

Insulin Gene Mutations as Cause of Diabetes in Children Autoantibodies

Diabetes Care

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Transition to Adult Care for Youths With Diabetes Mellitus: Findings From a Universal Health Care System. <i>Pediatrics</i> , 2009, 124, e1134-e1141.	1.0	259
2	A Strategy for Analyzing Gene-Nutrient Interactions in Type 2 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2009, 3, 710-721.	1.3	10
4	A brief perspective on insulin production. <i>Diabetes, Obesity and Metabolism</i> , 2009, 11, 189-196.	2.2	85
5	Mutations in <i>IAPP</i> and <i>NEUROG3</i> genes are not a common cause of permanent neonatal/infancy/childhood-onset diabetes. <i>Diabetic Medicine</i> , 2009, 26, 660-661.	1.2	3
6	Testing for monogenic diabetes among children and adolescents with antibody-negative clinically defined Type 1 diabetes. <i>Diabetic Medicine</i> , 2009, 26, 1070-1074.	1.2	49
8	Update in neonatal diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2010, 17, 13-19.	1.2	37
10	The Value of National Diabetes Registries: SEARCH for Diabetes in Youth Study. <i>Current Diabetes Reports</i> , 2010, 10, 362-369.	1.7	20
11	Clinical and molecular genetics of neonatal diabetes due to mutations in the insulin gene. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2010, 11, 205-215.	2.6	123
12	Further evidence that mutations in <i>INS</i> can be a rare cause of Maturity-Onset Diabetes of the Young (MODY). <i>BMC Medical Genetics</i> , 2010, 11, 42.	2.1	67
13	Mexican American Youths' and Mothers' Explanatory Models of Diabetes Prevention. <i>Journal for Specialists in Pediatric Nursing</i> , 2010, 15, 6-15.	0.6	5
14	Insulin Gene Mutations Resulting in Early-Onset Diabetes: Marked Differences in Clinical Presentation, Metabolic Status, and Pathogenic Effect Through Endoplasmic Reticulum Retention. <i>Diabetes</i> , 2010, 59, 653-661.	0.3	132
15	Psychometric Findings for a Spanish Translation of the Diabetes Self-Management Profile (DSMP-Parent-Sp). <i>Diabetes Care</i> , 2010, 33, 3-8.	4.3	25
16	Adherence and Glycemic Control among Hispanic Youth with Type 1 Diabetes: Role of Family Involvement and Acculturation. <i>Journal of Pediatric Psychology</i> , 2010, 35, 156-166.	1.1	71
17	Age and Sex Differences in Hospitalizations Associated with Diabetes. <i>Journal of Women's Health</i> , 2010, 19, 2033-2042.	1.5	21
18	In vitro processing and secretion of mutant insulin proteins that cause permanent neonatal diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E403-E410.	1.8	72
19	Mutant proinsulin proteins associated with neonatal diabetes are retained in the endoplasmic reticulum and not efficiently secreted. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1449-1454.	1.0	78
20	Neonatal diabetes mellitus: A model for personalized medicine. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 464-472.	3.1	70
21	Proinsulin misfolding and diabetes: mutant <i>INS</i> gene-induced diabetes of youth. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 652-659.	3.1	149

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22	Epidemiology of Type 1 Diabetes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2010, 39, 481-497.	1.2	829
23	Type 2 diabetes in younger adults: the emerging UK epidemic. <i>Postgraduate Medical Journal</i> , 2010, 86, 711-718.	0.9	56
24	Special considerations on the management of Latino patients with type 2 diabetes mellitus. <i>Current Medical Research and Opinion</i> , 2011, 27, 969-979.	0.9	16
25	Diabetes Care for Emerging Adults: Recommendations for Transition From Pediatric to Adult Diabetes Care Systems. <i>Diabetes Care</i> , 2011, 34, 2477-2485.	4.3	477
26	Insulin gene mutations and diabetes. <i>Journal of Diabetes Investigation</i> , 2011, 2, 92-100.	1.1	31
27	Intrafamilial Variability of Early-Onset Diabetes due to an INSMutation. <i>Case Reports in Genetics</i> , 2011, 2011, 1-5.	0.1	1
28	Persistently autoantibody negative (PAN) type 1 diabetes mellitus in children. <i>Pediatric Diabetes</i> , 2011, 12, 142-149.	1.2	51
29	Prescribed regimen intensity in diverse youth with type 1 diabetes: role of family and provider perceptions. <i>Pediatric Diabetes</i> , 2011, 12, 696-703.	1.2	46
30	Self-management problem solving for adolescents with type 1 diabetes: Intervention processes associated with an Internet program. <i>Patient Education and Counseling</i> , 2011, 85, 140-142.	1.0	46
31	Association Study of Candidate Gene Polymorphisms and Obesity in a Young Mexican-American Population from South Texas. <i>Archives of Medical Research</i> , 2011, 42, 523-531.	1.5	24
32	Teen Peer Educators and Diabetes Knowledge of Low-Income Fifth Grade Students. <i>Journal of Community Health</i> , 2011, 36, 23-26.	1.9	4
34	Development, validation and use of an insulin sensitivity score in youths with diabetes: the SEARCH for Diabetes in Youth study. <i>Diabetologia</i> , 2011, 54, 78-86.	2.9	110
35	Permanent diabetes during the first year of life: multiple gene screening in 54 patients. <i>Diabetologia</i> , 2011, 54, 1693-1701.	2.9	63
36	Neonatal Diabetes: An Expanding List of Genes Allows for Improved Diagnosis and Treatment. <i>Current Diabetes Reports</i> , 2011, 11, 519-532.	1.7	99
37	Effects of a Culturally Tailored Intervention on Changes in Body Mass Index and Health-Related Quality of Life of Latino Children and Their Parents. <i>American Journal of Health Promotion</i> , 2011, 25, e1-e11.	0.9	46
38	Medical Expenditures Associated With Diabetes Among Privately Insured U.S. Youth in 2007. <i>Diabetes Care</i> , 2011, 34, 1097-1101.	4.3	31
39	Review on monogenic diabetes. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2011, 18, 252-258.	1.2	45
40	Characterization of Early EDEM1 Protein Maturation Events and Their Functional Implications. <i>Journal of Biological Chemistry</i> , 2011, 286, 24906-24915.	1.6	37

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41	Impaired Cleavage of Preproinsulin Signal Peptide Linked to Autosomal-Dominant Diabetes. <i>Diabetes</i> , 2012, 61, 828-837.	0.3	61
42	Associations Among Parent Acculturation, Child BMI, and Child Fruit and Vegetable Consumption in a Hispanic Sample. <i>Journal of Immigrant and Minority Health</i> , 2012, 14, 1023-1029.	0.8	18
43	The worldwide epidemiology of type 2 diabetes mellitus—present and future perspectives. <i>Nature Reviews Endocrinology</i> , 2012, 8, 228-236.	4.3	1,653
44	The Epidemiology of Type 1 Diabetes in Children. <i>Endocrinology and Metabolism Clinics of North America</i> , 2012, 41, 679-694.	1.2	74
45	Transition to Adult Care for Youth with Type 1 Diabetes. <i>Current Diabetes Reports</i> , 2012, 12, 533-541.	1.7	76
46	Estimated morbidity and mortality in adolescents and young adults diagnosed with Type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2012, 29, 453-463.	1.2	134
47	One-Hour Glucose During an Oral Glucose Challenge Prospectively Predicts Î²-Cell Deterioration and Prediabetes in Obese Hispanic Youth. <i>Diabetes Care</i> , 2013, 36, 1681-1686.	4.3	31
48	Race/Ethnic Difference in Diabetes and Diabetic Complications. <i>Current Diabetes Reports</i> , 2013, 13, 814-823.	1.7	448
49	Protein Folding in the Endoplasmic Reticulum. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a013201-a013201.	2.3	392
50	Serological Proteome Analysis (SERPA) as a tool for the identification of new candidate autoantigens in type 1 diabetes. <i>Journal of Proteomics</i> , 2013, 82, 263-273.	1.2	32
51	Permanent neonatal diabetes due to a novel L105P (c.314T>C; p.Leu105Pro) heterozygous mutation in insulin gene. <i>International Journal of Diabetes in Developing Countries</i> , 2013, 33, 226-228.	0.3	1
52	Identification of <i>INS</i> and <i>KCNJ11</i> gene mutations in type 1B diabetes in Japanese children with onset of diabetes before 5 yr of age. <i>Pediatric Diabetes</i> , 2013, 14, 112-120.	1.2	24
54	The role of the unfolded protein response in diabetes mellitus. <i>Seminars in Immunopathology</i> , 2013, 35, 333-350.	2.8	22
55	Global trends in the incidence and prevalence of type 2 diabetes in children and adolescents: a systematic review and evaluation of methodological approaches. <i>Diabetologia</i> , 2013, 56, 1471-1488.	2.9	175
56	Increasing Incidence of Type 1 Diabetes in Youth. <i>Diabetes Care</i> , 2013, 36, 1597-1603.	4.3	98
57	Outcomes of a 12-Month Technology-Based Intervention to Promote Weight Loss in Adolescents at Risk for Type 2 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2013, 7, 759-770.	1.3	67
58	Molecular diagnosis of maturity onset diabetes of the young in India. <i>Indian Journal of Endocrinology and Metabolism</i> , 2013, 17, 430.	0.2	13
59	Adiposity indices in the prediction of insulin resistance in prepubertal Colombian children. <i>Public Health Nutrition</i> , 2013, 16, 248-255.	1.1	17

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60	Transgenic zebrafish model of the C43G human insulin gene mutation. <i>Journal of Diabetes Investigation</i> , 2013, 4, 157-167.	1.1	12
61	The diagnosis and management of monogenic diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2014, 15, 47-64.	1.2	170
62	The SEARCH for Diabetes in Youth Study: Rationale, Findings, and Future Directions. <i>Diabetes Care</i> , 2014, 37, 3336-3344.	4.3	334
63	Insulin resistance and associated factors in patients with Type 1 Diabetes. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 131.	1.2	23
64	Update on the American Diabetes Association Standards of Medical Care. <i>Nurse Practitioner</i> , 2014, 39, 22-32.	0.2	18
65	Re: "Prevalence of Diagnosed and Undiagnosed Type 2 Diabetes Mellitus Among US Adolescents: Results From the Continuous NHANES, 1999-2010". <i>American Journal of Epidemiology</i> , 2014, 179, 396-397.	1.6	3
66	KCNJ11 gene mutation analysis on nine Chinese patients with type 1B diabetes diagnosed before 3 years of age. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2014, 27, 519-23.	0.4	7
67	Early onset type 2 diabetes: risk factors, clinical impact and management. <i>Therapeutic Advances in Chronic Disease</i> , 2014, 5, 234-244.	1.1	172
68	Challenging Recruitment of Youth With Type 2 Diabetes Into Clinical Trials. <i>Journal of Adolescent Health</i> , 2014, 54, 247-254.	1.2	46
69	Proinsulin Entry and Transit Through the Endoplasmic Reticulum in Pancreatic Beta Cells. <i>Vitamins and Hormones</i> , 2014, 95, 35-62.	0.7	69
70	Maleâ€“Female Differences in Diabetic Retinopathy?. <i>Current Eye Research</i> , 2015, 40, 234-246.	0.7	68
71	INS-gene mutations: From genetics and beta cell biology to clinical disease. <i>Molecular Aspects of Medicine</i> , 2015, 42, 3-18.	2.7	106
72	Racial-Ethnic Disparities in Management and Outcomes Among Children With Type 1 Diabetes. <i>Pediatrics</i> , 2015, 135, 424-434.	1.0	282
73	Lifestyle Therapy for the Treatment of Youth with Type 2 Diabetes. <i>Current Diabetes Reports</i> , 2015, 15, 568.	1.7	46
74	Frameshift mutations in the insulin gene leading to prolonged molecule of insulin in two families with Maturity-Onset Diabetes of the Young. <i>European Journal of Medical Genetics</i> , 2015, 58, 230-234.	0.7	21
75	Identifying monogenic diabetes in a pediatric cohort with presumed type 1 diabetes. <i>Pediatric Diabetes</i> , 2015, 16, 227-233.	1.2	24
76	Monogenic Diabetes: What It Teaches Us on the Common Forms of Type 1 and Type 2 Diabetes. <i>Endocrine Reviews</i> , 2016, 37, 190-222.	8.9	100
77	Clinical and genetic features of Argentinian children with diabetes-onset before 12 months of age: Successful transfer from insulin to oral sulfonylurea. <i>Diabetes Research and Clinical Practice</i> , 2016, 117, 104-110.	1.1	8

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78	Clinical and molecular characterization of a novel INS mutation identified in patients with MODY phenotype. <i>European Journal of Medical Genetics</i> , 2016, 59, 590-595.	0.7	26
80	Hyperglucagonemia in an animal model of insulin- deficient diabetes: what therapy can improve it?. <i>Clinical Diabetes and Endocrinology</i> , 2016, 2, 11.	1.3	9
81	Bilateral cataracts in a 6-yr-old with new onset diabetes: a novel presentation of a known<i>INS</i>gene mutation. <i>Pediatric Diabetes</i> , 2016, 17, 535-539.	1.2	11
82	Diabetes associated with dominant insulin gene mutations: outcome of 24-month, sensor-augmented insulin pump treatment. <i>Acta Diabetologica</i> , 2016, 53, 499-501.	1.2	22
83	Biosynthesis, Processing, and Secretion of the Islet Hormones. , 2016, , 527-545.e6.		1
84	Whole-exome sequencing identifies a novel INS mutation causative of maturity-onset diabetes of the young 10. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 376-383.	1.5	18
86	Comprehensive screening for monogenic diabetes in 89 Japanese children with insulin-requiring antibody-negative type 1 diabetes. <i>Pediatric Diabetes</i> , 2018, 19, 243-250.	1.2	10
87	Biosynthesis, structure, and folding of the insulin precursor protein. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 28-50.	2.2	140
88	Effects of proinsulin misfolding on β -cell dynamics, differentiation and function in diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 95-103.	2.2	23
89	A comprehensive review of signal peptides: Structure, roles, and applications. <i>European Journal of Cell Biology</i> , 2018, 97, 422-441.	1.6	240
90	Negative autoimmunity in a Spanish pediatric cohort suspected of type 1 diabetes, could it be monogenic diabetes?. <i>PLoS ONE</i> , 2019, 14, e0220634.	1.1	11
91	Factors Influencing Recombinant Protein Secretion Efficiency in Gram-Positive Bacteria: Signal Peptide and Beyond. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 139.	2.0	42
92	Diagnosis, Therapy and Follow-up of Diabetes Mellitus in Children and Adolescents. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 341-352.	0.6	12
93	A Novel c.125â€%T>G (p.Val42Gly) Mutation in The Human INS Gene Leads to Neonatal Diabetes Mellitus via a Decrease in Insulin Synthesis. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 182-189.	0.6	3
94	High Prevalence of a Monogenic Cause in Han Chinese Diagnosed With Type 1 Diabetes, Partly Driven by Nonsyndromic Recessive <i>WFS1</i> Mutations. <i>Diabetes</i> , 2020, 69, 121-126.	0.3	26
95	Biological behaviors of mutant proinsulin contribute to the phenotypic spectrum of diabetes associated with insulin gene mutations. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 111025.	1.6	11
96	Insulin gene mutations and posttranslational and translocation defects: associations with diabetes. <i>Endocrine</i> , 2020, 70, 488-497.	1.1	9
97	Young-onset type 2 diabetes mellitus â€” implications for morbidity and mortality. <i>Nature Reviews Endocrinology</i> , 2020, 16, 321-331.	4.3	215

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98	Clinical features, complications and treatment of rarer forms of maturity-onset diabetes of the young (MODY) - A review. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107640.	1.2	35
99	Monogenic diabetes: a gateway to precision medicine in diabetes. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	77
100	In celebration of a century with insulin – Update of insulin gene mutations in diabetes. <i>Molecular Metabolism</i> , 2021, 52, 101280.	3.0	20
101	Altered islet prohormone processing: a cause or consequence of diabetes?. <i>Physiological Reviews</i> , 2022, 102, 155-208.	13.1	15
103	Intramolecular quality control: HIV-1 envelope gp160 signal-peptide cleavage as a functional folding checkpoint. <i>Cell Reports</i> , 2021, 36, 109646.	2.9	7
104	Insulin gene mutations linked to permanent neonatal diabetes mellitus in Indian population. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 108022.	1.2	6
105	Not every child with diabetes needs insulin. <i>BMJ: British Medical Journal</i> , 2010, 341, c6512-c6512.	2.4	3
106	Distinguishing Type 2 Diabetes from Type 1 Diabetes in African American and Hispanic American Pediatric Patients. <i>PLoS ONE</i> , 2012, 7, e32773.	1.1	6
108	Biosynthesis, Processing, and Secretion of the Islet Hormones. , 2010, , 603-623.		0
109	Genetically Programmed Defects in β -Cell Function. , 2011, , 299-326.		1
110	Monogenic diabetes mellitus associated with a mutation in the insulin gene (INS). <i>Problemy Endokrinologii</i> , 2013, 59, 45-48.	0.2	2
111	Not Autoimmune Diabetes Mellitus in Paediatrics. , 2017, , 137-146.		0
113	MODY10 caused by c.309-314del CCAGCT insGCCG mutation of the insulin gene: a case report. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 6599-6607.	0.0	1
114	Clinical, hormonal and molecular-genetic characteristics of monogenic diabetes mellitus associated with the mutations in the <i>INS</i> gene. <i>Diabetes Mellitus</i> , 2022, 24, 414-421.	0.5	1
115	MODY caused by a mutation in the insulin gene. <i>Diabetes Mellitus</i> , 2022, 25, 89-94.	0.5	0
116	Diabetes Mellitus Diagnosed in Childhood and Adolescence With Negative Autoimmunity: Results of Genetic Investigation. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	6
118	Diagnosis, Therapy and Follow-Up of Diabetes Mellitus in Children and Adolescents. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, S49-S79.	0.6	1
119	Epidemiology of Type 1 Diabetes. <i>Current Cardiology Reports</i> , 2022, 24, 1455-1465.	1.3	16

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120	Hypertension in Children with Type 2 Diabetes or the Metabolic Syndrome. , 2023, , 421-437.		0
121	Genetic determinants of type 1 diabetes in individuals with weak evidence of islet autoimmunity at disease onset. Diabetologia, 2023, 66, 695-708.	2.9	0
123	Identification of alternative splicing events related to fatty liver formation in duck using full-length transcripts. BMC Genomics, 2023, 24, .	1.2	0
124	A Review of the Biosynthesis and Structural Implications of Insulin Gene Mutations Linked to Human Disease. Cells, 2023, 12, 1008.	1.8	2