

資料 9

新たな遺伝子異常に起因する先天性副腎低形成症の論文リスト

本研究班の代表・分担研究者をアンダーラインで示す

「SAMD9 異常に起因する先天性副腎低形成症」

SAMD9 mutations cause a novel multisystem disorder, MIRAGE syndrome, and are associated with loss of chromosome 7.

Narumi S, Amano N, Ishii T, Katsumata N, Muroya K, Adachi M, Toyoshima K, Tanaka Y, Fukuzawa R, Miyako K, Kinjo S, Ohga S, Ihara K, Inoue H, Kinjo T, Hara T, Kohno M, Yamada S, Urano H, Kitagawa Y, Tsugawa K, Higa A, Miyawaki M, Okutani T, Kizaki Z, Hamada H, Kihara M, Shiga K, Yamaguchi T, Kenmochi M, Kitajima H, Fukami M, Shimizu A, Kudoh J, Shibata S, Okano H, Miyake N, Matsumoto N, Hasegawa T. Nat Genet. 2016 Jul;48(7):792-7.

Somatic mutations and progressive monosomy modify SAMD9-related phenotypes in humans.

Buonocore F, Kühnen P, Suntharalingham JP, Del Valle I, Digweed M, Stachelscheid H, Khajavi N, Didi M, Brady AF, Blankenstein O, Procter AM, Dimitri P, Wales JKH, Ghirri P, Knöbl D, Strahm B, Erlacher M, Wlodarski MW, Chen W, Kokai GK, Anderson G, Morrogh D, Moulding DA, McKee SA, Niemeyer CM, Grüters A, Achermann JC. J Clin Invest. 2017 May 1;127(5):1700-1713.

Genetic defects in pediatric-onset adrenal insufficiency in Japan.

Amano N, Narumi S, Hayashi M, Takagi M, Imai K, Nakamura T, Hachiya R, Sasaki G, Homma K, Ishii T, Hasegawa T. Eur J Endocrinol. 2017 Aug;177(2):187-194.

MECHANISMS IN ENDOCRINOLOGY: Update on pathogenesis of primary adrenal insufficiency: beyond steroid enzyme deficiency and autoimmune adrenal destruction.

Flück CE. Eur J Endocrinol. 2017 Sep;177(3):R99-R111.

A novel SAMD9 mutation causing MIRAGE syndrome: An expansion and review of phenotype, dysmorphology, and natural history.

Jeffries L, Shima H, Ji W, Panisello-Manterola D, McGrath J, Bird LM, Konstantino M, Narumi S, Lakhani S. *Am J Med Genet A*. 2018 Feb;176(2):415–420.

Somatic mosaic monosomy 7 and UPD7q in a child with MIRAGE syndrome caused by a novel SAMD9 mutation.

Csillag B, Ilencikova D, Meissl M, Webersinke G, Laccone F, Narumi S, Haas O, Duba HC. *Pediatr Blood Cancer*. 2019 Apr;66(4):e27589.

A novel SAMD9 variant identified in patient with MIRAGE syndrome: Further defining syndromic phenotype and review of previous cases.

Perisa MP, Rose MJ, Varga E, Kamboj MK, Spencer JD, Bajwa RPS. *Pediatr Blood Cancer*. 2019 Jul;66(7):e27726.

Reversion SAMD9 Mutations Modifying Phenotypic Expression of MIRAGE Syndrome and Allowing Inheritance in a Usually de novo Disorder.

Roucher-Boulez F, Mallet D, Chatron N, Dijoud F, Gorduza DB, Bretones P, Morel Y. *Front Endocrinol (Lausanne)*. 2019 Sep 11;10:625.

Primary adrenal insufficiency: New genetic causes and their long-term consequences.

Buonocore F, Achermann JC. *Clin Endocrinol (Oxf)*. 2020 Jan;92(1):11–20.

A Rare Etiology of 46,XY Disorder of Sex Development and Adrenal Insufficiency: A Case of MIRAGE Syndrome Caused by Mutations in the SAMD9 Gene.

Mengen E, Küçükçongar Yavaş A, Uçaktürk SA. *J Clin Res Pediatr Endocrinol*. 2020 Jun 3;12(2):206–211.

「SGPL1 異常に起因する先天性副腎低形成症」

Mutations in sphingosine-1-phosphate lyase cause nephrosis with ichthyosis and adrenal insufficiency.

Lovric S, Goncalves S, Gee HY, Oskouian B, Srinivas H, Choi WI, Shril S, Ashraf S, Tan W, Rao J, Airik M, Schapiro D, Braun DA, Sadowski CE, Widmeier E, Jobst-Schwan T, Schmidt JM, Girik V, Capitani G, Suh JH, Lachaussée N, Arrondel C, Patat J, Gribouval O, Furlano M, Boyer O, Schmitt A, Vuiblet V, Hashmi S, Wilcken R, Bernier FP, Innes AM, Parboosingh JS, Lamont RE, Midgley JP, Wright N, Majewski J, Zenker M, Schaefer F, Kuss N, Greil J, Giese T, Schwarz K, Catheline V, Schanze D, Franke I, Sznajer Y, Truant AS, Adams B, Désir J, Biemann R, Pei Y, Ars E, Lloberas N, Madrid A, Dharnidharka VR, Connolly AM, Willing MC, Cooper MA, Lifton RP, Simons M, Riezman H, Antignac C, Saba JD, Hildebrandt F. *J Clin Invest.* 2017 Mar 1;127(3):912–928.

Sphingosine-1-phosphate lyase mutations cause primary adrenal insufficiency and steroid-resistant nephrotic syndrome.

Prasad R, Hadjidemetriou I, Maharaj A, Meimaridou E, Buonocore F, Saleem M, Hurcombe J, Bierzynska A, Barbagelata E, Bergadá I, Cassinelli H, Das U, Krone R, Hacıhamdioglu B, Sari E, Yesilkaya E, Storr HL, Clemente M, Fernandez-Cancio M, Camats N, Ram N, Achermann JC, Van Veldhoven PP, Guasti L, Braslavsky D, Guran T, Metherell LA. *J Clin Invest.* 2017 Mar 1;127(3):942–953.

Deficiency of the sphingosine-1-phosphate lyase SGPL1 is associated with congenital nephrotic syndrome and congenital adrenal calcifications.

Janecke AR, Xu R, Steichen-Gersdorf E, Waldegger S, Entenmann A, Giner T, Krainer I, Huber LA, Hess MW, Frishberg Y, Barash H, Tzur S, Schreyer-Shafir N, Sukenik-Halevy R, Zehavi T, Raas-Rothschild A, Mao C, Müller T. *Hum Mutat.* 2017 Apr;38(4):365–372.

Nephrotic syndrome and adrenal insufficiency caused by a variant in SGPL1.

Linhares ND, Arantes RR, Araujo SA, Pena SDJ. *Clin Kidney J.* 2018 Aug;11(4):462–467.

MECHANISMS IN ENDOCRINOLOGY: Update on pathogenesis of primary adrenal insufficiency: beyond steroid enzyme deficiency and autoimmune adrenal destruction.

Flück GE. Eur J Endocrinol. 2017 Sep;177(3):R99–R111.

SGPL1 Deficiency: A Rare Cause of Primary Adrenal Insufficiency.

Settas N, Persky R, Faucz FR, Sheanon N, Voutetakis A, Lodish M, Metherell LA, Stratakis CA. J Clin Endocrinol Metab. 2019 May 1;104(5):1484–1490.

Primary adrenal insufficiency: New genetic causes and their long-term consequences.

Buonocore F, Achermann JC. Clin Endocrinol (Oxf). 2020 Jan;92(1):11–20.