小児インスリン治療研究会の業績（論文）

受賞一覧

日本小児内分泌学会田中賞受賞

20. Mochizuki M, Kikuchi T, Urakami T, Kikuchi N, Kawamura T, Yokomichi H, Kikuchi N, Kawamura T, Yokomichi H, Hoshino T, Matsuura N, Sasaki N, Sugihara S on behalf of The Japanese Study Group of Insulin Therapy for Childhood Adolescent Diabetes (JSGIT). Improvement in glycemic control through changes in insulin regimens: findings from a Japanese cohort of children and adolescents with type 1 diabetes. Pediatric Diabetes. 18(6):435-42.2017

英文

1. Matsuura N, Yokota Y, Kazahari K, Sasaki N, Amemiya S, Ito Y, Fukushima N, Koike A, Igarashi Y, Hirano T, Sugihara S, Miki Y, Urakami T, Uchigata Y, Kanematsu S, Ohki Y, Takesue M, Hasegawa Y, Miyamoto S, Fujimoto F, Fujitsuka S, Mori T, Ogawa H, Uchiyama M, Onigata K, Tachibana K, Kikuchi N, Taketani T, Kohno H, Kasahara Y, Isshiki G, Tokuda M, Takahashi T, Kanzaki S, Yokota I, Kida K, Okada T, Nishiyama S, Masuda H, Kinugasa A, Nukada O: The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT): Initial aims and impact of the family history of type 1 diabetes mellitus in Japanese children. Pediatric Diabtes 2(4): 160-169, 2001.
2. Urakami T, Kawamura T, Sugihara S, Miyamoto S, Amemiya S, Sasaki N, Matsuura N: A questionnaire survey on the use of quick-acting insulin analog in Japanese children with type 1 diabetes. Pediatr Int: 46(3): 285-290, 2004.
3. Yokota I, Amemiya S, Kida K, Sasaki N, Matsuura N and The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: Past 10-year status of insulin therapy for preschool-age Japanese children with type 1 diabetes. Diab Res Clin Pract 67(3): 227-233, 2005.
4. Kotani Y, Yokota I, Kagami S, Amemiya S, Matsuura N, Sasaki N, The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: Relatively small birth size and accelerated early growth of Japanese type 1 diabetic children with younger onset. Cli Pediatr Endocrinol 15(2): 73-78, 2006.
5. Murayama H, Matsuura N, Kawamura T, Maruyama T, Kikuchi N, Kobayashi T, Nishibe F, Nagata A: A sensitive radioimmunoassay of insulin autoantibody: Reduction of non-specific binding of (125I)insulin. J Autoimmunity 26(2): 127-132, 2006.
6. Kawamura T, Urakami T, Sugihara S, Kim HS, Mochizuki M, Amamiya S: Changes in Glycemic Control and Quality of Life in Pediatric Type 1 Diabetics

with Continuous Subcutaneous Insulin Infusion of Insulin Aspart Following Multiple Daily Injection Therapy. Clinical Pediatric Endocrinology 17(2): 39 -47 2008.

7. Sugihara S, Ogata T, Kawamura T, Urakami T, Takemoto K, Kikuchi N, Takubo N, Tsubouchi K, Horikawa R, Kobayashi K, Kasahara Y, Kikuchi T, Koike A, Mochizuki T, Minamitani K, Takaya R, Mochizuki H, Nishii A, Yokota I, Kizaki Z, Mori T, Shimura N, Mukai T, Matsuura N, Fujisawa T, Ihara K, Kosaka K, Kizu R, Takahashi T, Matsuo S, Hanaki K, Igarashi Y, Sasaki G, Soneda S, Teno S, Kanzaki S, Saji H, Tokunaga K, Amemiya S; Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT): HLA-class II and class I genotypes among Japanese children with Type 1A diabetes and their families. Pediatr Diabetes. 13(1): 33-44, 2012.
8. Sugihara S. Genetic Susceptibility of Childhood Type 1 Diabetes Mellitus in Japan. Pediatric Diabetes, Endocrine and Metabolic Diseases in Japan Past, Present and Future, Pediatric Endocrinology Reviews 10, Supplement 1:62-71, 2012.
9. Jinno K, Urakami T, Horikawa R, Kawamura T, Kikuchi N, Kikuchi T, Kizu R, Kosaka K, Mizuno H, Mochizuki T, Nishii A, Ohki Y, Soneda S, Sugihara S, Tatematsu T, Amemiya S; on behalf of The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: Usefulness of insulin detemir in Japanese children with type 1 diabetes. Pediatr Int. 54(6):773-9, 2012.
10. Urakami T, Suzuki J, Mugishima H, Amemiya S, Sugihara S, Kawamura T, Kikuchi T, Sasaki N, Matsuura N, Kitagawa T. Screening and Treatment of Childhood Type 1 and Type 2 Diabetes Mellitus in Japan. Pediatric Diabetes, Endocrine and Metabolic Diseases in Japan Past, Present and Future, Pediatric Endocrinology Reviews 10, Supplement 1:51-61, 2012.
11. Moritani M, Yokota I, Tsubouchi K, Takaya R, Takemoto K, Minamitani K, Urakami T, Kawamura T, Kikuchi N, Itakura M, Ogata T, Sugihara S, Amemiya S; on behalf of The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT): Identification of INS and KCNJ11 gene mutations in type 1B diabetes in Japanese children with onset of diabetes before 5 yr of age. Pediatr Diabetes. 14(2):112-20, 2013.
12. Akatsuka J, Mochizuki M, Musha I, Ohtake A, Kobayashi K, Kikuchi T, Kikuchi N, Kawamura T, Urakami T, Sugihara S, Hoshino T, Amemiya S. The ratio of glycated albumin to hemoglobin A1c measured in IFCC units accurately represents the glycation gap. Endocrine Journal. 62(2):161-172, 2015.

13. Ayabe T, Fukami1 M, Ogata T, Kawamura T, Urakami T, Kikuchi N, Yokota I, Ihara K, Takemoto K, Mukai T, Nishii A, Kikuchi T, Mori T, Shimura N, Sasaki G, Kizu R, Takubo N, Soneda S, Fujisawa T, Takaya R, Kizaki Z, Kanzaki S, Hanaki K, Matsuura N, Kasahara Y, Kosaka K, Takahashi T, Minamitani K, Matsuo S, Mochizuki H, Kobayashi K, Koike A, Horikawa R, Teno S, Tsubouchi K, Mochizuki T, Igarashi Y, Amemiya S, Sugihara S; The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT): Variants associated with autoimmune Type 1 diabetes in Japanese children: Implications for age-specific effects of cis-regulatory haplotypes at 17q12-q21. Diabetic Medicine, 2016, Jun 29. doi: 10.1111/dme.13175.
14. Okuno M, Yorifuji T, Kagami M, Ayabe T, Urakami T, Kawamura T, Kikuchi N, Yokota I, Kikuchi T, Amemiya S, Suzuki J, Ogata T, Sugihara S, Fukami M, and The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT)　Chromosome 6q24 methylation defects are uncommon in childhood-onset non-autoimmune diabetes mellitus patients born appropriate- or large-for-gestational age. Clinical Pediatric Endocrinology 25:99-102, 2016.
15. Moritani M, Yokota I, Horikawa R, Urakami T, Nishii A, Kawamura T, Kikuchi N, Kikuchi T, Ogata T, Sugihara S, Amemiya S, on behalf of The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT) . Identification of monogenic gene mutations in Japanese subjects diagnosed with type 1B diabetes between >5 and 15.1 years of age. J Pediatr Endocr Metab, 29(9):1047-1054, 2016.
16. Ihara K, Fukano C, Ayabe T, Fukami M, Ogata T, Kawamura T, Urakami T, Kikuchi N, Yokota I, Takemoto K, Mukai T, Nishii A, Kikuchi T, Mori T, Shimura N, Sasaki G, Kizu R, Takubo N, Soneda S, Fujisawa T, Takaya R, Kizaki Z, Kanzaki S, Hanaki K, Matsuura N, Kasahara Y, Kosaka K, Takahashi T, Minamitani K, Matsuo S, Mochizuki H, Kobayashi K, Koike A, Horikawa R, Teno S, Tsubouchi K, Mochizuki T, Igarashi Y, Amemiya S, Sugihara S; Japanese Study Group of Insulin Therapy for Childhood Adolescent Diabetes (JSGIT). FUT2 non-secretor status is associated with Type 1 diabetes susceptibility in Japanese children.　Diabet Med. 2016 Nov 18. doi: 10.1111/dme.13288.
17. Ushijima K, Fukami M, Ayabe T, Narumi S, Okuno M, Nakamura A, Takahashi T, Ihara K, Ohkubo K, Tachikawa E, Nakayama S, Arai J, Kikuchi N, Kikuchi T, Kawamura T, Urakami T, Hata K, Nakabayashi K, Matsubara Y, Amemiya S, Ogata T, Yokota I, Sugihara S; Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes.　Comprehensive screening for monogenic

diabetes in 89 Japanese children with insulin-requiring antibody-negative type 1 diabetes. Pediatr Diabetes. 2017 Jun 9. doi: 10.1111/pedi.12544. [Epub ahead of print]

18. Amemiya S, Mochizuki M, Musha I, Kikuchi T, Yokomichi H, Sugihara S, Hoshino T, the The Japanese Study Group of Insulin Therapy for Childhood Adolescent Diabetes. The ratio of glycated albumin to HbA (1c) as a haemoglobin glycation index with intra-familial correlations. Diabetologia. Supple.1107,2017
19. Takaike H, Uchigata Y, Matsuura N, Sasaki N, Amemiya S, Urakami T, Kawamura T, Kikuchi N, Sugihara S; Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT). The incidences of and risk factors for severe retinopathy requiring photocoagulation and albuminuria in Japanese patients with childhood-onset type 1 diabetes. Diabetol Int. 2017 Sep 22;9(2):121-128. doi: 10.1007/s13340-017-0336-9.
20. *日本小児内分泌学会田中賞受賞* Mochizuki M, Kikuchi T, Urakami T, Kikuchi N, Kawamura T, Yokomichi H, Kikuchi N, Kawamura T, Yokomichi H, Hoshino T, Matsuura N, Sasaki N, Sugihara S on behalf of The Japanese Study Group of Insulin Therapy for Childhood Adolescent Diabetes (JSGIT). Improvement in glycemic control through changes in insulin regimens: findings from a Japanese cohort of children and adolescents with type 1 diabetes. Pediatric Diabetes. 18(6):435-42.2017
21. Okuno M, Kasahara Y, Onodera M, Takubo N, Okajima M, Suga S, Watanabe N, Suzuki J, Ayabe T, Urakami T, Kawamura T, Kikuchi N, Yokota I, Kikuchi T, Amemiya S, Nakabayashi K, Hayashi K, Hata K, Matsubara Y, Ogata T, Fukami M, Sugihara S: Nucleotide substitutions in CD101, the human homolog of a diabetes susceptibility gene in non-obese diabetic mouse, in patients with type 1 diabetes. J Diabetes Investig. 8(3):286-294, 2017
22. Musha I, Mochizuki M, Kikuchi T, Akatsuka J, Ohtake A, Kobayashi K, Kikuchi N, Kawamura T, Yokota I, Urakami T, Sugihara S, Amemiya S; Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes. Estimation of glycaemic control in the past month using ratio of glycated albumin to HbA1c. Diabet Med. 35(7):855-61, 2018.
23. Ushijima K, Fukami M, Ayabe T, Narumi S, Okuno M, Nakamura A, Takahashi T, Ihara K, Ohkubo K, Tachikawa E, Nakayama S, Arai J, Kikuchi N, Kikuchi T, Kawamura T, Urakami T, Hata K, Nakabayashi K, Matsubara Y, Amemiya S, Ogata T, Yokota I, Sugihara S: The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: Comprehensive screening for monogenic

diabetes in 89 Japanese children with insulin-requiring antibody-negative type 1 diabetes. Pediatr Diabetes. 19(2): 243-250, 2018

24. Okuno M, Ayabe T, Yokota I, Musha I, Shiga K, Kikuchi T, Kikuchi N, Ohtake A, Nakamura A, Nakabayashi K, Okamura K, Momozawa Y, Kubo M, Suzuki J, Urakami T, Kawamura T, Amemiya S, Ogata T, Sugihara S, Fukami M, Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: Protein-altering variants of PTPN2 in childhood-onset type 1A diabetes. Diabet Med. 35(3):376–380, 2018.
25. Yamamoto Y, Kikuchi T, Urakami T, Goto M, Tsubouchi K, Sasaki G, Mizuno H, Abe Y, Kitsuda K, Amemiya S, Sugihara S. Status and trends in the use of insulin analogs, insulin delivery systems and their association with glycemic control: comparison of the two consecutive recent cohorts of Japanese children and adolescents with type 1 diabetes mellitus. J Pediatr Endocrinol Metab 2018 Dec 5. pii: /j/jpem.ahead-of-print/jpem-2018-0329/jpem-2018-0329.xml. doi: 10.1515/jpem-2018 -0329.
26. Ushijima K, Narumi S, Ogata T, Yokota I, Sugihara S, Kaname T, Horikawa Y, Matsubara Y, Fukami M, Kawamura T: Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes: *KLF11* variant in a family clinically diagnosed with early childhood-onset type 1B diabetes. Pediatr Diabetes. 2019 [Epub ahead of print]
27. Sugihara S, Yokota I, Mukai T, Mochizuki T, Nakayama M, Tachikawa E, Kawada Y, Minamitani K, Kikuchi N, Urakami T, Kawamura T, Kawasaki E, Kikuchi T, Amemiya S, The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT). Increased diagnosis of autoimmune childhood-onset Japanese type 1 diabetes using a new GADAb ELISA kit, compared with a previously used GADAb RIA kit. J Diabetes Investig 2020 May;11(3):594-602. doi: 10.1111/jdi.13184. Epub 2019 Dec 24.
28. Mochizuki M, Ito Y, Yokomichi H, Kikuchi T, Soneda S, Musha I, Anzo M, Kobayashi K, Matsuo K, Sugihara S, Sasaki N, Matsuura N, Amemiya S, On behalf of The Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT). Increasing secular trends in height and obesity in children with type 1 diabetes: JSGIT Cohort. Plos one. 15(11), 2020:e0242259.
29. Sugihara S, Kikuchi T, Urakami T, Yokota I, Kikuchi N, Kawamura T, Amemiya S, on behalf of the Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT). Residual endogenous insulin secretion in Japanese children with type 1A diabetes. Clin Pediatr Endocrinol 30: 27-33, 2021.

30. Kei Yoshida, Yuichi Mushimoto, Kanako Tanase-Nakao, Kazuhisa Akiba, Kanako Ishii, Tatsuhiko Urakami, Shigetaka Sugihara, Toru Kikuchi, Maki Fukami, Satoshi Narumi, Japanese Study Group of Insulin Therapy for Childhood and Adolescent Diabetes (JSGIT): A case report with functional characterization of a HNF1B mutation (p.Leu168Pro) causing MODY5. Clin Pediatr Endocrinol 30(4):179-185, 2021

和文

1. 小林基章，雨宮伸，石原俊秀，小林浩司，沢登恵美，東田耕輔，中澤眞平，岡崎美貴子，星野忠夫：HbA1c 測定標準化における測定機種間の誤差とその問題点．糖尿病 38：679-687，1995.
2. 雨宮伸，松浦信夫，佐々木望，星野忠夫，小児インスリン治療研究会：多施設間のグリコヘモグロビン測定標準化の検討;その成果と問題点．糖尿病 40(4)：219-229，1997.
3. 宮本茂樹，佐藤浩一，浦上達彦，菊地信行，武居正郎，雨宮伸，佐々木望，松浦信夫，小児インスリン治療研究会：1 型糖尿病におけるインスリン療法中の重症低血糖について．小児科臨床 54(3)：319-321，2001.
4. 浦上達彦(小児インスリン治療研究会)，宮本茂樹，川村智行，杉原茂孝，雨宮伸，佐々木望，松浦信夫：【小児内分泌学の進歩 2003】小児 1 型糖尿病に対する超速効型インスリンの至適治療法に関する検討．ホルモンと臨床 51(11)：967-971，2003.
5. 浦上達彦，宮本茂樹，川村智行，杉原茂孝，雨宮伸，佐々木望，松浦信夫，小児インスリン治療研究会：小児 1 型糖尿病における超速効型インスリン使用の実態調査．日児誌 107(11)：1491-1496，2003.
6. 松浦信夫，丸山太郎，川村智行，菊池信行，雨宮伸，佐々木望，小児インスリン治療研究会：1 型糖尿病の診断におけるインスリン抗体キット「ヤマサ」の有用性．医学と薬学 60(2)：299-304，2008.
7. 村山寛，濱沖勝，松浦信夫，丸山太郎，西部史，長田篤雄：血清中インスリン抗体測定キットの開発．医学と薬学 60(2)：289-297，2008.
8. 菊池透，浦上達彦，川村智行，宮本茂樹，杉原茂孝，望月美恵，雨宮伸，松浦信夫，佐々木望，小児インスリン治療研究会：【小児内分泌学の進歩 2008】インスリンアナログ製剤の使用による小児期発症 1 型糖尿病の治療成績の変化 小児インスリン治療研究会第 2 コホートデータより．ホルモンと臨床 56(12)：1163-1169，2008.
9. 横田一郎，森谷眞紀，緒方勤，杉原茂孝，雨宮伸，小児インスリン治療研究会：

【小児内分泌学の進歩 2012】 糖尿病　1B 型糖尿病における単一遺伝子異常による糖尿病の紛れ込みの検討. ホルモンと臨床 59(12): 1039-1042, 2011.
10. 竹本幸司, 杉原茂孝, 川村智行, 浦上達彦, 菊池信行, 緒方勤, 雨宮伸, 小児インスリン治療研究会遺伝素因メンバー: 【小児内分泌学の進歩 2012】 糖尿病　小児 1 型糖尿病(1A 型)の同胞発症率と同胞における遺伝素因の解析. ホルモンと臨床 59(12): 1043-1047, 2011.
11. 杉原茂孝: 小児 1 型糖尿病～特に日本と欧米の共通点・相違点　特集：1 型糖尿病～日本から世界への発信～ Diabetes Frontier 23:295-303, 2012.
12. 斎藤真希, 伊東 建, 山岡 祥子, 細江 隼, 庄嶋 伸浩, 門脇 弘子, 宮田 市郎；IGF-I 治療を施行した Rabson-Mendenhall 症候群の 1 例. 糖尿病 62 巻 12 号：755-762,2019
13. 望月美恵, 武者育麻, 小林浩司, 鈴木滋, 小林基章, 菊池信行, 横田一郎, 川村智行, 浦上達彦, 菊池透, 杉原茂孝, 佐々木望, 松浦信夫, 星野忠夫, 雨宮伸. ヘモグロビン A1c とグリコアルブミンの実臨床検体による精度管理. 小児インスリン治療研究会報告.糖尿病 63(11):733-739, 2020
14. 菊池透.小児糖尿病の最新の知識　わが国の小児期･思春期 1 型糖尿病治療の現状. 小児看護 44(10):1234-1239, 2021