【2018 年】

＜遺伝、染色体異常、先天奇形＞

Arimitsu T., Minagawa Y., Yagihashi T., M O. Uchida, Matsuzaki A., Ikeda K., Takahashi T. The cerebral hemodynamic response to phonetic changes of speech in preterm and term infants: The impact of postmenstrual age. *Neuroimage Clin* 2018; 19599-606. <doi:10.1016/j.nicl.2018.05.005>.
https://www.ncbi.nlm.nih.gov/pubmed/29984167

Chai M., Sanosaka T., Okuno H., Zhou Z., Koya I., Banno S., Andoh-Noda T., Tabata Y., Shimamura R., Hayashi T., Ebisawa M., Sasagawa Y., Nikaido I., Okano H., Kohyama J. Chromatin remodeler CHD7 regulates the stem cell identity of human neural progenitors. *Genes Dev* 2018; 32(2): 165-180. <doi:10.1101/gad.301887.117>.
https://www.ncbi.nlm.nih.gov/pubmed/29440260

Harigai R., Sakai S., Nobusue H., Hirose C., Sampetrean O., Minami N., Hata Y., Kasama T., Hirose T., Takenouchi T., Kosaki K., Kishi K., Saya H., Arima Y. Tranilast inhibits the expression of genes related to epithelial-mesenchymal transition and angiogenesis in neurofibromin-deficient cells. *Sci Rep* 2018; 8(1): 6069. <doi:10.1038/s41598-018-24484-y>.
https://www.ncbi.nlm.nih.gov/pubmed/29666462

Hiraide T., Kataoka M., Suzuki H., Aimi Y., Chiba T., Kanekura K., Satoh T., Fukuda K., Gamou S., Kosaki K. SOX17 Mutations in Japanese Patients with Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med* 2018; 198(9): 1231-1233. <doi:10.1164/rccm.201804-0766LE>.
https://www.ncbi.nlm.nih.gov/pubmed/30044643

Hori I., Miya F., Negishi Y., Hattori A., Ando N., Boroevich K. A., Okamoto N., Kato M., Tsunoda T., Yamasaki M., Kanemura Y., Kosaki K., Saitoh S. A novel homozygous missense mutation in the SH3-binding motif of STAMBP causing microcephaly-capillary malformation syndrome. *J Hum Genet* 2018; 63(9): 957-963. <doi:10.1038/s10038-018-0482-3>.
https://www.ncbi.nlm.nih.gov/pubmed/29907875

Ichimiya Y., Wada Y., Kunishima S., Tsukamoto K., Kosaki R., Sago H., Ishiguro A., Ito Y. 11q23 deletion syndrome (Jacobsen syndrome) with severe bleeding: a case report. *J Med Case Rep* 2018; 12(1): 3. <doi:10.1186/s13256-017-1535-5>.

https://www.ncbi.nlm.nih.gov/pubmed/29307309

Kawaguchi T., Yoshida T., Hirahashi J., Uehara T., Takenouchi T., Kosaki K., Itoh H., Hayashi M. Expanding Phenotype of Nephronophthisis-Related Ciliopathy: an Elderly Patient with Homozygous RPGRIP1L Mutation. *Nephron* 2018; 140(1): 74-78. <doi:10.1159/000490770>.
https://www.ncbi.nlm.nih.gov/pubmed/29991045

Kosaki R., Horikawa R., Fujii E., Kosaki K. Biallelic mutations in LARS2 can cause Perrault syndrome type 2 with neurologic symptoms. *Am J Med Genet A* 2018; 176(2): 404-408. <doi:10.1002/ajmg.a.38552>.
https://www.ncbi.nlm.nih.gov/pubmed/29205794

Kosaki R., Ono H., Terashima H., Kosaki K. Timothy syndrome-like condition with syndactyly but without prolongation of the QT interval. *Am J Med Genet A* 2018; 176(7): 1657-1661. <doi:10.1002/ajmg.a.38833>.
https://www.ncbi.nlm.nih.gov/pubmed/29736926

Kusano C, Hori N., Izawa K., Kosaki R., Nishimura G., Hasegawa T. Trismus-pseudocamptodactyly syndrome with bilateral hypoplastic mandibular condyles and shallow mandibular fossa: A case report. *Oral Science International* 2018; 15(2): 90-92. <doi:10.1016/s1348-8643(18)30008-9>.
https://dx.doi.org/10.1016/s1348-8643(18)30008-9

Morimoto N., Mutai H., Namba K., Kaneko H., Kosaki R., Matsunaga T. Homozygous EDNRB mutation in a patient with Waardenburg syndrome type 1. *Auris Nasus Larynx* 2018; 45(2): 222-226. <doi:10.1016/j.anl.2017.03.022>.
https://www.ncbi.nlm.nih.gov/pubmed/28502583

Okada Y., Momozawa Y., Sakaue S., Kanai M., Ishigaki K., Akiyama M., Kishikawa T., Arai Y., Sasaki T., Kosaki K., Suematsu M., Matsuda K., Yamamoto K., Kubo M., Hirose N., Kamatani Y. Deep whole-genome sequencing reveals recent selection signatures linked to evolution and disease risk of Japanese. *Nat Commun* 2018; 9(1): 1631. <doi:10.1038/s41467-018-03274-0>.
https://www.ncbi.nlm.nih.gov/pubmed/29691385

Saito A., Ooki A., Nakamura T., Onodera S., Hayashi K., Hasegawa D., Okudaira T., Watanabe K., Kato H., Onda T., Watanabe A., Kosaki K., Nishimura K., Ohtaka M., Nakanishi M., Sakamoto T., Yamaguchi A., Sueishi K., Azuma T. Targeted reversion of induced pluripotent stem cells from patients with human cleidocranial dysplasia improves bone regeneration in a rat calvarial bone defect model. *Stem Cell Res Ther* 2018; 9(1): 12. <doi:10.1186/s13287-017-0754-4>.
https://www.ncbi.nlm.nih.gov/pubmed/29357927

Sakaguchi Y., Uehara T., Suzuki H., Sakamoto Y., Fujiwara M., Kosaki K., Takenouchi T. Haploinsufficiency of NCOR1 associated with autism spectrum disorder, scoliosis, and abnormal palatogenesis. *Am J Med Genet A* 2018; 176(11): 2466-2469. <doi:10.1002/ajmg.a.40354>.
https://www.ncbi.nlm.nih.gov/pubmed/30289594

Shigemizu D., Miya F., Akiyama S., Okuda S., Boroevich K. A., Fujimoto A., Nakagawa H., Ozaki K., Niida S., Kanemura Y., Okamoto N., Saitoh S., Kato M., Yamasaki M., Matsunaga T., Mutai H., Kosaki K., Tsunoda T. IMSindel: An accurate intermediate-size indel detection tool incorporating de novo assembly and gapped global-local alignment with split read analysis. *Sci Rep* 2018; 8(1): 5608. <doi:10.1038/s41598-018-23978-z>.
https://www.ncbi.nlm.nih.gov/pubmed/29618752

Suzuki H., Kataoka M., Hiraide T., Aimi Y., Yamada Y., Katsumata Y., Chiba T., Kanekura K., Isobe S., Sato Y., Satoh T., Gamou S., Fukuda K., Kosaki K. Genomic Comparison With Supercentenarians Identifies RNF213 as a Risk Gene for Pulmonary Arterial Hypertension. *Circ Genom Precis Med* 2018; 11(12): e002317. <doi:10.1161/CIRCGEN.118.002317>.
https://www.ncbi.nlm.nih.gov/pubmed/30562119

Takenouchi T., Inaba M., Uehara T., Takahashi T., Kosaki K., Mizuno S. Biallelic mutations in NALCN: Expanding the genotypic and phenotypic spectra of IHPRF1. *Am J Med Genet A* 2018; 176(2): 431-437. <doi:10.1002/ajmg.a.38543>.
https://www.ncbi.nlm.nih.gov/pubmed/29168298

Takenouchi T., Sakamoto Y., Sato H., Suzuki H., Uehara T., Ohsone Y., Kosaki K. Ablepharon and craniosynostosis in a patient with a localized TWIST1 basic domain substitution. *Am J Med Genet A* 2018; 176(12): 2777-2780. <doi:10.1002/ajmg.a.40525>.
https://www.ncbi.nlm.nih.gov/pubmed/30450715

Takenouchi T., Uehara T., Kosaki K., Mizuno S. Growth pattern of Rahman syndrome. *Am J Med Genet A* 2018; 176(3): 712-714. <doi:10.1002/ajmg.a.38616>.
https://www.ncbi.nlm.nih.gov/pubmed/29383847

Uehara T., Hosogaya N., Matsuo N., Kosaki K. Systemic lupus erythematosus in a patient with Noonan syndrome-like disorder with loose anagen hair 1: More than a chance association. *Am J Med Genet A* 2018; 176(7): 1662-1666. <doi:10.1002/ajmg.a.38834>.
https://www.ncbi.nlm.nih.gov/pubmed/29737035

Uehara T., Ishige T., Hattori S., Yoshihashi H., Funato M., Yamaguchi Y., Takenouchi T., Kosaki K. Three patients with DeSanto-Shinawi syndrome: Further phenotypic delineation. *Am J Med Genet A* 2018; 176(6): 1335-1340. <doi:10.1002/ajmg.a.38703>.
https://www.ncbi.nlm.nih.gov/pubmed/29663678

Uehara T., Takenouchi T., Kosaki R., Kurosawa K., Mizuno S., Kosaki K. Redefining the phenotypic spectrum of de novo heterozygous CDK13 variants: Three patients without cardiac defects. *Eur J Med Genet* 2018; 61(5): 243-247. <doi:10.1016/j.ejmg.2017.12.004>.
https://www.ncbi.nlm.nih.gov/pubmed/29222009

Yasuhara J., Omori S., Maeda J., Nakagawa N., Kamada M., Kosaki K., Aeba R., Yamagishi H. Successful Total Pericardiectomy for Constrictive Pericarditis in the First Series of Japanese Patients With Mulibrey Nanism. *Can J Cardiol* 2018; 34(5): 690 e695-690 e698. <doi:10.1016/j.cjca.2018.02.008>.
https://www.ncbi.nlm.nih.gov/pubmed/29731032

Yoshioka M., Morisada N., Toyoshima D., Yoshimura H., Nishio H., Iijima K., Takeshima Y., Uehara T., Kosaki K. Novel BICD2 mutation in a Japanese family with autosomal dominant lower extremity-predominant spinal muscular atrophy-2. *Brain Dev* 2018; 40(4): 343-347. <doi:10.1016/j.braindev.2017.12.001>.
https://www.ncbi.nlm.nih.gov/pubmed/29273277

＜栄養障害、代謝性疾患、消化器疾患＞

Inokuchi M., Matsuo N., J I. Takayama, Hasegawa T. Prevalence of central fatness in 1992-1994: 40% of Japanese boys 6-17 years. *Endocr J* 2018; 65(2): 213-220. <doi:10.1507/endocrj.EJ17-0357>.

https://www.ncbi.nlm.nih.gov/pubmed/29225206

Inokuchi M., Matsuo N., Takayama J. I., Hasegawa T. WHO 2006 Child Growth Standards overestimate short stature and underestimate overweight in Japanese children. *J Pediatr Endocrinol Metab* 2018; 31(1): 33-38. <doi:10.1515/jpem-2017-0303>.
https://www.ncbi.nlm.nih.gov/pubmed/29267170

Takenouchi T., Uehara T., Kosaki K., Mizuno S. Growth pattern of Rahman syndrome. *Am J Med Genet A* 2018; 176(3): 712-714. <doi:10.1002/ajmg.a.38616>.
https://www.ncbi.nlm.nih.gov/pubmed/29383847

＜血液疾患、腫瘍＞

Alexander T. B., Gu Z., Iacobucci I., Dickerson K., Choi J. K., Xu B., Payne-Turner D., Yoshihara H., Loh M. L., Horan J., Buldini B., Basso G., Elitzur S., de Haas V., Zwaan C. M., Yeoh A., Reinhardt D., Tomizawa D., Kiyokawa N., Lammens T., De Moerloose B., Catchpoole D., Hori H., Moorman A., Moore A. S., Hrusak O., Meshinchi S., Orgel E., Devidas M., Borowitz M., Wood B., Heerema N. A., Carrol A., Yang Y. L., Smith M. A., Davidsen T. M., Hermida L. C., Gesuwan P., Marra M. A., Ma Y., Mungall A. J., Moore R. A., Jones S. J. M., Valentine M., Janke L. J., Rubnitz J. E., Pui C. H., Ding L., Liu Y., Zhang J., Nichols K. E., Downing J. R., Cao X., Shi L., Pounds S., Newman S., Pei D., Guidry Auvil J. M., Gerhard D. S., Hunger S. P., Inaba H., Mullighan C. G. The genetic basis and cell of origin of mixed phenotype acute leukaemia. *Nature* 2018; 562(7727): 373-379. <doi:10.1038/s41586-018-0436-0>.
https://www.ncbi.nlm.nih.gov/pubmed/30209392

Amano H., Uchida H., Tanaka Y., Tainaka T., Mori M., Oguma E., Kishimoto H., Kawashima H., Arakawa Y., Hanada R., Koh K. Excellent prognosis of patients with intermediate-risk neuroblastoma and residual tumor postchemotherapy. *J Pediatr Surg* 2018; 53(9): 1761-1765. <doi:10.1016/j.jpedsurg.2017.10.061>.
https://www.ncbi.nlm.nih.gov/pubmed/29195808

Churchman M. L., Qian M., Te Kronnie G., Zhang R., Yang W., Zhang H., Lana T., Tedrick P., Baskin R., Verbist K., Peters J. L., Devidas M., Larsen E., Moore I. M., Gu Z., Qu C., Yoshihara H., Porter S. N., Pruett-Miller S. M., Wu G., Raetz E., Martin P. L., Bowman W. P., Winick N., Mardis E., Fulton R., Stanulla M., Evans W. E., Relling M. V., Pui C. H., Hunger S. P., Loh M. L., Handgretinger R., Nichols K. E., Yang J. J., Mullighan C. G.

Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. *Cancer Cell* 2018; 33(5): 937-948 e938. <doi:10.1016/j.ccell.2018.03.021>.
https://www.ncbi.nlm.nih.gov/pubmed/29681510

Iijima-Yamashita Y., Matsuo H., Yamada M., Deguchi T., Kiyokawa N., Shimada A., Tawa A., Takahashi H., Tomizawa D., Taga T., Kinoshita A., Adachi S., Horibe K. Multiplex fusion gene testing in pediatric acute myeloid leukemia. *Pediatr Int* 2018; 60(1): 47-51. <doi:10.1111/ped.13451>.
https://www.ncbi.nlm.nih.gov/pubmed/29105243

Koga Y., Baba S., Fukano R., Nakamura K., Soejima T., Maeda N., Sunami S., Ueyama J., Mitsui T., Mori T., Osumi T., Sekimizu M., Ohki K., Tanaka F., Kamei M., Fujita N., Mori T., Saito A. M., Kada A., Kobayashi R. The Effect of Interim FDG-PET-guided Response-Adapted Therapy in Pediatric Patients with Hodgkin's Lymphoma (HL-14) : Protocol for a Phase II Study. *Acta Med Okayama* 2018; 72(4): 437-440. <doi:10.18926/AMO/56185>.
https://www.ncbi.nlm.nih.gov/pubmed/30140095

Kurosawa H., Tanizawa A., Muramatsu H., Tono C., Watanabe A., Shima H., Ito M., Yuza Y., Hamamoto K., Hotta N., Okada M., Saito A. M., Manabe A., Mizutani S., Adachi S., Horibe K., Ishii E., Shimada H. Sequential use of second-generation tyrosine kinase inhibitors following imatinib therapy in pediatric chronic myeloid leukemia: A report from the Japanese Pediatric Leukemia/Lymphoma Study Group. *Pediatr Blood Cancer* 2018; 65(12): e27368. <doi:10.1002/pbc.27368>.
https://www.ncbi.nlm.nih.gov/pubmed/30084127

Kuwatsuka Y., Tomizawa D., Kihara R., Nagata Y., Shiba N., Iijima-Yamashita Y., Shimada A., Deguchi T., Miyachi H., Tawa A., Taga T., Kinoshita A., Nakayama H., Kiyokawa N., Saito A. M., Koh K., Goto H., Kosaka Y., Asou N., Ohtake S., Miyawaki S., Miyazaki Y., Sakura T., Ozawa Y., Usui N., Kanamori H., Ito Y., Imai K., Suehiro Y., Kobayashi S., Kitamura K., Sakaida E., Ogawa S., Naoe T., Hayashi Y., Horibe K., Manabe A., Mizutani S., Adachi S., Kiyoi H. Prognostic value of genetic mutations in adolescent and young adults with acute myeloid leukemia. *Int J Hematol* 2018; 107(2): 201-210. <doi:10.1007/s12185-017-2340-z>.
https://www.ncbi.nlm.nih.gov/pubmed/29027108

Matsuo H., Iijima-Yamashita Y., Yamada M., Deguchi T., Kiyokawa N., Shimada A., Tawa

A., Tomizawa D., Taga T., Kinoshita A., Adachi S., Horibe K. Monitoring of fusion gene transcripts to predict relapse in pediatric acute myeloid leukemia. *Pediatr Int* 2018; 60(1): 41-46. <doi:10.1111/ped.13440>.
https://www.ncbi.nlm.nih.gov/pubmed/29067751

Mitsui-Sekinaka K., Sekinaka Y., Ogura Y., Honda M., Ohyama R., Oyama C., Isobe K., Mori M., Arakawa Y., Koh K., Hanada R., Nonoyama S., Kawaguchi H. A pediatric case of acute megakaryocytic leukemia with double chimeric transcripts of CBFA2T3-GLIS2 and DHH-RHEBL1. *Leuk Lymphoma* 2018; 59(6): 1511-1513. <doi:10.1080/10428194.2017.1387901>.
https://www.ncbi.nlm.nih.gov/pubmed/29043865

Morimoto A., Shioda Y., Imamura T., Kudo K., Kitoh T., Kawaguchi H., Goto H., Kosaka Y., Tsunematsu Y., Imashuku S., Japan L. C. H. Study Group. Intensification of induction therapy and prolongation of maintenance therapy did not improve the outcome of pediatric Langerhans cell histiocytosis with single-system multifocal bone lesions: results of the Japan Langerhans Cell Histiocytosis Study Group-02 Protocol Study. *Int J Hematol* 2018; 108(2): 192-198. <doi:10.1007/s12185-018-2444-0>.
https://www.ncbi.nlm.nih.gov/pubmed/29594922

Nogami K., Shima M., Fukutake K., Fujii T., Taki M., Matsushita T., Higasa S., Sato T., Sakai M., Arai M., Uchikawa H., Engl W., Abbuehl B., Konkle B. A. Correction to: Efficacy and safety of full-length pegylated recombinant factor VIII with extended half-life in previously treated patients with hemophilia A: comparison of data between the general and Japanese study populations. *Int J Hematol* 2018; 107(1): 123-124. <doi:10.1007/s12185-017-2369-z>.
https://www.ncbi.nlm.nih.gov/pubmed/29149425

Nogami K., Takedani H., Shima M., Yoshioka A., Matsushita T., Takamatsu J., Taki M., Fukutake K., Uchikawa H., Takagi H., Arai M., Engl W., Shirahata A. Perioperative safety and hemostatic efficacy of Advate((R)) in patients with hemophilia A in a postmarketing surveillance in Japan. *Int J Hematol* 2018; 108(1): 22-29. <doi:10.1007/s12185-018-2434-2>.
https://www.ncbi.nlm.nih.gov/pubmed/29594923

Osumi T., Tsujimoto S. I., Nakabayashi K., Taniguchi M., Shirai R., Yoshida M., Uchiyama

T., Nagasawa J., Goyama S., Yoshioka T., Tomizawa D., Kurokawa M., Matsubara Y., Kiyokawa N., Matsumoto K., Hata K., Kato M. Somatic MECOM mosaicism in a patient with congenital bone marrow failure without a radial abnormality. *Pediatr Blood Cancer* 2018; 65(6): e26959. <doi:10.1002/pbc.26959>.
https://www.ncbi.nlm.nih.gov/pubmed/29356389

Osumi T., Tsujimoto S. I., Tamura M., Uchiyama M., Nakabayashi K., Okamura K., Yoshida M., Tomizawa D., Watanabe A., Takahashi H., Hori T., Yamamoto S., Hamamoto K., Migita M., Ogata-Kawata H., Uchiyama T., Kizawa H., Ueno-Yokohata H., Shirai R., Seki M., Ohki K., Takita J., Inukai T., Ogawa S., Kitamura T., Matsumoto K., Hata K., Kiyokawa N., Goyama S., Kato M. Recurrent RARB Translocations in Acute Promyelocytic Leukemia Lacking RARA Translocation. *Cancer Res* 2018; 78(16): 4452-4458. <doi:10.1158/0008-5472.CAN-18-0840>.
https://www.ncbi.nlm.nih.gov/pubmed/29921692

Sekimizu M., Osumi T., Fukano R., Koga Y., Kada A., Saito A. M., Mori T. A Phase I/II Study of Crizotinib for Recurrent or Refractory Anaplastic Lymphoma Kinase-Positive Anaplastic Large Cell Lymphoma and a Phase I Study of Crizotinib for Recurrent or Refractory Neuroblastoma : Study Protocol for a Multicenter Single-arm Open-label Trial. *Acta Med Okayama* 2018; 72(4): 431-436. <doi:10.18926/AMO/56184>.
https://www.ncbi.nlm.nih.gov/pubmed/30140094

Shima H., Takamatsu-Ichihara E., Shino M., Yamagata K., Katsumoto T., Aikawa Y., Fujita S., Koseki H., Kitabayashi I. Ring1A and Ring1B inhibit expression of Glis2 to maintain murine MOZ-TIF2 AML stem cells. *Blood* 2018; 131(16): 1833-1845. <doi:10.1182/blood-2017-05-787226>.
https://www.ncbi.nlm.nih.gov/pubmed/29371181

Shima H., Yamada Y., Asanuma H., Shimada H. High-dose chemotherapy without whole lung radiation for refractory pulmonary metastases in an infant with stage IV favorable histology Wilms tumor. *Pediatr Blood Cancer* 2018; 65(8): e27078. <doi:10.1002/pbc.27078>.
https://www.ncbi.nlm.nih.gov/pubmed/29676506

Shimada A., Iijima-Yamashita Y., Tawa A., Tomizawa D., Yamada M., Norio S., Watanabe T., Taga T., Iwamoto S., Terui K., Moritake H., Kinoshita A., Takahashi H., Nakayama H., Koh K., Goto H., Kosaka Y., Saito A. M., Kiyokawa N., Horibe K., Hara Y., Oki K.,

Hayashi Y., Tanaka S., Adachi S. Risk-stratified therapy for children with FLT3-ITD-positive acute myeloid leukemia: results from the JPLSG AML-05 study. *Int J Hematol* 2018; 107(5): 586-595. <doi:10.1007/s12185-017-2395-x>.
https://www.ncbi.nlm.nih.gov/pubmed/29330746

Shimada H., Kada A., Shima H., Tono C., Yuza Y., Kurosawa H., Watanabe A., Ito M., Uryu H., Kamibeppu K., Kiyokawa N., Adachi S., M. Saito A., Tanizawa A. Rationale and Design of a Prospective, Multicentre, Stop Tyrosine Kinase Inhibitor Trial of Paediatric Patients with Chronic Myeloid Leukaemia with Sustained Complete Molecular Response (STKI-14). *Hiroshima Journal of Medical Sciences* 2018; 67(1): 7-13. <doi:10.24811/hjms.67.1_7>
https://dx.doi.org/10.24811/hjms.67.1_7

Suttorp M., Metzler M., Millot F., Shimada H., Bansal D., Gunes A. M., Kalwak K., Sedlacek P., Baruchel A., Biondi A., Hijiya N., Schultz K. R., Schrappe M. Generic formulations of imatinib for treatment of Philadelphia chromosome-positive leukemia in pediatric patients. *Pediatr Blood Cancer* 2018; 65(12): e27431. <doi:10.1002/pbc.27431>.
https://www.ncbi.nlm.nih.gov/pubmed/30160364

Takahashi H., Kajiwara R., Kato M., Hasegawa D., Tomizawa D., Noguchi Y., Koike K., Toyama D., Yabe H., Kajiwara M., Fujimura J., Sotomatsu M., Ota S., Maeda M., Goto H., Kato Y., Mori T., Inukai T., Shimada H., Fukushima K., Ogawa C., Makimoto A., Fukushima T., Ohki K., Koh K., Kiyokawa N., Manabe A., Ohara A. Treatment outcome of children with acute lymphoblastic leukemia: the Tokyo Children's Cancer Study Group (TCCSG) Study L04-16. *Int J Hematol* 2018; 108(1): 98-108. <doi:10.1007/s12185-018-2440-4>.
https://www.ncbi.nlm.nih.gov/pubmed/29589281

Tsujimoto S., Osumi T., Uchiyama M., Shirai R., Moriyama T., Nishii R., Yamada Y., Kudo K., Sekiguchi M., Arakawa Y., Yoshida M., Uchiyama T., Terui K., Ito S., Koh K., Takita J., Ito E., Tomizawa D., Manabe A., Kiyokawa N., Yang J. J., Kato M. Diplotype analysis of NUDT15 variants and 6-mercaptopurine sensitivity in pediatric lymphoid neoplasms. *Leukemia* 2018; 32(12): 2710-2714. <doi:10.1038/s41375-018-0190-1>.
https://www.ncbi.nlm.nih.gov/pubmed/29967377

Tsujimoto S. I., Nakano Y., Osumi T., Okada K., Ouchi-Uchiyama M., Kataoka K., Fujii Y., Ohki K., Seki M., Tamagawa N., Takita J., Ogawa S., Kiyokawa N., Hara J., Kato M. A Cryptic NUP214-ABL1 Fusion in B-cell Precursor Acute Lymphoblastic Leukemia. *J Pediatr*

Hematol Oncol 2018; 40(6): e397-e399. <doi:10.1097/MPH.0000000000001007>.
https://www.ncbi.nlm.nih.gov/pubmed/29219890

Ueno-Yokohata H., Okita H., Nakasato K., Hishiki T., Shirai R., Tsujimoto S., Osumi T., Yoshimura S., Yamada Y., Shioda Y., Kiyotani C., Terashima K., Miyazaki O., Matsumoto K., Kiyokawa N., Yoshioka T., Kato M. Preoperative diagnosis of clear cell sarcoma of the kidney by detection of BCOR internal tandem duplication in circulating tumor DNA. *Genes Chromosomes Cancer* 2018; 57(10): 525-529. <doi:10.1002/gcc.22648>.
https://www.ncbi.nlm.nih.gov/pubmed/30126017

Watanabe K., Arakawa Y., Oguma E., Uehara T., Yanagi M., Oyama C., Ikeda Y., Sasaki K., Isobe K., Mori M., Hanada R., Koh K. Characteristics of methotrexate-induced stroke-like neurotoxicity. *Int J Hematol* 2018; 108(6): 630-636. <doi:10.1007/s12185-018-2525-0>.
https://www.ncbi.nlm.nih.gov/pubmed/30182170

Yamazaki F., Shima H., Osumi T., Narumi S., Kuroda T.,Shimada H. Nodular Lymphocyte-predominant Hodgkin Lymphoma in a 15-Year-Old Boy With Li-Fraumeni Syndrome Having a Germline TP53 D49H Mutation. *J Pediatr Hematol Oncol* 2018; 40(3): e195-e197. <doi:10.1097/MPH.0000000000000948>.
https://www.ncbi.nlm.nih.gov/pubmed/28902083

Yoshida M., Osumi T., Imadome K. I., Tomizawa D., Kato M., Miyazawa N., Ito R., Nakazawa A., Matsumoto K. Successful treatment of systemic EBV positive T-cell lymphoma of childhood using the SMILE regimen. *Pediatr Hematol Oncol* 2018; 35(2): 121-124. <doi:10.1080/08880018.2018.1459982>.
https://www.ncbi.nlm.nih.gov/pubmed/29648917

＜呼吸器疾患、アレルギー＞

Arae K., Morita H., Unno H., Motomura K., Toyama S., Okada N., Ohno T., Tamari M., Orimo K., Mishima Y., Suto H., Okumura K., Sudo K., Miyazawa H., Taguchi H., Saito H., Matsumoto K., Nakae S. Chitin promotes antigen-specific Th2 cell-mediated murine asthma through induction of IL-33-mediated IL-1beta production by DCs. *Sci Rep* 2018; 8(1): 11721. <doi:10.1038/s41598-018-30259-2>.
https://www.ncbi.nlm.nih.gov/pubmed/30082755

Funata K., Shike T., Takenouchi T., Yamashita Y., Takahashi T. Respiratory arrest at the

onset of idiopathic childhood occipital epilepsy of Gastaut. *Brain Dev* 2018; 40(1): 74-76. <doi:10.1016/j.braindev.2017.06.009>.
https://www.ncbi.nlm.nih.gov/pubmed/28734692

Hiraishi Y., Yamaguchi S., Yoshizaki T., Nambu A., Shimura E., Takamori A., Narushima S., Nakanishi W., Asada Y., Numata T., Suzukawa M., Yamauchi Y., Matsuda A., Arae K., Morita H., Hoshino T., Suto H., Okumura K., Matsumoto K., Saito H., Sudo K., Iikura M., Nagase T., Nakae S. IL-33, IL-25 and TSLP contribute to development of fungal-associated protease-induced innate-type airway inflammation. *Sci Rep* 2018; 8(1): 18052. <doi:10.1038/s41598-018-36440-x>.
https://www.ncbi.nlm.nih.gov/pubmed/30575775

Saima T., Sato M., Miyake Y., Matsui H. Unknown mass on chest radiography: Morgagni hernia identified on ultrasonography. *Pediatr Int* 2018; 60(9): 904-905. <doi:10.1111/ped.13644>.
https://www.ncbi.nlm.nih.gov/pubmed/30255978

Sugita K., Steer C. A., Martinez-Gonzalez I., Altunbulakli C., Morita H., Castro-Giner F., Kubo T., Wawrzyniak P., Ruckert B., Sudo K., Nakae S., Matsumoto K., O'Mahony L., Akdis M., Takei F., Akdis C. A. Type 2 innate lymphoid cells disrupt bronchial epithelial barrier integrity by targeting tight junctions through IL-13 in asthmatic patients. *J Allergy Clin Immunol* 2018; 141(1): 300-310 e311. <doi:10.1016/j.jaci.2017.02.038>.
https://www.ncbi.nlm.nih.gov/pubmed/28392332

Takeda T., Morita H., Saito H., Matsumoto K., Matsuda A. Recent advances in understanding the roles of blood platelets in the pathogenesis of allergic inflammation and bronchial asthma. *Allergol Int* 2018; 67(3): 326-333. <doi:10.1016/j.alit.2017.11.008>.
https://www.ncbi.nlm.nih.gov/pubmed/29242144

Tamari M., Orimo K., Motomura K., Arae K., Matsuda A., Nakae S., Saito H., Morita H.,Matsumoto K. The optimal age for epicutaneous sensitization following tape-stripping in BALB/c mice. *Allergol Int* 2018; 67(3): 380-387. <doi:10.1016/j.alit.2018.01.003>.
https://www.ncbi.nlm.nih.gov/pubmed/29439856

Watanabe T., Ohno M., Tahara K., Tomonaga K., Fuchimoto Y., Fujino A., Hishiki T., Tsukamoto K., Ito Y., Sugibayashi R., Wada S., Sago H., Higuchi M., Kawasaki K., Yoshioka

T., Kanamori Y. An investigation on clinical differences between congenital pulmonary airway malformation and bronchial atresia. *J Pediatr Surg* 2018; 53(12): 2390-2393. <doi:10.1016/j.jpedsurg.2018.08.031>.
https://www.ncbi.nlm.nih.gov/pubmed/30227995

Yasui Y., Mitsui T., Nishimura T., Uchida K., Inokuchi M., Mori M., Tokumura M., Nakayama T. School-age children and adolescents suspected of having been to be infected with pertussis in Japan. *Vaccine* 2018; 36(20): 2910-2915. <doi:10.1016/j.vaccine.2018.01.048>.
https://www.ncbi.nlm.nih.gov/pubmed/29609967

＜循環器疾患＞

Aizawa Y., Fujisawa T., Katsumata Y., Kohsaka S., Kunitomi A., Ohno S., Sonoda K., Hayashi H., Hojo R., Fukamizu S., Nagase S., Ito S., Nakajima K., Nishiyama T., Kimura T., Kurita Y., Furukawa Y., Takatsuki S., Ogawa S., Nakazato Y., Sumiyoshi M., Kosaki K., Horie M., Fukuda K. Sex-Dependent Phenotypic Variability of an SCN5A Mutation: Brugada Syndrome and Sick Sinus Syndrome. *J Am Heart Assoc* 2018; 7(18): e009387. <doi:10.1161/JAHA.118.009387>.
https://www.ncbi.nlm.nih.gov/pubmed/30371189

Miura M., Kobayashi T., Kaneko T., Ayusawa M., Fukazawa R., Fukushima N., Fuse S., Hamaoka K., Hirono K., Kato T., Mitani Y., Sato S., Shimoyama S., Shiono J., Suda K., Suzuki H., Maeda J., Waki K., The Z. score Project nd Stage Study Group, Kato H., Saji T., Yamagishi H., Ozeki A., Tomotsune M., Yoshida M., Akazawa Y., Aso K., Doi S., Fukasawa Y., Furuno K., Hayabuchi Y., Hayashi M., Honda T., Horita N., Ikeda K., Ishii M., Iwashima S., Kamada M., Kaneko M., Katyama H., Kawamura Y., Kitagawa A., Komori A., Kuraishi K., Masuda H., Matsuda S., Matsuzaki S., Mii S., Miyamoto T., Moritou Y., Motoki N., Nagumo K., Nakamura T., Nishihara E., Nomura Y., Ogata S., Ohashi H., Okumura K., Omori D., Sano T., Suganuma E., Takahashi T., Takatsuki S., Takeda A., Terai M., Toyono M., Watanabe K., Watanabe M., Yamamoto M., Yamamura K. Association of Severity of Coronary Artery Aneurysms in Patients With Kawasaki Disease and Risk of Later Coronary Events. *JAMA Pediatr* 2018; 172(5): e180030. <doi:10.1001/jamapediatrics.2018.0030>.
https://www.ncbi.nlm.nih.gov/pubmed/29507955

Miyata K., Kaneko T., Morikawa Y., Sakakibara H., Matsushima T., Misawa M., Takahashi T., Nakazawa M., Tamame T., Tsuchihashi T., Yamashita Y., Obonai T., Chiga M., Hori N.,

Komiyama O., Yamagishi H., Miura M., Post Raise group. Efficacy and safety of intravenous immunoglobulin plus prednisolone therapy in patients with Kawasaki disease (Post RAISE): a multicentre, prospective cohort study. *Lancet Child Adolesc Health* 2018; 2(12): 855-862. <doi:10.1016/S2352-4642(18)30293-1>.
https://www.ncbi.nlm.nih.gov/pubmed/30337183

Sato Y., Aizawa Y., Fujisawa T., Ito S., Katano K., Fuse N., Miyabe A., Osada K., Ishihara R., Tosaka A., Tamamura T., Mizumura T., Sugimura Y., Nakajima K., Katsumata Y., Nishiyama T., Kimura T., Furukawa Y., Takatsuki S., Kosaki K., Fukuda K. Development of monomorphic ventricular tachycardia in a patient with fever-induced Brugada syndrome. *J Arrhythm* 2018; 34(4): 465-468. <doi:10.1002/joa3.12068>.
https://www.ncbi.nlm.nih.gov/pubmed/30167021

Terada M., Yoshimura Y., Yamamoto Y., Hirano A., Miyata K., Fukushima N., Oki H., Miura M. [Primary Pulmonary Vein Stenosis Developed after Bidirectional Glenn Procedure;Report of Two Cases]. *Kyobu Geka* 2018; 71(3): 190-194.
https://www.ncbi.nlm.nih.gov/pubmed/29755072

＜新生児疾患＞

Arimitsu T., Minagawa Y., Yagihashi T., M O. Uchida, Matsuzaki A., Ikeda K., Takahashi T. The cerebral hemodynamic response to phonetic changes of speech in preterm and term infants: The impact of postmenstrual age. *Neuroimage Clin* 2018; 19599-606. <doi:10.1016/j.nicl.2018.05.005>.
https://www.ncbi.nlm.nih.gov/pubmed/29984167

Inamura N., Sato M. Neonatal renovascular hypertension. *Pediatr Int* 2018; 60(5): 501. <doi:10.1111/ped.13549>.
https://www.ncbi.nlm.nih.gov/pubmed/29878627

Liang Z., Minagawa Y., Yang H. C., Tian H., Cheng L., Arimitsu T., Takahashi T., Tong Y. Symbolic time series analysis of fNIRS signals in brain development assessment. *J Neural Eng* 2018; 15(6): 066013. <doi:10.1088/1741-2552/aae0c9>.
https://www.ncbi.nlm.nih.gov/pubmed/30207540

Uchida M. O., Arimitsu T., Yatabe K., Ikeda K., Takahashi T., Minagawa Y. Effect of mother's voice on neonatal respiratory activity and EEG delta amplitude. *Dev Psychobiol*

2018; 60(2): 140-149. <doi:10.1002/dev.21596>.
https://www.ncbi.nlm.nih.gov/pubmed/29205320

＜神経・筋疾患、心身症＞

Ehara Y., Yamamoto O., Kosaki K., Yoshida Y. Natural course and characteristics of cutaneous neurofibromas in neurofibromatosis 1. *J Dermatol* 2018; 45(1): 53-57. <doi:10.1111/1346-8138.14025>.
https://www.ncbi.nlm.nih.gov/pubmed/28891076

Funata K., Shike T., Takenouchi T., Yamashita Y., Takahashi T. Respiratory arrest at the onset of idiopathic childhood occipital epilepsy of Gastaut. *Brain Dev* 2018; 40(1): 74-76. <doi:10.1016/j.braindev.2017.06.009>.
https://www.ncbi.nlm.nih.gov/pubmed/28734692

Harigai R., Sakai S., Nobusue H., Hirose C., Sampetrean O., Minami N., Hata Y., Kasama T., Hirose T., Takenouchi T., Kosaki K., Kishi K., Saya H., Arima Y. Tranilast inhibits the expression of genes related to epithelial-mesenchymal transition and angiogenesis in neurofibromin-deficient cells. *Sci Rep* 2018; 8(1): 6069. <doi:10.1038/s41598-018-24484-y>.
https://www.ncbi.nlm.nih.gov/pubmed/29666462

Ohnishi T., Mishima Y., Shinozuka S., Shikoro N., Kamimaki I. Apnea and delirious behavior caused by mild encephalitis/encephalopathy with reversible splenial lesion complicated with rotavirus infection. *Pediatr Int* 2018; 60(6): 602-604. <doi:10.1111/ped.13582>.
https://www.ncbi.nlm.nih.gov/pubmed/29924480

Sakaguchi Y., Uehara T., Suzuki H., Sakamoto Y., Fujiwara M., Kosaki K., Takenouchi T. Haploinsufficiency of NCOR1 associated with autism spectrum disorder, scoliosis, and abnormal palatogenesis. *Am J Med Genet A* 2018; 176(11): 2466-2469. <doi:10.1002/ajmg.a.40354>.
https://www.ncbi.nlm.nih.gov/pubmed/30289594

Takenouchi T., Inaba M., Uehara T., Takahashi T., Kosaki K., Mizuno S. Biallelic mutations in NALCN: Expanding the genotypic and phenotypic spectra of IHPRF1. *Am J Med Genet A* 2018; 176(2): 431-437. <doi:10.1002/ajmg.a.38543>.
https://www.ncbi.nlm.nih.gov/pubmed/29168298

Takenouchi T., Sakamoto Y., Sato H., Suzuki H., Uehara T., Ohsone Y., Kosaki K. Ablepharon and craniosynostosis in a patient with a localized TWIST1 basic domain substitution. *Am J Med Genet A* 2018; 176(12): 2777-2780. <doi:10.1002/ajmg.a.40525>.
https://www.ncbi.nlm.nih.gov/pubmed/30450715

Takenouchi T., Uehara T., Kosaki K.,Mizuno S. Growth pattern of Rahman syndrome. *Am J Med Genet A* 2018; 176(3): 712-714. <doi:10.1002/ajmg.a.38616>.
https://www.ncbi.nlm.nih.gov/pubmed/29383847

Yagihashi T., Nagasawa T., Kasahara M., Hosogane N. CHARACTERISTICS OF HALLUCINATIONS ARISING FROM SCHIZOPHRENIA AND OTHER PSYCHIATRIC DISORDERS DURING CHILDHOOD AND ADOLESCENCE. *児童青年精神医学とその近接領域* 2018; 59(3): 333-341. <doi:10.20615/jscap.59.3_333>

Yoshida Y., Ehara Y., Kosaki K., Yamamoto O. Large number of cutaneous neurofibromas beyond age-appropriate incidence in a patient with a large deletion of NF1. *J Dermatol* 2018; 45(3): 363-364. <doi:10.1111/1346-8138.14187>.
https://www.ncbi.nlm.nih.gov/pubmed/29498099

＜腎・泌尿器疾患、生殖器疾患＞

Fujita H., Matsuoka S., Awazu M. Visit-to-visit blood pressure variability in children and adolescents with renal disease. *Clin Exp Nephrol* 2018; 22(5): 1150-1156. <doi:10.1007/s10157-018-1557-3>.
https://www.ncbi.nlm.nih.gov/pubmed/29536392

Fujita H., Matsuoka S., Awazu M. Masked Isolated Nocturnal Hypertension in Children and Young Adults. *Pediatr Cardiol* 2018; 39(1): 66-70. <doi:10.1007/s00246-017-1728-0>.
https://www.ncbi.nlm.nih.gov/pubmed/28948314

Gotoh Y., Uemura O., Ishikura K., Sakai T., Hamasaki Y., Araki Y., Hamada R., Honda M., Pediatric C. K. D. Study Group in Japan in conjunction with the Committee of Measures for Pediatric C. K. D. of the Japanese Society of Pediatric Nephrology. Correction to: Validation of estimated glomerular filtration rate equations for Japanese children. *Clin Exp Nephrol* 2018; 22(6): 1477. <doi:10.1007/s10157-018-1623-x>.
https://www.ncbi.nlm.nih.gov/pubmed/30143903

Hamasaki Y., Muramatsu M., Hamada R., Ishikura K., Hataya H., Satou H., Honda M., Nakanishi K., Shishido S. Long-term outcome of congenital nephrotic syndrome after kidney transplantation in Japan. *Clin Exp Nephrol* 2018; 22(3): 719-726. <doi:10.1007/s10157-017-1508-4>.
https://www.ncbi.nlm.nih.gov/pubmed/29185126

Harada R., Ishikura K., Shinozuka S., Mikami N., Hamada R., Hataya H., Morikawa Y., Omori T., Takahashi H., Hamasaki Y., Kaneko T., Iijima K., Honda M. Ensuring safe drug administration to pediatric patients with renal dysfunction: a multicenter study. *Clin Exp Nephrol* 2018; 22(4): 938-946. <doi:10.1007/s10157-018-1537-7>.
https://www.ncbi.nlm.nih.gov/pubmed/29411162

Hataya H. Current State of Peritoneal Dialysis in Children. *Contrib Nephrol* 2018; 196129-134. <doi:10.1159/000485712>.
https://www.ncbi.nlm.nih.gov/pubmed/30041217

Iio K., Nomura O., Kinumaki A., Aoki Y., Satoh H., Sakakibara H., Hataya H. Testicular Torsion in an Infant with Undescended Testis. *J Pediatr* 2018; 197312-312 e311. <doi:10.1016/j.jpeds.2018.01.015>.
https://www.ncbi.nlm.nih.gov/pubmed/29429568

Jia X., Horinouchi T., Hitomi Y., Shono A., Khor S. S., Omae Y., Kojima K., Kawai Y., Nagasaki M., Kaku Y., Okamoto T., Ohwada Y., Ohta K., Okuda Y., Fujimaru R., Hatae K., Kumagai N., Sawanobori E., Nakazato H., Ohtsuka Y., Nakanishi K., Shima Y., Tanaka R., Ashida A., Kamei K., Ishikura K., Nozu K., Tokunaga K., Iijima K., Research Consortium on Genetics of Childhood Idiopathic Nephrotic Syndrome in Japan. Strong Association of the HLA-DR/DQ Locus with Childhood Steroid-Sensitive Nephrotic Syndrome in the Japanese Population. *J Am Soc Nephrol* 2018; 29(8): 2189-2199. <doi:10.1681/ASN.2017080859>.
https://www.ncbi.nlm.nih.gov/pubmed/30012571

Kamei K., Miyairi I., Ishikura K., Ogura M., Shoji K., Funaki T., Ito R., Arai K., Abe J., Kawai T., Onodera M., Ito S. Prospective Study of Live Attenuated Vaccines for Patients with Nephrotic Syndrome Receiving Immunosuppressive Agents. *J Pediatr* 2018; 196217-222 e211. <doi:10.1016/j.jpeds.2017.12.061>.
https://www.ncbi.nlm.nih.gov/pubmed/29499990

Kamei K., Ogura M., Sato M., Ito S., Ishikura K. Infusion reactions associated with rituximab treatment for childhood-onset complicated nephrotic syndrome. *Pediatr Nephrol* 2018; 33(6): 1013-1018. <doi:10.1007/s00467-018-3900-z>.
https://www.ncbi.nlm.nih.gov/pubmed/29426974

Kanda T., Takeda A., Hirose H., Abe T., Urai H., Inokuchi M., Wakino S., Tokumura M., Itoh H., Kawabe H. Temporal trends in renal function and birthweight in Japanese adolescent males (1998-2015). *Nephrol Dial Transplant* 2018; 33(2): 304-310. <doi:10.1093/ndt/gfw428>.
https://www.ncbi.nlm.nih.gov/pubmed/28339560

Kawaguchi T., Yoshida T., Hirahashi J., Uehara T., Takenouchi T., Kosaki K., Itoh H., Hayashi M. Expanding Phenotype of Nephronophthisis-Related Ciliopathy: an Elderly Patient with Homozygous RPGRIP1L Mutation. *Nephron* 2018; 140(1): 74-78. <doi:10.1159/000490770>.
https://www.ncbi.nlm.nih.gov/pubmed/29991045

Kubota W., Honda M., Okada H., Hattori M., Iwano M., Akioka Y., Ashida A., Kawasaki Y., Kiyomoto H., Sako M., Terada Y., Hirano D., Fujieda M., Fujimoto S., Masaki T., Ito S., Uemura O., Gotoh Y., Komatsu Y., Nishi S., Maru M., Narita I., Maruyama S. A consensus statement on health-care transition of patients with childhood-onset chronic kidney diseases: providing adequate medical care in adolescence and young adulthood. *Clin Exp Nephrol* 2018; 22(4): 743-751. <doi:10.1007/s10157-018-1589-8>.
https://www.ncbi.nlm.nih.gov/pubmed/29869191

Matsumura K., Sugii K., Awazu M. Trajectory of Estimated Glomerular Filtration Rate Predicts Renal Injury in Children with Multicystic Dysplastic Kidney. *Nephron* 2018; 140(1): 18-23. <doi:10.1159/000490200>.
https://www.ncbi.nlm.nih.gov/pubmed/29879710

Morikawa Y., Miura M., Furuhata M. Y., Morino S., Omori T., Otsuka M., Chiga M., Obonai T., Hataya H., Kaneko T., Ishikura K., Honda M., Hasegawa Y., Tokyo Pediatric Clinical Research Network. Nebulized hypertonic saline in infants hospitalized with moderately severe bronchiolitis due to RSV infection: A multicenter randomized controlled trial. *Pediatr Pulmonol* 2018; 53(3): 358-365. <doi:10.1002/ppul.23945>.

https://www.ncbi.nlm.nih.gov/pubmed/29327810

Otani T., Morikawa Y., Hayakawa I., Atsumi Y., Tomari K., Tomobe Y., Uda K., Funakoshi Y., Sakaguchi C., Nishimoto S., Hataya H. Ultrasound-guided peripheral intravenous access placement for children in the emergency department. *Eur J Pediatr* 2018; 177(10): 1443-1449. <doi:10.1007/s00431-018-3201-3>.
https://www.ncbi.nlm.nih.gov/pubmed/29961178

Ploos van Amstel S., Noordzij M., Warady B. A., Cano F., Craig J. C., Groothoff J. W., Ishikura K., Neu A., Safouh H., Xu H., Jager K. J., Schaefer F. Renal replacement therapy for children throughout the world: the need for a global registry. *Pediatr Nephrol* 2018; 33(5): 863-871. <doi:10.1007/s00467-017-3863-5>.
https://www.ncbi.nlm.nih.gov/pubmed/29273970

Sato M., Kamei K., Ogura M., Ishikura K., Ito S. Relapse of nephrotic syndrome during post-rituximab peripheral blood B-lymphocyte depletion. *Clin Exp Nephrol* 2018; 22(1): 110-116. <doi:10.1007/s10157-017-1415-8>.
https://www.ncbi.nlm.nih.gov/pubmed/28434126

Sekiya N., Awazu M. A case of nephrogenic syndrome of inappropriate antidiuresis caused by carbamazepine. *CEN Case Rep* 2018; 7(1): 66-68. <doi:10.1007/s13730-017-0295-9>.
https://www.ncbi.nlm.nih.gov/pubmed/29282644

Shima Y., Nakanishi K., Kaku Y., Ishikura K., Hataya H., Matsuyama T., Honda M., Sako M., Nozu K., Tanaka R., Iijima K., Yoshikawa N., Japanese Pediatric Ig A. Nephropathy Treatment Study Group. Combination therapy with or without warfarin and dipyridamole for severe childhood IgA nephropathy: an RCT. *Pediatr Nephrol* 2018; 33(11): 2103-2112. <doi:10.1007/s00467-018-4011-6>.
https://www.ncbi.nlm.nih.gov/pubmed/29987456

Terano C., Ishikura K., Hamada R., Yoshida Y., Kubota W., Okuda Y., Shinozuka S., Harada R., Iyoda S., Fujimura Y., Hamasaki Y., Hataya H., Honda M. Practical issues in using eculizumab for children with atypical haemolytic uraemic syndrome in the acute phase: A review of four patients. *Nephrology (Carlton)* 2018; 23(6): 539-545. <doi:10.1111/nep.13054>.
https://www.ncbi.nlm.nih.gov/pubmed/28387984

Uda K., Matsushima T., Horikoshi Y., Hataya H. Hamman's Sign in a Patient with Spontaneous Pneumomediastinum. *J Pediatr* 2018; 202324. <doi:10.1016/j.jpeds.2018.06.030>.
https://www.ncbi.nlm.nih.gov/pubmed/30017338

Uemura O., Ishikura K., Gotoh Y., Honda M. Creatinine-based estimated glomerular filtration rate for children younger than 2 years. *Clin Exp Nephrol* 2018; 22(2): 483-484. <doi:10.1007/s10157-017-1460-3>.
https://www.ncbi.nlm.nih.gov/pubmed/28894940

Unzaki A., Morisada N., Nozu K., Ye M. J., Ito S., Matsunaga T., Ishikura K., Ina S., Nagatani K., Okamoto T., Inaba Y., Ito N., Igarashi T., Kanda S., Ito K., Omune K., Iwaki T., Ueno K., Yahata M., Ohtsuka Y., Nishi E., Takahashi N., Ishikawa T., Goto S., Okamoto N., Iijima K. Clinically diverse phenotypes and genotypes of patients with branchio-oto-renal syndrome. *J Hum Genet* 2018; 63(5): 647-656. <doi:10.1038/s10038-018-0429-8>.
https://www.ncbi.nlm.nih.gov/pubmed/29500469

＜先天代謝異常、内分泌疾患＞

Fukuma M., Takagi M., Shimazu T., Imamura H., Yagi H., Nishimura G., Hasegawa T. A familial case of spondyloepiphyseal dysplasia tarda caused by a novel splice site mutation in TRAPPC2. *Clin Pediatr Endocrinol* 2018; 27(3): 193-196. <doi:10.1297/cpe.27.193>.
https://www.ncbi.nlm.nih.gov/pubmed/30083037

Hara K., Ikeda K., Koyama Y., Wada Y., Hasegawa T. Serum 25-hydroxyvitamin D3 levels of one-month-old term infants in Tokyo using liquid chromatography tandem mass spectrometry. *Acta Paediatr* 2018; 107(3): 532-533. <doi:10.1111/apa.14155>.
https://www.ncbi.nlm.nih.gov/pubmed/29168212

Hara K., Ikeda K., Koyama Y., Wada Y., Hasegawa T. Comparison of serum 25-hydroxyvitamin D levels between radioimmunoassay and liquid chromatography-tandem mass spectrometry in infants and postpartum women. *J Pediatr Endocrinol Metab* 2018; 31(10): 1105-1111. <doi:10.1515/jpem-2018-0275>.
https://www.ncbi.nlm.nih.gov/pubmed/30231011

Higuchi S., Takagi M., Takeda R., Yoshihashi H., Narumi S., Hasegawa T. An association

with hypopituitarism and 9q subtelomere deletion syndrome. *Clin Case Rep* 2018; 6(12): 2371-2375. <doi:10.1002/ccr3.1591>.
https://www.ncbi.nlm.nih.gov/pubmed/30564331

Ichihashi Y., Takagi M., Ishii T., Watanabe K., Nishimura G., Hasegawa T. Two novel mutations of COMP in Japanese boys with pseudoachondroplasia. *Hum Genome Var* 2018; 512. <doi:10.1038/s41439-018-0012-z>.
https://www.ncbi.nlm.nih.gov/pubmed/29899997

Igaki J., Nishi A., Sato T., Hasegawa T. A pediatric case of pheochromocytoma without apparent hypertension associated with von Hippel-Lindau disease. *Clin Pediatr Endocrinol* 2018; 27(2): 87-93. <doi:10.1297/cpe.27.87>.
https://www.ncbi.nlm.nih.gov/pubmed/29662268

Ikenoue S., Miyakoshi K., Ishii T., Sato Y., Otani T., Akiba Y., Kasuga Y., Ochiai D., Matsumoto T., Ichihashi Y., Matsuzaki Y., Tachikawa K., Michigami T., Nishimura G., Ikeda K., Hasegawa T., Tanaka M. Discordant fetal phenotype of hypophosphatasia in two siblings. *Am J Med Genet A* 2018; 176(1): 171-174. <doi:10.1002/ajmg.a.38531>.
https://www.ncbi.nlm.nih.gov/pubmed/29160033

Inokuchi M., Matsuo N., Takayama J. I., Hasegawa T. Prevalence of central fatness in 1992-1994: 40% of Japanese boys 6-17 years. *Endocr J* 2018; 65(2): 213-220. <doi:10.1507/endocrj.EJ17-0357>.
https://www.ncbi.nlm.nih.gov/pubmed/29225206

Inokuchi M., Matsuo N., Takayama J. I., Hasegawa T. WHO 2006 Child Growth Standards overestimate short stature and underestimate overweight in Japanese children. *J Pediatr Endocrinol Metab* 2018; 31(1): 33-38. <doi:10.1515/jpem-2017-0303>.
https://www.ncbi.nlm.nih.gov/pubmed/29267170

Ishii T., Adachi M., Takasawa K., Okada S., Kamasaki H., Kubota T., Kobayashi H., Sawada H., Nagasaki K., Numakura C., Harada S., Minamitani K., Sugihara S., Tajima T. Incidence and Characteristics of Adrenal Crisis in Children Younger than 7 Years with 21-Hydroxylase Deficiency: A Nationwide Survey in Japan. *Horm Res Paediatr* 2018; 89(3): 166-171. <doi:10.1159/000486393>.
https://www.ncbi.nlm.nih.gov/pubmed/29455197

Kobayashi T., Nakamura Y., Suzuki T., Yamaguchi T., Takeda R., Takagi M., Hasegawa T., Kosho T., Kato H. Efficacy and Safety of Denosumab Therapy for Osteogenesis Imperfecta Patients with Osteoporosis-Case Series. *J Clin Med* 2018; 7(12). <doi:10.3390/jcm7120479>.
https://www.ncbi.nlm.nih.gov/pubmed/30477250

Kusano C., Hori N., Izawa K., Kosaki R., Nishimura G., Hasegawa T. Trismus-pseudocamptodactyly syndrome with bilateral hypoplastic mandibular condyles and shallow mandibular fossa: A case report. *Oral Science International* 2018; 15(2): 90-92. <doi:10.1016/s1348-8643(18)30008-9>.
https://dx.doi.org/10.1016/s1348-8643(18)30008-9

Nakano S., Sato T., Hosokawa M., Takagi C., Yoshida F., Ishii T., Sato S., Hasegawa T. A pediatric case of insulinoma and a novel MEN1 mutation: the efficacy of the combination therapy of diazoxide and cornstarch. *Clin Pediatr Endocrinol* 2018; 27(3): 197-199. <doi:10.1297/cpe.27.197>.
https://www.ncbi.nlm.nih.gov/pubmed/30083038

Narumi S., Matsubara K., Ishii T., Hasegawa T. Methylome analysis of thyroid ectopy shows no disease-specific DNA methylation signature. *Clin Pediatr Endocrinol* 2018; 27(4): 235-238. <doi:10.1297/cpe.27.235>.
https://www.ncbi.nlm.nih.gov/pubmed/30393440

Ono H., Numakura C., Homma K., Hasegawa T., Tsutsumi S., Kato F., Fujisawa Y., Fukami M., Ogata T. Longitudinal serum and urine steroid metabolite profiling in a 46,XY infant with prenatally identified POR deficiency. *J Steroid Biochem Mol Biol* 2018; 178177-184. <doi:10.1016/j.jsbmb.2017.12.008>.
https://www.ncbi.nlm.nih.gov/pubmed/29289577

Shima H., Hayashi M., Tachibana T., Oshiro M., Amano N., Ishii T., Haruna H., Igarashi M., Kon M., Fukuzawa R., Tanaka Y., Fukami M., Hasegawa T., Narumi S. MIRAGE syndrome is a rare cause of 46,XY DSD born SGA without adrenal insufficiency. *PLoS One* 2018; 13(11): e0206184. <doi:10.1371/journal.pone.0206184>.
https://www.ncbi.nlm.nih.gov/pubmed/30403727

Shinohara H., Takagi M., Ito K., Shimizu E., Fukuzawa R., Hasegawa T. A Novel Mutation in NKX2-1 Shows Dominant-Negative Effects Only in the Presence of PAX8. *Thyroid* 2018; 28(8): 1071-1073. <doi:10.1089/thy.2017.0481>.
https://www.ncbi.nlm.nih.gov/pubmed/29882472

Sugisawa C., Abe K., Sunaga Y., Taniyama M., Hasegawa T., Narumi S. Identification of compound heterozygous TSHR mutations (R109Q and R450H) in a patient with nonclassic TSH resistance and functional characterization of the mutant receptors. *Clin Pediatr Endocrinol* 2018; 27(3): 123-130. <doi:10.1297/cpe.27.123>.
https://www.ncbi.nlm.nih.gov/pubmed/30083029

Takagi M., Shimomura S., Fukuzawa R., Narumi S., Nishimura G., Hasegawa T. A novel truncating mutation in MYH3 causes spondylocarpotarsal synostosis syndrome with basilar invagination. *J Hum Genet* 2018; 63(12): 1277-1281. <doi:10.1038/s10038-018-0513-0>.
https://www.ncbi.nlm.nih.gov/pubmed/30228365

Takeuchi T., Yoto Y., Ishii A., Tsugawa T., Yamamoto M., Hori T., Kamasaki H., Nogami K., Oda T., Nui A., Kimura S., Yamagishi T., Homma K., Hasegawa T., Fukami M., Watanabe Y., Sasamoto H., Tsutsumi H. Adrenocortical carcinoma characterized by gynecomastia: A case report. *Clin Pediatr Endocrinol* 2018; 27(1): 9-18. <doi:10.1297/cpe.27.9>.
https://www.ncbi.nlm.nih.gov/pubmed/29403152

Tanase-Nakao K., Miyata I., Terauchi A., Saito M., Wada S., Hasegawa T., Narumi S. Fetal Goitrous Hypothyroidism and Polyhydramnios in a Patient with Compound Heterozygous DUOXA2 Mutations. *Horm Res Paediatr* 2018; 90(2): 132-137. <doi:10.1159/000491104>.
https://www.ncbi.nlm.nih.gov/pubmed/30110704

Wilson D. B., Bessler M., Ferkol T. W., Shenoy S., Amano N., Ishii T., Shima H., Narumi S. Comment on: Acquired monosomy 7 myelodysplastic syndrome in a child with clinical features of dyskeratosis congenita and IMAGe association. *Pediatr Blood Cancer* 2018; 65(1). <doi:10.1002/pbc.26747>.
https://www.ncbi.nlm.nih.gov/pubmed/28834235

Yokoya S., Hasegawa T., Ozono K., Tanaka H., Kanzaki S., Tanaka T., Chihara K., Jia N., Child C. J., Ihara K., Funai J., Iwamoto N., Seino Y. Responses to the Letter to the Editor

″Does growth-hormone treatment affect patients with and without a mitochondrial disorder differentially ?″ (Vol. 27, No. 2, p. 107-108, 2018). *Clin Pediatr Endocrinol* 2018; 27(3): 201-202. <doi:10.1297/cpe.27.201>.
https://www.ncbi.nlm.nih.gov/pubmed/30083039

＜免疫異常、膠原病、リウマチ性疾患、感染症＞

Adachi Y., Ando M., Morozumi M., Ubukata K., Iwata S. Genotypic characterization of Haemophilus influenzae isolates from paediatric patients in Japan. *J Med Microbiol* 2018; 67(5): 695-701. <doi:10.1099/jmm.0.000721>.
https://www.ncbi.nlm.nih.gov/pubmed/29595417

Ando M., Morozumi M., Adachi Y., Ubukata K., Iwata S. Multilocus Sequence Typing of Mycoplasma pneumoniae, Japan, 2002-2016. *Emerg Infect Dis* 2018; 24(10): 1895-1901. <doi:10.3201/eid2410.171194>.
https://www.ncbi.nlm.nih.gov/pubmed/30226158

Aoki K., Harada S., Yahara K., Ishii Y., Motooka D., Nakamura S., Akeda Y., Iida T., Tomono K., Iwata S., Moriya K., Tateda K. Molecular Characterization of IMP-1-Producing Enterobacter cloacae Complex Isolates in Tokyo. *Antimicrob Agents Chemother* 2018; 62(3). <doi:10.1128/AAC.02091-17>.
https://www.ncbi.nlm.nih.gov/pubmed/29311089

Funaki T., Miyairi I. Breakthrough Candidemia In Children On Micafungin. *Pediatr Infect Dis J* 2018; 37(12): 1258-1260. <doi:10.1097/INF.0000000000002020>.
https://www.ncbi.nlm.nih.gov/pubmed/29570179

Furuichi M., Fukuda A., Sakamoto S., Kasahara M., Miyairi I. Characteristics and Risk Factors of Late-onset Bloodstream Infection Beyond 6 Months After Liver Transplantation in Children. *Pediatr Infect Dis J* 2018; 37(3): 263-268. <doi:10.1097/INF.0000000000001754>.
https://www.ncbi.nlm.nih.gov/pubmed/28859015

Furuichi M., Furuichi M., Horikoshi Y., Miyairi I. Infectious Diseases Consultation Improves Treatment and Decreases Mortality by Enterococcal Bacteremia in Children. *Pediatr Infect Dis J* 2018; 37(9): 856-860. <doi:10.1097/INF.0000000000001919>.
https://www.ncbi.nlm.nih.gov/pubmed/29384980

Hayden F. G., Sugaya N., Hirotsu N., Lee N., de Jong M. D., Hurt A. C., Ishida T., Sekino H., Yamada K., Portsmouth S., Kawaguchi K., Shishido T., Arai M., Tsuchiya K., Uehara T., Watanabe A., Baloxavir Marboxil Investigators Group. Baloxavir Marboxil for Uncomplicated Influenza in Adults and Adolescents. *N Engl J Med* 2018; 379(10): 913-923. <doi:10.1056/NEJMoa1716197>.
https://www.ncbi.nlm.nih.gov/pubmed/30184455

Kamei K., Miyairi I., Ishikura K., Ogura M., Shoji K., Funaki T., Ito R., Arai K., Abe J., Kawai T., Onodera M., Ito S. Prospective Study of Live Attenuated Vaccines for Patients with Nephrotic Syndrome Receiving Immunosuppressive Agents. *J Pediatr* 2018; 196217-222 e211. <doi:10.1016/j.jpeds.2017.12.061>.
https://www.ncbi.nlm.nih.gov/pubmed/29499990

Kimiya T., Shinjoh M., Anzo M., Takahashi H., Sekiguchi S., Sugaya N., Takahashi T. Effectiveness of inactivated quadrivalent influenza vaccine in the 2015/2016 season as assessed in both a test-negative case-control study design and a traditional case-control study design. *Eur J Pediatr* 2018; 177(7): 1009-1017. <doi:10.1007/s00431-018-3145-7>.
https://www.ncbi.nlm.nih.gov/pubmed/29680993

Kinoshita N., Shoji K., Funaki T., Fukuda A., Sakamoto S., Kasahara M., Miyairi I. Safety of BCG Vaccination in Pediatric Liver Transplant Recipients. *Transplantation* 2018; 102(4): e125. <doi:10.1097/TP.0000000000002103>.
https://www.ncbi.nlm.nih.gov/pubmed/29346255

Kubota H., Uwamino Y., Matsui M., Sekizuka T., Suzuki Y., Okuno R., Uchitani Y., Ariyoshi T., Aoki W., Suzuki S., Kuroda M., Shinkai T., Yokoyama K., Sadamasu K., Funakoshi T., Murata M., Hasegawa N., Iwata S. FRI-4 carbapenemase-producing Enterobacter cloacae complex isolated in Tokyo, Japan. *J Antimicrob Chemother* 2018; 73(11): 2969-2972. <doi:10.1093/jac/dky291>.
https://www.ncbi.nlm.nih.gov/pubmed/30060114

Kudo D., Sasaki J., Ikeda H., Shiino Y., Shime N., Mochizuki T., Morita M., Soeda H., Ohge H., Lee J. J., Fujita M., Miyairi I., Kato Y., Watanabe M., Yokota H., Committee for Infection Control for the Emergency Department the Japanese Association for Acute Medicine, the joint working group. A survey on infection control in emergency departments in Japan. *Acute Med Surg* 2018; 5(4): 374-379. <doi:10.1002/ams2.360>.

https://www.ncbi.nlm.nih.gov/pubmed/30338085

Minami K., Terakawa R., Sato M., Shoji Y., Hiroma T., Nakamura T., Horiuchi A., Otsuka A., Kubota N., Hidaka E., Kawakami Y., Aung M. S., Kobayashi N. A Colonization Outbreak of Penicillin-Susceptible mecA-Positive Staphylococcus aureus in a Neonatal Ward of Children's Hospital. *Infect Control Hosp Epidemiol* 2018; 39(2): 239-241. <doi:10.1017/ice.2017.266>.
https://www.ncbi.nlm.nih.gov/pubmed/29332612

Murofushi Y., Furuichi M., Shoji K., Kubota M., Ishiguro A., Uematsu S., Gai R., Miyairi I. Adverse Economic Impact Associated With Blood Culture Contamination in a Pediatric Emergency Department. *Pediatr Infect Dis J* 2018; 37(8): 755-758. <doi:10.1097/INF.0000000000001898>.
https://www.ncbi.nlm.nih.gov/pubmed/29846358

Nakayama T., Kashiwagi Y., Kawashima H. Long-term regulation of local cytokine production following immunization in mice. *Microbiol Immunol* 2018; 62(2): 124-131. <doi:10.1111/1348-0421.12566>.
https://www.ncbi.nlm.nih.gov/pubmed/29266448

Nakayama T., Tanaka T., Fujino M., Kino M., Kunitomi Y., Yatabe K. Change of Subcutaneous Tissue Mass at the Deltoid and Thigh Areas in Japanese Infants Followed from 2 to 15 Months. *Open Journal of Pediatrics* 2018; 08(04): 324-333. <doi:10.4236/ojped.2018.84033>.
https://dx.doi.org/10.4236/ojped.2018.84033

Namkoong H., Ishii M., Fujii H., Yagi K., Asami T., Asakura T., Suzuki S., Hegab A. E., Kamata H., Tasaka S., Atarashi K., Nakamoto N., Iwata S., Honda K., Kanai T., Hasegawa N., Koyasu S., Betsuyaku T. Clarithromycin expands CD11b+Gr-1+ cells via the STAT3/Bv8 axis to ameliorate lethal endotoxic shock and post-influenza bacterial pneumonia. *PLoS Pathog* 2018; 14(4): e1006955. <doi:10.1371/journal.ppat.1006955>.
https://www.ncbi.nlm.nih.gov/pubmed/29621339

Namkoong H., Yamazaki M., Ishizaki M., Endo I., Harada N., Aramaki M., Tanaka Y., Kaburagi S., Ichikawa M., Ohata T., Sakaguchi S., Saito F., Nakao A., Yuki H., Mitamura K. Clinical Evaluation of the Immunochromatographic System Using Silver Amplification for the

Rapid Detection of Mycoplasma pneumoniae. *Sci Rep* 2018; 8(1): 1430. <doi:10.1038/s41598-018-19734-y>.
https://www.ncbi.nlm.nih.gov/pubmed/29362380

Ohnishi T., Mishima Y., Shinozuka S., Shikoro N., Kamimaki I. Apnea and delirious behavior caused by mild encephalitis/encephalopathy with reversible splenial lesion complicated with rotavirus infection. *Pediatr Int* 2018; 60(6): 602-604. <doi:10.1111/ped.13582>.
https://www.ncbi.nlm.nih.gov/pubmed/29924480

Ohnishi T., Shinjoh M., Ohara H., Kawai T., Kamimaki I., Mizushima R., Kamada K., Itakura Y., Iguchi S., Uzawa Y., Yoshida A., Kikuchi K. Purulent lymphadenitis caused by Staphylococcus argenteus, representing the first Japanese case of Staphylococcus argenteus (multilocus sequence type 2250) infection in a 12-year-old boy. *J Infect Chemother* 2018; 24(11): 925-927. <doi:10.1016/j.jiac.2018.03.018>.
https://www.ncbi.nlm.nih.gov/pubmed/29709375

Okazaki K., Imadome K. I., Nakao H., Miyairi I., Ishiguro A. Quantitative PCR Assays of Cytomegalovirus and Epstein-Barr Virus in Hemophagocytic Lymphohistiocytosis. *Indian J Pediatr* 2018; 85(7): 593-594. <doi:10.1007/s12098-017-2596-6>.
https://www.ncbi.nlm.nih.gov/pubmed/29313310

Okubo Y., Michihata N., Morisaki N., Kinoshita N., Miyairi I., Urayama K. Y., Yasunaga H. Recent patterns in antibiotic use for children with group A streptococcal infections in Japan. *J Glob Antimicrob Resist* 2018; 1355-59. <doi:10.1016/j.jgar.2017.11.004>.
https://www.ncbi.nlm.nih.gov/pubmed/29146149

Okubo Y., Michihata N., Morisaki N., Uda K., Miyairi I., Ogawa Y., Matsui H., Fushimi K., Yasunaga H. Recent trends in practice patterns and impact of corticosteroid use on pediatric Mycoplasma pneumoniae-related respiratory infections. *Respir Investig* 2018; 56(2): 158-165. <doi:10.1016/j.resinv.2017.11.005>.
https://www.ncbi.nlm.nih.gov/pubmed/29548654

Okubo Y., Michihata N., Uda K., Morisaki N., Miyairi I., Matsui H., Fushimi K., Yasunaga H. Dose-response relationship between weight status and clinical outcomes in pediatric influenza-related respiratory infections. *Pediatr Pulmonol* 2018; 53(2): 218-223. <doi:10.1002/ppul.23927>.

https://www.ncbi.nlm.nih.gov/pubmed/29265591

Sawada A., Yunomae K., Nakayama T. Immunogenicity of recombinant measles vaccine expressing fusion protein of respiratory syncytial virus in cynomolgus monkeys. *Microbiol Immunol* 2018; 62(2): 132-136. <doi:10.1111/1348-0421.12559>.
https://www.ncbi.nlm.nih.gov/pubmed/29194753

Seki Y., Onose A., Murayama T., Koide C., Sugaya N. Influenza vaccine showed a good preventive effect against influenza-associated hospitalization among elderly patients, during the 2016/17 season in Japan. *J Infect Chemother* 2018; 24(11): 873-880. <doi:10.1016/j.jiac.2018.07.013>.
https://www.ncbi.nlm.nih.gov/pubmed/30100400

Shimizu H., Seki K., Shiga K., Nakayama T., Mori M. Safety and efficacy of DTaP-IPV vaccine use in healthcare workers for prevention of pertussis. *Vaccine* 2018; 36(40): 5935-5939. <doi:10.1016/j.vaccine.2018.08.047>.
https://www.ncbi.nlm.nih.gov/pubmed/30153996

Shinjoh M., Sugaya N., Yamaguchi Y., Iibuchi N., Kamimaki I., Goto A., Kobayashi H., Kobayashi Y., Shibata M., Tamaoka S., Nakata Y., Narabayashi A., Nishida M., Hirano Y., Munenaga T., Morita K., Mitamura K., Takahashi T., Keio Pediatric Influenza Research Group. Inactivated influenza vaccine effectiveness and an analysis of repeated vaccination for children during the 2016/17 season. *Vaccine* 2018; 36(37): 5510-5518. <doi:10.1016/j.vaccine.2018.07.065>.
https://www.ncbi.nlm.nih.gov/pubmed/30093289

Shoji H., Masayuki M., Takuma T., Iwata S., Mikamo H., Fujita J., Okada K., Niki Y. Corrigendum to "Serotype distribution of Streptococcus pneumoniae isolated from adult respiratory tract infections in nationwide Japanese surveillances from 2006 to 2014" [J Infect Chemother 23 (2017) 538-544]. *J Infect Chemother* 2018; 24(3): 236. <doi:10.1016/j.jiac.2017.12.001>.
https://www.ncbi.nlm.nih.gov/pubmed/29249642

Shoji K., Kawai T., Onodera M., Tsutsumi Y., Nosaka S., Miyairi I. Multiple osteolytic lesions on the skull of a girl with Mendelian susceptibility to mycobacterial disease. *Pediatr Int* 2018; 60(11): 1043-1044. <doi:10.1111/ped.13691>.

https://www.ncbi.nlm.nih.gov/pubmed/30536488

Sugaya N., Shinjoh M., Nakata Y., Tsunematsu K., Yamaguchi Y., Komiyama O., Takahashi H., Mitamura K., Narabayashi A., Takahashi T., Keio Pediatric Influenza Research Group. Three-season effectiveness of inactivated influenza vaccine in preventing influenza illness and hospitalization in children in Japan, 2013-2016. *Vaccine* 2018; 36(8): 1063-1071. <doi:10.1016/j.vaccine.2018.01.024>.
https://www.ncbi.nlm.nih.gov/pubmed/29361343

Suto H., Nambu A., Morita H., Yamaguchi S., Numata T., Yoshizaki T., Shimura E., Arae K., Asada Y., Motomura K., Kaneko M., Abe T., Matsuda A., Iwakura Y., Okumura K., Saito H., Matsumoto K., Sudo K., Nakae S. IL-25 enhances TH17 cell-mediated contact dermatitis by promoting IL-1beta production by dermal dendritic cells. *J Allergy Clin Immunol* 2018; 142(5): 1500-1509 e1510. <doi:10.1016/j.jaci.2017.12.1007>.
https://www.ncbi.nlm.nih.gov/pubmed/29522843

Takamori A., Nambu A., Sato K., Yamaguchi S., Matsuda K., Numata T., Sugawara T., Yoshizaki T., Arae K., Morita H., Matsumoto K., Sudo K., Okumura K., Kitaura J., Matsuda H., Nakae S. IL-31 is crucial for induction of pruritus, but not inflammation, in contact hypersensitivity. *Sci Rep* 2018; 8(1): 6639. <doi:10.1038/s41598-018-25094-4>.
https://www.ncbi.nlm.nih.gov/pubmed/29703903

Takesue Y., Kusachi S., Mikamo H., Sato J., Watanabe A., Kiyota H., Iwata S., Kaku M., Hanaki H., Sumiyama Y., Kitagawa Y., Mizuguchi T., Ambo Y., Konosu M., Ishibashi K., Matsuda A., Hase K., Harihara Y., Okabayashi K., Seki S., Hara T., Matsui K., Matsuo Y., Kobayashi M., Kubo S., Uchiyama K., Shimizu J., Kawabata R., Ohge H., Akagi S., Oka M., Wakatsuki T., Suzuki K., Okamoto K., Yanagihara K. Corrigendum to 'Antimicrobial susceptibility of pathogens isolated from surgical site infections in Japan: Comparison of data from nationwide surveillance studies conducted in 2010 and 2014-2015' [J Infect Chemother 23 (2017) 339-348]. *J Infect Chemother* 2018; 24(2): 156-157. <doi:10.1016/j.jiac.2017.11.009>.
https://www.ncbi.nlm.nih.gov/pubmed/29198428

Takesue Y., Kusachi S., Mikamo H., Sato J., Watanabe A., Kiyota H., Iwata S., Kaku M., Hanaki H., Sumiyama Y., Kitagawa Y., Nakajima K., Ueda T., Uchino M., Mizuguchi T., Ambo Y., Konosu M., Ishibashi K., Matsuda A., Hase K., Harihara Y., Okabayashi K., Seki

S., Hara T., Matsui K., Matsuo Y., Kobayashi M., Kubo S., Uchiyama K., Shimizu J., Kawabata R., Ohge H., Akagi S., Oka M., Wakatsuki T., Suzuki K., Okamoto K., Yanagihara K. Corrigendum to "Antimicrobial susceptibility of common pathogens isolated from postoperative intra-abdominal infections in Japan" [J Infect Chemother 24 (2018) 330-340]. *J Infect Chemother* 2018; 24(7): 592-595. <doi:10.1016/j.jiac.2018.05.011>.
https://www.ncbi.nlm.nih.gov/pubmed/29887496

Ubukata K., Morozumi M., Sakuma M., Takata M., Mokuno E., Tajima T., Iwata S., Group A. O. M. Surveillance Study. Etiology of Acute Otitis Media and Characterization of Pneumococcal Isolates After Introduction of 13-Valent Pneumococcal Conjugate Vaccine in Japanese Children. *Pediatr Infect Dis J* 2018; 37(6): 598-604. <doi:10.1097/INF.0000000000001956>.
https://www.ncbi.nlm.nih.gov/pubmed/29474258

Ubukata K., Takata M., Morozumi M., Chiba N., Wajima T., Hanada S., Shouji M., Sakuma M., Iwata S., Invasive Pneumococcal Diseases Surveillance Study Group. Effects of Pneumococcal Conjugate Vaccine on Genotypic Penicillin Resistance and Serotype Changes, Japan, 2010-2017. *Emerg Infect Dis* 2018; 24(11): 2010-2020. <doi:10.3201/eid2411.180326>.
https://www.ncbi.nlm.nih.gov/pubmed/30334707

Uchida H., Tada T., Sugahara Y., Kato A., Miyairi I., Kirikae T. A clinical isolate of Escherichia coli co-harbouring mcr-1 and blaNDM-5 in Japan. *J Med Microbiol* 2018; 67(8): 1047-1049. <doi:10.1099/jmm.0.000793>.
https://www.ncbi.nlm.nih.gov/pubmed/29972350

Uda K., Koyama-Wakai C., Shoji K., Iwase N., Motooka D., Nakamura S., Miyairi I. WU polyomavirus detected in children with severe respiratory failure. *J Clin Virol* 2018; 10725-28. <doi:10.1016/j.jcv.2018.08.003>.
https://www.ncbi.nlm.nih.gov/pubmed/30114678

Uda K., Okubo Y., Shoji K., Miyairi I., Morisaki N., Michihata N., Matsui H., Fushimi K., Yasunaga H. Trends of neuraminidase inhibitors use in children with influenza related respiratory infections. *Pediatr Pulmonol* 2018; 53(6): 802-808. <doi:10.1002/ppul.24021>.
https://www.ncbi.nlm.nih.gov/pubmed/29673121

Uda K., Shoji K., Koyama-Wakai C., Furuichi M., Iwase N., Fujisaki S., Watanabe S., Miyairi I. Clinical characteristics of influenza virus-induced lower respiratory infection during the 2015 to 2016 season. *J Infect Chemother* 2018; 24(6): 407-413. <doi:10.1016/j.jiac.2018.01.002>.
https://www.ncbi.nlm.nih.gov/pubmed/29433792

Yamada M., Nguyen C., Fadakar P., Ganoza A., Humar A., Shapiro R., Michaels M. G., Green M. Epidemiology and outcome of chronic high Epstein-Barr viral load carriage in pediatric kidney transplant recipients. *Pediatr Transplant* 2018; 22(3): e13147. <doi:10.1111/petr.13147>.
https://www.ncbi.nlm.nih.gov/pubmed/29411474

Yamaguchi S., Nambu A., Numata T., Yoshizaki T., Narushima S., Shimura E., Hiraishi Y., Arae K., Morita H., Matsumoto K., Hisatome I., Sudo K., Nakae S. The roles of IL-17C in T cell-dependent and -independent inflammatory diseases. *Sci Rep* 2018; 8(1): 15750. <doi:10.1038/s41598-018-34054-x>.
https://www.ncbi.nlm.nih.gov/pubmed/30356086

Yasui Y., Mitsui T., Nishimura T., Uchida K., Inokuchi M., Mori M., Tokumura M., Nakayama T. School-age children and adolescents suspected of having been to be infected with pertussis in Japan. *Vaccine* 2018; 36(20): 2910-2915. <doi:10.1016/j.vaccine.2018.01.048>.
https://www.ncbi.nlm.nih.gov/pubmed/29609967

Yoshii S., Uda K., Miyairi I., Nakao H., Kono N., Kubota M., Ishiguro A. Multiple Bullae Associated with Human Parvovirus B19. *J Pediatr* 2018; 202327-327 e321. <doi:10.1016/j.jpeds.2018.05.038>.
https://www.ncbi.nlm.nih.gov/pubmed/29937083