

# Respiratory infections are temporally associated with insulin autoimmunity: the TEDDY study

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Association Between Early-Life Antibiotic Use and the Risk of Islet or Celiac Disease Autoimmunity. JAMA Pediatrics, 2017, 171, 1217.	3.3	79
2	Innate Viral Receptor Signaling Determines Type 1 Diabetes Onset. Frontiers in Endocrinology, 2017, 8, 249.	1.5	22
3	An inexplicable upsurge: The rise in type 1 diabetes. Diabetes Research and Clinical Practice, 2018, 137, 242-244.	1.1	8
4	Potential role of type I interferon in the pathogenic process leading to type 1 diabetes. Current Opinion in Endocrinology, Diabetes and Obesity, 2018, 25, 94-100.	1.2	24
5	Respiratory virus-induced heterologous immunity. Allergo Journal International, 2018, 27, 79-96.	0.9	13
6	Developing a vaccine for type 1 diabetes by targeting coxsackievirus B. Expert Review of Vaccines, 2018, 17, 1071-1083.	2.0	46
7	The Dynamic Origins of Type 1 Diabetes. Diabetes Care, 2018, 41, 2441-2443.	4.3	4
8	The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update. Current Diabetes Reports, 2018, 18, 136.	1.7	77
9	Enteroviral Infections as a Trigger for Type 1 Diabetes. Current Diabetes Reports, 2018, 18, 106.	1.7	18
11	Pandemic influenza and subsequent risk of type 1 diabetes: a nationwide cohort study. Diabetologia, 2018, 61, 1996-2004.	2.9	39
12	Pet exposure in the family during pregnancy and risk for type 1 diabetes-The prospective ABIS study. Pediatric Diabetes, 2018, 19, 1206-1210.	1.2	3
13	Respiratory virus-induced heterologous immunity. Allergo Journal, 2018, 27, 28-45.	0.1	10
14	Involvement of adipose tissue inflammation and dysfunction in virus-induced type 1 diabetes. Journal of Endocrinology, 2018, 238, 61-75.	1.2	8
15	Genetic and Environmental Interaction in Type 1 Diabetes: a Relationship Between Genetic Risk Alleles and Molecular Traits of Enterovirus Infection?. Current Diabetes Reports, 2019, 19, 82.	1.7	33
16	Type 1 Diabetes Mellitus and Celiac Disease: Distinct Autoimmune Disorders That Share Common Pathogenic Mechanisms. Hormone Research in Paediatrics, 2019, 92, 285-292.	0.8	30
17	Early-life factors contributing to type 1 diabetes. Diabetologia, 2019, 62, 1823-1834.	2.9	62
18	Viruses and Autoimmunity: A Review on the Potential Interaction and Molecular Mechanisms. Viruses, 2019, 11, 762.	1.5	348
19	Role of healthcare databases and registries for surveillance of orphan drugs in the real-world setting: the Italian case study. Expert Opinion on Drug Safety, 2019, 18, 497-509.	1.0	24

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20	The association between stressful life events and respiratory infections during the first 4 years of life: <scp>The Environmental Determinants of Diabetes in the Young</scp> study. <i>Stress and Health</i> , 2019, 35, 289-303.	1.4	9
21	Incidence and trend of type 1 diabetes and the underlying environmental determinants. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3075.	1.7	77
22	The diabetes pandemic and associated infections: suggestions for clinical microbiology. <i>Reviews in Medical Microbiology</i> , 2019, 30, 1-17.	0.4	98
23	Enterovirus infection and type 1 diabetes: unraveling the crime scene. <i>Clinical and Experimental Immunology</i> , 2018, 195, 15-24.	1.1	39
24	Time-Resolved Autoantibody Profiling Facilitates Stratification of Preclinical Type 1 Diabetes in Children. <i>Diabetes</i> , 2019, 68, 119-130.	0.3	28
25	Autoimmune (Type 1) Diabetes. , 2020, , 769-787.		4
26	Antibiotic treatment during early childhood and risk of type 1 diabetes in children: A national birth cohort study. <i>Pediatric Diabetes</i> , 2020, 21, 1457-1464.	1.2	6
27	New onset diabetes, type 1 diabetes and COVID-19. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 2211-2217.	1.8	131
28	COVID-19 and type 1 diabetes: dealing with the difficult duo. <i>International Journal of Diabetes in Developing Countries</i> , 2020, 40, 315-320.	0.3	27
29	Early Onset of Autoimmune Diabetes in Children with Down Syndrome—Two Separate Aetiologies or an Immune System Pre-Programmed for Autoimmunity?. <i>Current Diabetes Reports</i> , 2020, 20, 47.	1.7	8
30	Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. <i>Diabetes</i> , 2020, 69, 465-476.	0.3	30
31	Prediction and Prevention of Type 1 Diabetes. <i>Frontiers in Endocrinology</i> , 2020, 11, 248.	1.5	41
32	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. <i>Diabetes Care</i> , 2020, 43, 2066-2073.	4.3	41
33	Type 1 diabetes onset triggered by COVID-19. <i>Acta Diabetologica</i> , 2020, 57, 1265-1266.	1.2	89
34	Type 1 diabetes—early life origins and changing epidemiology. <i>Lancet Diabetes and Endocrinology</i> , the, 2020, 8, 226-238.	5.5	187
35	Use of Antiasthmatic Drugs and the Risk of Type 1 Diabetes in Children: A Nationwide Case-Cohort Study. <i>American Journal of Epidemiology</i> , 2020, 189, 779-787.	1.6	6
36	Antipyretics might occupy a narrow temporal position in aetiology of type 1 diabetes: Immunological and intestinal studies required. <i>Medical Hypotheses</i> , 2020, 141, 109708.	0.8	0
37	COVID-19 and diabetes; Possible role of polymorphism and rise of telemedicine. <i>Primary Care Diabetes</i> , 2021, 15, 4-9.	0.9	18

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38	Oral insulin immunotherapy in children at risk for type 1 diabetes in a randomised controlled trial. <i>Diabetologia</i> , 2021, 64, 1079-1092.	2.9	31
39	Harnessing CD8 + T cell exhaustion to treat type 1 diabetes. <i>Immunology and Cell Biology</i> , 2021, 99, 486-495.	1.0	5
40	Why Is COVID-19 More Severe in Patients With Diabetes? The Role of Angiotensin-Converting Enzyme 2, Endothelial Dysfunction and the Immunoinflammatory System. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 629933.	1.1	43
41	Case Report: Insulin-Dependent Diabetes Mellitus and Diabetic Keto-Acidosis in a Child With COVID-19. <i>Frontiers in Pediatrics</i> , 2021, 9, 628810.	0.9	14
42	Dietary and Protective Factors to Halt or Mitigate Progression of Autoimmunity, COVID-19 and Its Associated Metabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3134.	1.8	11
43	Bidirectional link between diabetes mellitus and coronavirus disease 2019 leading to cardiovascular disease: A narrative review. <i>World Journal of Diabetes</i> , 2021, 12, 215-237.	1.3	34
44	Çocuk Endokrinoloji Bakışıyla Yeni Koronavirüs Hastalığına Etkisi. <i>Sileyman Demirel Üniversitesi Tıp Fakültesi Dergisi</i> , 2021, 28, 209-213.	0.0	1
45	Diabetes Mellitus and COVID-19: Associations and Possible Mechanisms. <i>International Journal of Endocrinology</i> , 2021, 2021, 1-10.	0.6	18
46	New-onset diabetes in COVID-19. <i>Journal of Diabetes</i> , 2021, 13, 693-694.	0.8	22
47	COVID-19 and celiac disease: A pathogenetic hypothesis for a celiac outbreak. <i>International Journal of Clinical Practice</i> , 2021, 75, e14452.	0.8	18
48	Covid-19 Pandemisinin Çocuk Yoğun Bakım Ünitesi Yatışları Üzerine Etkisi. <i>Ankara Eğitim Ve Araştırma Hastanesi Tıp Dergisi</i> , 0, , .	0.1	0
49	Severe acute respiratory syndrome coronavirus 2 as a potential cause of type 1 diabetes facilitated by spike protein receptor binding domain attachment to human islet cells: An illustrative case study and experimental data. <i>Diabetic Medicine</i> , 2021, 38, e14608.	1.2	9
50	Diabetes Mellitus and SARS-CoV-2 Infection: Pathophysiologic Mechanisms and Implications in Management. <i>Current Diabetes Reviews</i> , 2021, 17, e123120189797.	0.6	19
51	Evaluation of protocol amendments to the Environmental Determinants of Islet Autoimmunity (ENDIA) study during the COVID-19 pandemic. <i>Diabetic Medicine</i> , 2021, 38, e14638.	1.2	2
52	Viruses and Type 1 Diabetes: From Enteroviruses to the Virome. <i>Microorganisms</i> , 2021, 9, 1519.	1.6	23
53	Visceral Adipose Tissue: A New Target Organ in Virus-Induced Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2021, 12, 702506.	2.2	4
54	Pre-Existing Diabetes and COVID-Associated Hyperglycaemia in Patients with COVID-19 Pneumonia. <i>Biology</i> , 2021, 10, 754.	1.3	5
55	Diabetic ketoacidosis precipitated by atypical coronavirus disease in a newly diagnosed diabetic girl. <i>Journal of Taibah University Medical Sciences</i> , 2021, 16, 628-631.	0.5	4

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56	Identifying the lungs as a susceptible site for allele-specific regulatory changes associated with type 1 diabetes risk. <i>Communications Biology</i> , 2021, 4, 1072.	2.0	2
57	Type 1 diabetes triggered by covid-19 pandemic: A potential outbreak?. <i>Diabetes Research and Clinical Practice</i> , 2020, 164, 108219.	1.1	45
59	COVID-19 and Type 1 Diabetes: Concerns and Challenges. <i>Acta Biomedica</i> , 2020, 91, e2020033.	0.2	25
60	Interactions between diabetes and COVID-19: A narrative review. <i>World Journal of Diabetes</i> , 2021, 12, 1674-1692.	1.3	9
61	Virus Infection Is an Instigator of Intestinal Dysbiosis Leading to Type 1 Diabetes. <i>Frontiers in Immunology</i> , 2021, 12, 751337.	2.2	9
62	Type 1 diabetes: etiology and epidemiology. <i>Vnitřní Lekarství</i> , 2019, 65, 235-247.	0.1	0
63	Hyperglycemia and possible mechanisms of $\beta$ -cell damage in patients with COVID-19. <i>Diabetes Mellitus</i> , 2020, 23, 229-234.	0.5	6
64	Coronavirus disease 2019 and type 1 diabetes mellitus. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 35-42.	1.2	5
65	Does COVID-19 predispose patients to type 1 diabetes mellitus?. <i>Clinical Pediatric Endocrinology</i> , 2022, 31, 33-37.	0.4	17
66	Rat Models of Virus-Induced Type 1 Diabetes. <i>Methods in Molecular Biology</i> , 2020, 2128, 107-114.	0.4	2
67	Enteroviruses and Type 1 Diabetes: Multiple Mechanisms and Factors?. <i>Annual Review of Medicine</i> , 2022, 73, 483-499.	5.0	25
68	Incidence of Type 1 Diabetes in Children and Adolescents During the COVID-19 Pandemic in Germany: Results From the DPV Registry. <i>Diabetes Care</i> , 2022, 45, 1762-1771.	4.3	78
69	Pathogenic Mechanism of Autoimmune Diabetes Mellitus in Humans: Potential Role of Streptozotocin-Induced Selective Autoimmunity against Human Islet $\beta$ -Cells. <i>Cells</i> , 2022, 11, 492.	1.8	6
70	SARS-CoV-2 induced post-translational protein modifications: A trigger for developing autoimmune diabetes?. <i>Diabetes/Metabolism Research and Reviews</i> , 2022, 38, e3508.	1.7	17
72	Association Between Type 1 Diabetes Mellitus and Celiac Disease: Autoimmune Disorders With a Shared Genetic Background. <i>Cureus</i> , 2022, 14, e22912.	0.2	4
73	Interpretation of network-based integration from multi-omics longitudinal data. <i>Nucleic Acids Research</i> , 2022, 50, e27-e27.	6.5	28
74	Month of birth and the risk of developing type 1 diabetes among children in the Swedish national Better Diabetes Diagnosis Study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, 111, 2378-2383.	0.7	4
75	Effect of COVID-19 pandemic on presentation and referral patterns of newly diagnosed children with type 1 diabetes in a developing country. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2022, 35, 859-866.	0.4	8

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76	Association of long-term environmental exposures in pregnancy and early life with islet autoimmunity development in children in Bavaria, Germany. <i>Environmental Research</i> , 2022, 212, 113503.	3.7	1
77	Could Covid-19 Trigger Type 1 Diabetes? Presentation of Covid-19 Case Presented with Diabetic Ketoacidosis. <i>Acta Endocrinologica</i> , 2021, 17, 532-536.	0.1	4
78	Preclinical Autoimmune Disease: a Comparison of Rheumatoid Arthritis, Systemic Lupus Erythematosus, Multiple Sclerosis and Type 1 Diabetes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	27
79	Mechanisms of COVID-19 pathogenesis in diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H403-H420.	1.5	26
80	Type 1 diabetes incidence increased during the COVID-19 pandemic years 2020–2021 in Czechia: Results from a large population-based pediatric register. <i>Pediatric Diabetes</i> , 2022, 23, 956-960.	1.2	7
81	Epidemiology of Type 1 Diabetes. <i>Current Cardiology Reports</i> , 2022, 24, 1455-1465.	1.3	16
82	Association of SARS-CoV-2 Infection With New-Onset Type 1 Diabetes Among Pediatric Patients From 2020 to 2021. <i>JAMA Network Open</i> , 2022, 5, e2233014.	2.8	75
83	Infections in the first year of life and development of beta cell autoimmunity and clinical type 1 diabetes in high-risk individuals: the TRIGR cohort. <i>Diabetologia</i> , 2022, 65, 2098-2107.	2.9	4
84	Molecular Mimicry Analyses Unveiled the Human Herpes Simplex and Poxvirus Epitopes as Possible Candidates to Incite Autoimmunity. <i>Pathogens</i> , 2022, 11, 1362.	1.2	5
85	New diagnoses of type 1 diabetes mellitus in children during the COVID-19 pandemic Regional multicentre study in Spain. <i>Endocrinología y Nutrición (English Ed)</i> , 2022, , .	0.1	1
86	Type 1 diabetes incidence in children and adolescents during the COVID-19 pandemic in Germany. <i>Diabetes Research and Clinical Practice</i> , 2022, 193, 110146.	1.1	11
87	The role of pathogens in diabetes pathogenesis and the potential of immunoproteomics as a diagnostic and prognostic tool. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
88	Pediatric endocrinopathies related to COVID-19: an update. <i>World Journal of Pediatrics</i> , 0, , .	0.8	3
89	Multi-omic interactions in the gut of children at the onset of islet autoimmunity. <i>Microbiome</i> , 2022, 10, .	4.9	5
90	Autoimmune disorders with special reference to Coronavirus Disease-2019. <i>Journal of Datta Meghe Institute of Medical Sciences University</i> , 2022, 17, 792.	0.0	0
91	Incidence of new-onset type 1 diabetes during Covid-19 pandemic: A French nationwide population-based study. <i>Diabetes and Metabolism</i> , 2023, 49, 101425.	1.4	2
92	A practical approach to the diagnosis of type 1 diabetes: An Indian perspective. , 2023, .		0
93	COVID-19 as a Trigger for Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2023, 108, 2176-2183.	1.8	8

#	ARTICLE	IF	CITATIONS
94	COVID-19 Related Predisposition to Diabetic Ketoacidosis. Cureus, 2023, , .	0.2	0
102	The countdown to type 1 diabetes: when, how and why does the clock start?. Diabetologia, 2023, 66, 1169-1178.	2.9	4
107	Diabetes Mellitus: Classification and Diagnosis. , 2023, , 3-12.		0