山快夫、菊池健二郎、早川美佳、大迫美穂、齊藤利雄、望月秀樹、日本神経学会小児-成人移行医療対策特別委員会、日本難病医療ネットワーク学会小児-成人移行医療特別委員会 | 委員会報告 成人移行支援の課題と神経系疾患における小児-成人移行医療の実際 | 臨床神経 | 64 (7) | in press | 2024 |
| 黒澤健司 | マイクロアレイ染色体検査の原理と臨床応用 | 新生児成育医学会雑誌 | 36 | 2-4 | 2024 |
| 高梨潤一 | COVID-19関連脳症 | 小児科診療 | 87 | 319-323 | 2024 |
| Abe T, Yamashita K, Kikuchi K, Hatai E, Fujii F, Chong PF, Sakai Y, Saitsu H, Inoue K, Togao O, Ishigami K. | Diagnostic MR imaging features of hypomyelination of early myelinating structures: A case report. | Neuroradiol J. | Dec 25 | 19714009231224419 | 2023 |
| Akiyama M, Akiyama T, Saitsu H, Tokioka Y, Tsukahara R, Tsuchiya H, Shibata T, Kobayashi K. | A female patient with adolescent-onset progressive myoclonus epilepsy carrying a truncating MECP2 mutation. | Brain Dev. | 45(10) | 597-602 | 2023 |
| Fujisawa Y, Masunaga Y, Tanikawa W, Nakashima S, Ueda D, Sano S, Fukami M, Saitsu H, Yazawa T, Ogata T. | Serum steroid metabolite profiling by LC-MS/MS in two phenotypic male patients with HSD17B3 deficiency: Implications for hormonal diagnosis. | J Steroid Biochem Mol Biol. | 234 | 106403 | 2023 |
| Fukatsu S, Miyamoto Y, Okawa Y, Ishibashi M, Shirai R, Ishida Y, Endo S, Kato H, Yamauchi J | Investigating the Protective Effects of a Citrus Flavonoid on the Retardation Morphogenesis of the Oligodendroglia-like Cell Line by Rnd2 Knockdown | Neurol. Int. | 16(1) | 33-61 | 2023 |
| Fukawa M, Shirai R, Torii T, Nakata K, Fukatsu S, Sato T, Homma K, Miyamoto Y, Yamauchi J | Extracellular HSPA5 is autocritically involved in the regulation of neuronal process elongation | Biochem. Biophys. Res. Commun. | 664 | 50-58 | 2023 |
| Fukushima N, Shirai R, Saito T, Nakamura S, Ochiai A, Miyamoto Y, Yamauchi J | Knockdown of Rab7B, But Not of Rab7A, Which Antagonistically Regulates Oligodendroglial Cell Morphological Differentiation, Recovers Tunicamycin-Induced Defective Differentiation in FBD-102b Cells | J. Mol. Neurosci. | 73(6) | 363-374 | 2023 |
| Hayashi Y, Sehara Y, Watanabe R, Ohba K, Takayanagi Y, Muramatsu K, Sakiyama Y, Mizukami H. | Therapeutic strategy for Fabry disease by intravenous administration of adeno-associated virus 2 or 9 in α -galactosidase A-deficient mice. | J Gene Med. | 25 | E3560 | 2023 |
| Hiroshi Sakuma, Jun-ichi Takanashi, Hidehito Kondou, et al | Severe pediatric acute encephalopathy syndromes triggered by SARS-CoV-2 | Front Neurosci | 17 | 1085082 | 2023 |

| | | | | | |
|---|--|----------------------------|--------|-----------|------|
| Ikeda A, Kumaki T, Tsuyusaki Y, Tsuji M, Enomoto Y, Fujita A, Saitsu H, Matsumoto N, Kurosawa K, Goto T. | Genetic and clinical features of pediatric-onset hereditary spastic paraplegia: a single-center study in Japan. | Front Neurol. | 14 | 1085228 | 2023 |
| Kanbara Y, Takeuchi C, Mochizuki Y, Osako M, Sasaki M, Hidehiko M | Medical needs of adults with Down syndrome in a regional medical and rehabilitation center in Japan | J of Nippon Medical School | 90 (2) | 10-219 | 2023 |
| Kato K, Kuroda T, Yamadera-Egawa R, Ezoe K, Aoyama N, Usami A, Miki T, Yamamoto T, Takeshita T | Preimplantation Genetic Testing for Aneuploidy for Recurrent Pregnancy Loss and Recurrent Implantation Failure in Minimal Ovarian Stimulation Cycle for Women Aged 35-42 Years: Live Birth Rate, Developmental Follow-up of Children, and Embryo Ranking | Reprod Sci | 30(3) | 974-983 | 2023 |
| Kato Y, Shirai R, Ohbuchi K, Oizumi H, Yamamoto M, Miyata W, Iguchi T, Mimaki Y, Miyamoto Y, Yamauchi J | Hesperetin Ameliorates Inhibition of Neuronal and Oligodendroglial Cell Differentiation Phenotypes Induced by Knockdown of Rab2b, an Autism Spectrum Disorder-Associated Gene Product | Neurol. Int. | 15(1) | 371-391 | 2023 |
| Kobayashi Y, Tohyama J, Akasaka N, Yamada K, Hojo M, Seki E, Miura M, Soma N, Ono T, Kato M, Nakashima M, Saitsu H, Matsumoto N. | The HCN1 p.Ser399Pro variant causes epileptic encephalopathy with super-refractory status epilepticus. | Hum Genome Var | 10(1) | 20 | 2023 |
| Kodama K, Aoyama H, Murakami Y, Takanashi J, Koshimizu, Miyatake S, Iwama K, Mizuguchi T, Matsumoto N, Omata T | A case of early-infantile onset, rapidly progressive leukoencephalopathy with calcifications and cysts caused by biallelic <i>SNORD118</i> variants. | Radiol Case Rep | 18 | 1217-1220 | 2023 |
| Koshu K, Muramatsu K, Maru T, Kurokawa Y, Mizobe Y, Yamagishi H, Matsubara D, Yokoyama K, Jimbo E, Kumagai H, Sanada Y, Sakuma Y, Fukushima N, Naritoku A, Yamagata T, Osaka H. | Neonatal onset of Niemann-Pick disease type C in a patient with cholesterol re-accumulation in the transplanted liver and inflammatory bowel disease. | Brain Dev. | 45 | 517-522 | 2023 |
| Kubota M, Haga N | Impact of the COVID-19 pandemic on families of patients with congenital insensitivity to pain with anhidrosis. | Ped Int | 65 | e15415 | 2023 |
| Kurane K, Wakae K, Yamagishi H, Kawahara Y, Ono M, Tamura D, Furuya K, Taga N, Matsuki M, Yamagata T, Muramatsu K. | The first case of hemorrhagic shock and encephalopathy syndrome with fulminant hypercytopenemia associated with pediatric COVID-19. | Brain Dev. | 46 | 44-48 | 2023 |

| | | | | | |
|---|--|---|--------|-----------|------|
| Kuroda Y, Matsufuji M, Enomoto Y, Osaka H, Takahashi JJ, Yamamoto T, Numata-Uematsu Y, Tabata K, Kurosawa K, Inoue K. | A de novo <i>U2AF2</i> heterozygous variant associated with hypomyelinating leukodystrophy. | <i>Am J Med Genet A</i> | 191(8) | 2245-2248 | 2023 |
| Kurosaka H, Yamamoto S, Hirasawa K, Yanagishita T, Fujioka K, Yagasaki H, Nagata M, Ishihara Y, Yonei A, Asano Y, Nagata N, Tsujimoto T, Inubushi T, Yamamoto T, Sakai N, Yamashiro T | Craniofacial and dental characteristics of three Japanese individuals with genetically diagnosed SATB2-associated syndrome | <i>Am J Med Genet A</i> | 191(7) | 1984-1989 | 2023 |
| Machida O, Sakamoto H, Yamamoto KS, Hasegawa Y, Niimi S, Okada H, Nishikawa K, Sumimoto SI, Nishi E, Okamoto N, Yamamoto T. | Haploinsufficiency of NKX2-1 is likely to contribute to developmental delay involving 14q13 microdeletions | <i>Intractable Rare Dis Res</i> | 13(1) | 36-41 | 2023 |
| Miura K, Kaneko N, Hashimoto T, Ishizuka K, Shirai Y, Hisano M, Chikamoto H, Akioka Y, Kanda S, Harita Y, Yamamoto T, Hattori M | Precise clinicopathologic findings for application of genetic testing in pediatric kidney transplant recipients with focal segmental glomerulosclerosis/steroid-resistant nephrotic syndrome | <i>Pediatr Nephrol</i> | 38(2) | 417-429 | 2023 |
| Miyamoto Y, Hattori K, Yamamachi J | Defective oligodendrocyte differentiation by hypomyelinating leukodystrophy 13 (HLD13)-associated mutation of Hiveshii | <i>Mol. Genet. Metab. Rep.</i> | 37 | 101017 | 2023 |
| Murofushi Y, Hayakawa I, Kawai M, Abe Y, Kosaki R, Suzuki H, Takenouchi T, Kubota M. | Oral baclofen therapy for multifocal spinal myoclonus with TBC1D24 variant. | <i>Movement Disorders Clinical Practice</i> | 10 | 719-721 | 2023 |
| Murofushi Y, Sakauma H, Tada H, Mizuguchi M, Takanashi J. | Changes in the treatment of pediatric acute encephalopathy in Japan between 2015 and 2021: a national questionnaire-based survey. | <i>Brain Dev</i> | 45 | 153-160 | 2023 |
| Myojin S, Michihata N, Shoji K, Takanashi JJ, et al. | Prognostic factors among patients with Shiga toxin-producing <i>Escherichia coli</i> hemolytic uremic syndrome: A retrospective cohort study using a nationwide inpatient database in Japan. | <i>J Infect Chemother</i> | 29 | 610-614 | 2023 |

| | | | | | |
|--|---|---------------------|---------|------------|------|
| Nakahara E, Yamamoto KS, Ogura H, Aoki T, Utsugisawa T, Azuma K, Akagawa H, Watanabe K, Muraoka M, Nakamura F, Kamei M, Tatebayashi K, Shinozuka J, Yamane T, Hibino M, Katsura Y, Nakano-Akamatsu S, Kadowaki N, Maru Y, Ito E, Ohga S, Yagasaki H, Morioaka I, Yamamoto T, Kanno H | Variant spectrum of PIEZO1 and KCNN4 in Japanese patients with dehydrated hereditary stomatocytosis | Hum Genome Var | 10(1) | 8 | 2023 |
| Numata-Uematsu Y, Wakatsuki S, Kobayashi-Ujiie Y, Sakai K, Ichinohe N, Araki T. | In vitro myelination using explant culture of dorsal root ganglia: An efficient tool for analyzing peripheral nerve differentiation and disease modeling. | PLoS One | 5 | e0285897 | 2023 |
| Ohori, S., Miyauchi, A., Osaka, H., Lourenco, C. M., Arakaki, N., Sengoku, T., Ogata, K., Honjo, R. S., Kim, C.A., Mitsuhashi, S., et al. | Biallelic structural variations within FGF12 detected by long-read sequencing in epilepsy. | Life Sci Alliance | 6(8) | e202302025 | 2023 |
| Oizumi H, Miyamoto Y, Seiwa C, Yamamoto M, Yoshioka N, Iizuka S, Torii T, Ohbuchi K, Mizoguchi K, Yamauchi J, Asou H | Lethal adulthood myelin breakdown by oligodendrocyte-specific Ddx54 knockout | iScience | 26(10) | 107448 | 2023 |
| Okabe M, Miyamoto Y, Ikoma Y, Takahashi M, Shirai R, Kukimoto-Niino M, Shirouzu M, Yamauchi J | RhoG-Binding Domain of Elmol1 Ameliorates Excessive Process Elongation Induced by Autism Spectrum Disorder-Associated Sema5A | Pathophysiology | 30(4) | 548-566 | 2023 |
| Osako M, Yamaoka Y, Takeuchi C, Mochizuki Y, Fujiwara T | Health care transition for cerebral palsy with intellectual disabilities: A systematic review | Rev Neurol (Paris) | 179 (6) | 85-598 | 2023 |
| Saito R, Murofushi Y, Kimura S, Yasukawa K, Murayama K, Takanashi J. | Multimodal MR imaging in acute exacerbation of methylmalonic academia | Radiol Case Reports | 18 | 1010-1014 | 2023 |
| Sakuma H, Takanashi JI, Muramatsu K, Kondo H, Shiihara T, Suzuki M, Okanari K, Kasai M, Mitani O, Nakazawa T, Omata T, Shimoda K, Abe Y, Maegaki Y, Murayama K, Murofushi Y, Nagase H, Okumura A, Sakai Y, Tada H, Mizuguchi M | Japanese Pediatric Neuro-COVID-19 Study Group. Severe pediatric acute encephalopathy syndromes related to SARS-CoV-2. | Front Neurosci | 17 | 1085082 | 2023 |
| Sano K, Miya F, Kato M, Omata T, Takanashi J. | Neurochemistry evaluated by magnetic resonance spectroscopy in a patient with <i>FBX028</i> -related developmental and epileptic encephalopathy | Brain Dev | 45 | 583-587 | 2023 |

| | | | | | |
|--|--|--------------------------|--------|-----------|------|
| Shimojima Yamamoto K, Tamura T, Okamoto N, Nishi E, Noguchi A, Takahashi I, Sawaishi Y, Shimizu M, Kanno H, Minakuchi Y, Toyoda A, Yamamoto T | Identification of small-sized intrachromosomal segments at the ends of INV-DUP-DEL patterns | J Hum Genet | 68(11) | 751-757 | 2023 |
| Shimomura R, Yanagishita T, Ishiguro K, Shichiji M, Sato T, Shimojima Yamamoto K, Nagata M, Ishihara Y, Miyashita Y, Ishigaki K, Nagata S, Asano Y, Yamamoto T | Rare mosaic variant of GJA1 in a patient with a neurodevelopmental disorder | Hum Genome Var | 11(1) | 2 | 2023 |
| Shimojima Yamamoto K, Yoshimura A, Yamamoto T | Biallelic KCTD3 nonsense variant derived from paternal uniparental isodisomy of chromosome 1 in a patient with developmental epileptic encephalopathy and distinctive features | Hum Genome Var | 10(1) | 22 | 2023 |
| Shirai R, Cho M, Isogai M, Fukatsu S, Okabe M, Okawa M, Miyamoto Y, Torii T, Yamauchi J | FTD/ALS Type 7-Associated Thr104Asn Mutation of CHMP2B Blunts Neuronal Process Elongation, and Is Recovered by Knockdown of Arf4, the Golgi Stress Regulator | Neurol. Int. | 15(3) | 980-993 | 2023 |
| Shirakawa Y, Li H, Inoue Y, Izumi H, Kaga Y, Goto YI, Inoue K, Inagaki M. | Abnormality in GABAergic postsynaptic transmission associated with anxiety in Bronx waltzer mice with an Srrm4 mutation. | <i>IBRO Neurosci Rep</i> | 16 | 67-77 | 2023 |
| Takanashi J, Uetani H | Neuroimaging in acute infection-triggered encephalopathy syndromes. | Front Neurisci | 17 | 1235364 | 2023 |
| Tamura T, Shimojima Yamamoto K, Imaizumi T, Yamamoto H, Miyamoto Y, Yagasaki H, Morioka I, Kanno H, Yamamoto T | Breakpoint analysis for cytogenetically balanced translocation revealed unexpected complex structural abnormalities and suggested the position effect for MEF2C | Am J Med Genet A | 191(6) | 1632-1638 | 2023 |
| Tamura T, Yamamoto Shimojima K, Okamoto N, Yagasaki H, Morioka I, Kanno H, Minakuchi Y, Toyoda A, Yamamoto T | Long-read sequence analysis for clustered genomic copy number aberrations revealed architectures of intricately intertwined rearrangements | Am J Med Genet A | 191(1) | 112-119 | 2023 |
| Tamura T, Yamamoto Shimojima K, Shiihara T, Sakazume S, Okamoto N, Yagasaki H, Morioka I, Kanno H, Yamamoto T | Interstitial microdeletions of 3q26.2q26.31 in two patients with neurodevelopmental delay and distinctive features | Am J Med Genet A | 191(2) | 400-407 | 2023 |

| | | | | | |
|--|--|------------------|---------|-------------------|------|
| Torii K, Nishina S, Morikawa H, Mizobuchi K, Takayama M, Tachibana N, Kuratama K, Hikoya A, Sato M, Nakano T, Fukami M, Azuma N, Hayashi T, Saitsu H, Hotta Y. | The Structural Abnormalities Are Deeply Involved in the Cause of RPGRIP1-Related Retinal Dystrophy in Japanese Patients. | Int J Mol Sci. | 24(18) | 13678 | 2023 |
| Torii T, Yamauchi J | Molecular Pathogenic Mechanisms of Hypomyelinating Leukodystrophies (HLDs) | Neurol. Int. | 15(3) | 1155-1173 | 2023 |
| Watanabe K, Kubota K, Nakashima M*, Saitsu H* | A case of infantile spasms with three possibly pathogenic de novo missense variants in NF1 and GABBR1. | Hum Genome Var. | 10(1) | 30 | 2023 |
| Yamashita K, Kikuchi K, Hatai E Fujii, F, Chong P F, Sakai Y, Saitsu H, Inoue K, Togao O, Ishigami K. | Diagnostic MR imaging features of hypomyelination of early myelinating structures: A case report. | Neuroradiol J | Dec 25 | 19714009231224419 | 2023 |
| Yiu RS, Ling TK, Ko CH, Poon SW, Poon GW, Wong FC, Law CY, Iwayama H, Lam CW. | Allan-Herndon-Dudley syndrome in Hong Kong: Implication for newborn screening. | Clin Chim Acta | 551 | 117621 | 2023 |
| Yoh Y, Shiohama T, Uchida T, Ebata R, Kobayashi H, Okunushi K, Kato M, Watanabe K, Nakashima M, Saitsu H, Hamada H. | Case report: Progressive pulmonary artery hypertension in a case of megalencephaly-capillary malformation syndrome. | Front Genet. | 14 | 1221745 | 2023 |
| Yukiko Kuroda, Mayumi Matsufuji, Yumi Enomoto, Hitoshi Osaka, Jun-ichi Takayashi, et al. | A de novo U2AF2 heterozygous variant associated with hypomyelinating leukodystrophy. | Am J Med Genet A | 191 | 2245-2248 | 2023 |
| 河野岳生, 近藤孝之, 井上治久 | iPS細胞とAIによる神経変性疾患早期診断の展望 | NEURO LOGICA | 7 | 6-9 | 2023 |
| 黒澤健司 | 先天異常症候群 | 小児科臨床 | 76 | 193-196 | 2023 |
| 鈴木英文, 今村恵子, 井上治久 | iPS細胞技術を用いた神経変性疾患研究 | 実験医学増刊 | 41 (12) | 144-149 | 2023 |
| 宗実悠佳, 行武洋, 今村恵子, 井上治久 | iPS細胞データと人工知能を用いた神経変性疾患研究 | 実験医学増刊 | 41 (15) | 191-196 | 2023 |
| 村田静風, 今村恵子, 井上治久 | 疾患特異的iPS細胞によるALS創薬 | BIO Clinica | 38 (11) | 3-9 | 2023 |