

# CD55 Deficiency, Early-Onset Protein-Losing Enteropathy

New England Journal of Medicine

377, 52-61

DOI: [10.1056/nejmoa1615887](https://doi.org/10.1056/nejmoa1615887)

Citation Report

#	ARTICLE	IF	CITATIONS
1	CD55 Deficiency and Protein-Losing Enteropathy. <i>New England Journal of Medicine</i> , 2017, 377, 1499-1500.	13.9	12
2	Air Pollution and Mortality in the Medicare Population. <i>New England Journal of Medicine</i> , 2017, 377, 1497-1499.	13.9	30
3	Primary intestinal lymphangiectasia in an elderly female patient. <i>Medicine (United States)</i> , 2017, 96, e7729.	0.4	9
4	Loss of CD55 in Eculizumab-Responsive Protein-Losing Enteropathy. <i>New England Journal of Medicine</i> , 2017, 377, 87-89.	13.9	41
5	The role of complement inhibition in kidney transplantation. <i>British Medical Bulletin</i> , 2017, 124, 1-13.	2.7	9
6	Update September 2017. <i>Lymphatic Research and Biology</i> , 2017, 15, 297-313.	0.5	0
7	The intestinal complement system in inflammatory bowel disease: Shaping intestinal barrier function. <i>Seminars in Immunology</i> , 2018, 37, 66-73.	2.7	93
8	Advances in Evaluation of Chronic Diarrhea in Infants. <i>Gastroenterology</i> , 2018, 154, 2045-2059.e6.	0.6	129
9	Congenital Defects in the Expression of the Glycosylphosphatidylinositol-Anchored Complement Regulatory Proteins CD59 and Decay-Accelerating Factor. <i>Seminars in Hematology</i> , 2018, 55, 136-140.	1.8	16
10	Intestinal Failure and Aberrant Lipid Metabolism in Patients With $\Delta$ GAT1 Deficiency. <i>Gastroenterology</i> , 2018, 155, 130-143.e15.	0.6	83
11	Mutations in an Innate Immunity Pathway Are Associated with Poor Overall Survival Outcomes and Hypoxic Signaling in Cancer. <i>Cell Reports</i> , 2018, 25, 3721-3732.e6.	2.9	22
12	Plasma membrane profiling during enterohemorrhagic <i>E. coli</i> infection reveals that the metalloprotease StcE cleaves CD55 from host epithelial surfaces. <i>Journal of Biological Chemistry</i> , 2018, 293, 17188-17199.	1.6	7
13	Advances and highlights in primary immunodeficiencies in 2017. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1041-1051.	1.5	7
14	New primary immunodeficiency diseases: context and future. <i>Current Opinion in Pediatrics</i> , 2018, 30, 806-820.	1.0	14
15	Responses of the Differentiated Intestinal Epithelial Cell Line Caco-2 to Infection With the <i>Giardia intestinalis</i> GS Isolate. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 244.	1.8	34
16	Beyond the Role of CD55 as a Complement Component. <i>Immune Network</i> , 2018, 18, e11.	1.6	59
17	Mutations affecting the actin regulator WD repeat-containing protein 1 lead to aberrant lymphoid immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1589-1604.e11.	1.5	64
18	Establishing the role of PLVAP in protein-losing enteropathy: a homozygous missense variant leads to an attenuated phenotype. <i>Journal of Medical Genetics</i> , 2018, 55, 779-784.	1.5	14

#	ARTICLE	IF	CITATIONS
19	Timing and mechanism of conceptus demise in a complement regulatory membrane protein deficient mouse. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12997.	1.2	4
20	Molecular Classification of Primary Immunodeficiencies of T Lymphocytes. <i>Advances in Immunology</i> , 2018, 138, 99-193.	1.1	9
21	Common and rare genetic variants of complement components in human disease. <i>Molecular Immunology</i> , 2018, 102, 42-57.	1.0	18
22	Gastrointestinal Manifestations in Children with Primary Immunodeficiencies: Single Center: 12 Years Experience. <i>Digestive Diseases</i> , 2019, 37, 45-52.	0.8	12
23	A Spectrum of Clinical Findings from ALPS to CVID: Several Novel LRBA Defects. <i>Journal of Clinical Immunology</i> , 2019, 39, 726-738.	2.0	45
24	Complement deficiencies and dysregulation: Pathophysiological consequences, modern analysis, and clinical management. <i>Molecular Immunology</i> , 2019, 114, 299-311.	1.0	59
25	Primary intestinal lymphangiectasia in a 23-month- old girl. <i>Oxford Medical Case Reports</i> , 2019, 2019, omz065.	0.2	2
26	Atypical hemolytic uremic syndrome in a patient with protein-losing enteropathy. <i>Journal of International Medical Research</i> , 2019, 47, 4027-4032.	0.4	6
27	Rare mutations in the complement regulatory gene CSMD1 are associated with male and female infertility. <i>Nature Communications</i> , 2019, 10, 4626.	5.8	24
28	Combining MAPâ€1:CD35 or MAPâ€1:CD55 fusion proteins with patternâ€recognition molecules as novel targeted modulators of the complement cascade. <i>FASEB Journal</i> , 2019, 33, 12723-12734.	0.2	4
29	CD55 Is Essential for CD103+ Dendritic Cell Tolerogenic Responses that Protect against Autoimmunity. <i>American Journal of Pathology</i> , 2019, 189, 1386-1401.	1.9	11
30	New insights into the immune functions of complement. <i>Nature Reviews Immunology</i> , 2019, 19, 503-516.	10.6	281
31	Phenotype and Genotype of a Cohort of Chinese Children with Early-Onset Protein-Losing Enteropathy. <i>Journal of Pediatrics</i> , 2019, 208, 38-42.e3.	0.9	9
32	Eculizumab Is Safe and Effective as a Longâ€term Treatment for Proteinâ€Losing Enteropathy Due to CD55 Deficiency. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, 325-333.	0.9	19
33	Lessons learned from the study of human inborn errors of innate immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 507-527.	1.5	46
34	Earlyâ€onset inflammatory bowel disease as a model disease to identify key regulators of immune homeostasis mechanisms. <i>Immunological Reviews</i> , 2019, 287, 162-185.	2.8	60
35	CHAPLE syndrome uncovers the primary role of complement in a familial form of Waldmann's disease. <i>Immunological Reviews</i> , 2019, 287, 20-32.	2.8	18
36	Lymphocyte integration of complement cues. <i>Seminars in Cell and Developmental Biology</i> , 2019, 85, 132-142.	2.3	3

#	ARTICLE	IF	CITATIONS
37	Very Early Onset Inflammatory Bowel Disease: A Clinical Approach With a Focus on the Role of Genetics and Underlying Immune Deficiencies. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 820-842.	0.9	100
38	Enhanced Collagen Deposition in the Duodenum of Patients with Hyaline Fibromatosis Syndrome and Protein Losing Enteropathy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8200.	1.8	3
39	CD70 Deficiency Associated With Chronic Epstein-Barr Virus Infection, Recurrent Airway Infections and Severe Gingivitis in a 24-Year-Old Woman. <i>Frontiers in Immunology</i> , 2020, 11, 1593.	2.2	3
40	Loss of decay-accelerating factor triggers podocyte injury and glomerulosclerosis. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	40
42	Targeting FcRn for immunomodulation: Benefits, risks, and practical considerations. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 479-491.e5.	1.5	52
43	High-Performance Dual Combination Therapy for Cancer Treatment with Hybrid Membrane-Camouflaged Mesoporous Silica Gold Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57732-57745.	4.0	31
44	Treatment of Rare Inflammatory Kidney Diseases: Drugs Targeting the Terminal Complement Pathway. <i>Frontiers in Immunology</i> , 2020, 11, 599417.	2.2	31
45	The cytoskeletal regulator HEM1 governs B cell development and prevents autoimmunity. <i>Science Immunology</i> , 2020, 5, .	5.6	37
46	Complement deficiencies. , 2020, , 919-947.		1
47	European Society for Immunodeficiencies (ESID) and European Reference Network on Rare Primary Immunodeficiency, Autoinflammatory and Autoimmune Diseases (ERN RITA) Complement Guideline: Deficiencies, Diagnosis, and Management. <i>Journal of Clinical Immunology</i> , 2020, 40, 576-591.	2.0	43
48	A transcriptome-wide association study based on 27 tissues identifies 106 genes potentially relevant for disease pathology in age-related macular degeneration. <i>Scientific Reports</i> , 2020, 10, 1584.	1.6	39
49	AP1S1 missense mutations cause a congenital enteropathy via an epithelial barrier defect. <i>Human Genetics</i> , 2020, 139, 1247-1259.	1.8	24
50	Germline biallelic PIK3CG mutations in a multifaceted immunodeficiency with immune dysregulation. <i>Haematologica</i> , 2020, 105, e488.	1.7	17
51	A prediction model of enteral nutrition complicated with severe diarrhea in ICU patients based on CD55. <i>Annals of Palliative Medicine</i> , 2021, 10, 1610-1619.	0.5	4
52	Eculizumab-Responsive Adult Onset Protein Losing Enteropathy, Caused by Germline CD55-Deficiency and Complicated by Aggressive Angiosarcoma. <i>Journal of Clinical Immunology</i> , 2021, 41, 477-481.	2.0	6
53	The diagnostic value of capsule endoscopy in children with intestinal lymphangiectasia. <i>Revista Española De Enfermedades Digestivas</i> , 2021, 113, 765-769.	0.1	2
54	Complement inhibitor for therapy of CHAPLE. <i>Nature Immunology</i> , 2021, 22, 106-108.	7.0	3
55	Proteomic Profiling of Gastric Signet Ring Cell Carcinoma Tissues Reveals Characteristic Changes of the Complement Cascade Pathway. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100068.	2.5	4

#	ARTICLE	IF	CITATIONS
56	Diseases Associated With GPI Anchors. , 2021, , 346-363.		0
57	Regulation of Decay Accelerating Factor Primes Human Germinal Center B Cells for Phagocytosis. <i>Frontiers in Immunology</i> , 2020, 11, 599647.	2.2	8
58	Maldigestion and Malabsorption. , 2021, , 321-338.e5.		0
59	Protein-Losing Enteropathy. , 2021, , 350-355.e2.		1
61	Gain-of-function variants in SYK cause immune dysregulation and systemic inflammation in humans and mice. <i>Nature Genetics</i> , 2021, 53, 500-510.	9.4	56
62	Therapeutic Targeting of the Complement System: From Rare Diseases to Pandemics. <i>Pharmacological Reviews</i> , 2021, 73, 792-827.	7.1	97
63	Flow Cytometric Approach in the Diagnosis of Primary Immunodeficiencies. , 0, , .		0
64	Inflammatory Bowel Disease and Guillain Barre Syndrome in FCHO1 Deficiency. <i>Journal of Clinical Immunology</i> , 2021, 41, 1406-1410.	2.0	1
65	Complement testing in the clinical laboratory. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 447-478.	2.7	4
66	ANCA-associated vasculitis with protein-losing enteropathy is characterized by hypocomplementemia. <i>Rheumatology International</i> , 2021, , 1.	1.5	0
67	Complement Decay-Accelerating Factor is a modulator of influenza A virus lung immunopathology. <i>PLoS Pathogens</i> , 2021, 17, e1009381.	2.1	3
68	Complement and the prothrombotic state. <i>Blood</i> , 2022, 139, 1954-1972.	0.6	15
69	Profiling Human CD55 Transgene Performance Assist in Selecting Best Suited Specimens and Tissues for Swine Organ Xenotransplantation. <i>Biology</i> , 2021, 10, 747.	1.3	1
70	The Cromer blood group system: an update. <i>Immunohematology</i> , 2021, 37, 118-121.	0.2	2
71	Expanding the known phenotype of Mullegamaâ€“Kleinâ€“Martinez syndrome in male patients. <i>Human Genome Variation</i> , 2021, 8, 37.	0.4	4
72	Broadly effective metabolic and immune recovery with C5 inhibition in CHAPLE disease. <i>Nature Immunology</i> , 2021, 22, 128-139.	7.0	23
73	C1 Esterase Inhibition: Targeting Multiple Systems in COVID-19. <i>Journal of Clinical Immunology</i> , 2021, 41, 729-732.	2.0	12
74	Generation of a novel decay accelerating factor (DAF) knock-out rat model using clustered regularly-interspaced short palindromic repeats, (CRISPR)/associated protein 9 (Cas9), genome editing. <i>Transgenic Research</i> , 2021, 30, 11-21.	1.3	3

#	ARTICLE	IF	CITATIONS
75	Complement and SLE. , 2021, , 133-167.		2
76	Therapeutic Lessons to be Learned From the Role of Complement Regulators as Double-Edged Sword in Health and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 578069.	2.2	6
77	Rare Disease Diagnostics: A Single-center Experience and Lessons Learnt. <i>Rambam Maimonides Medical Journal</i> , 2018, 9, e0018.	0.4	4
78	Tipping the balance: intricate roles of the complement system in disease and therapy. <i>Seminars in Immunopathology</i> , 2021, 43, 757-771.	2.8	59
79	Chronic Diarrhea, Recurrent Edema and Respiratory Infections. , 2019, , 665-670.		0
80	Current Approach to Primary Immunodeficiency Diseases. <i>Southern Clinics of Istanbul Eurasia</i> , 0, , .	0.2	0
81	Excruciating Headache in a Case of Malabsorption Syndrome. <i>Bengal Physician Journal</i> , 2019, 6, 31-32.	0.1	0
82	EiweiÃverlierende Enteropathie bei Kindern und Jugendlichen. <i>Springer Reference Medizin</i> , 2019, , 1-3.	0.0	0
87	Network analysis reveals rare disease signatures across multiple levels of biological organization. <i>Nature Communications</i> , 2021, 12, 6306.	5.8	36
88	Immuneâmediated inflammatory diseases of the gastrointestinal tract: Beyond Crohn's disease and ulcerative colitis. <i>JGH Open</i> , 2022, 6, 100-111.	0.7	8
89	Novel Genetic Discoveries in Primary Immunodeficiency Disorders. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 63, 55-74.	2.9	7
90	Novel <i>CD55</i> Mutation Associated With Severe Small Bowel Ulceration Mimicking Inflammatory Bowel Disease in a Pair of Siblings. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1458-1461.	0.9	4
91	Chemoâand mechanosensing by dendritic cells facilitate antigen surveillance in the spleen*. <i>Immunological Reviews</i> , 2022, 306, 25-42.	2.8	12
92	Practical guidance for the diagnosis and management of secondary hypogammaglobulinemia: AÃWork Group Report of the AAAAI Primary Immunodeficiency and Altered Immune Response Committees. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1525-1560.	1.5	53
93	Epithelial Abnormalities in the Small Intestine of Zambian Children With Stunting. <i>Frontiers in Medicine</i> , 2022, 9, 849677.	1.2	6
94	CD55-deficiency in Jews of Bukharan descent is caused by the Cromer blood type Dr(aÃ) variant. <i>Human Genetics</i> , 2023, 142, 683-690.	1.8	3
95	Management of Inborn Errors of Immunity in the Genomic Era. , 2022, 57, 132-145.		1
96	Menetrierâs disease exacerbating ulcerative colitis and relieved by gastrectomy. <i>BMJ Open Gastroenterology</i> , 2021, 8, e000806.	1.1	1

#	ARTICLE	IF	CITATIONS
107	Mechanism of dexmedetomidine preconditioning on spinal cord analgesia in rats with functional chronic visceral pain. <i>Acta Cirurgica Brasileira</i> , 2022, 37, e370203.	0.3	2
108	Endothelial-specific loss of KrÄppel-Like Factor 4 triggers complement-mediated endothelial injury. <i>Kidney International</i> , 2022, 102, 58-77.	2.6	5
109	Congenital Rare Diseases Causing Persistent Diarrhea in the Newborn: A Single Center Experience. <i>Zeitschrift Fur Geburtshilfe Und Neonatologie</i> , 2022, , .	0.2	0
110	A desirable transgenic strategy using GGTA1 endogenous promoter-mediated knock-in for xenotransplantation model. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
111	Monogenic inflammatory bowel disease-genetic variants, functional mechanisms and personalised medicine in clinical practice. <i>Human Genetics</i> , 2023, 142, 599-611.	1.8	2
112	Inherited Complement Deficiencies. , 2023, , 303-319.		1
113	Genetic variability shapes the alternative pathway complement activity and predisposition to complement-related diseases. <i>Immunological Reviews</i> , 2023, 313, 71-90.	2.8	15
114	CD55 Facilitates Immune Evasion by <i>Borrelia crocidurae</i> , an Agent of Relapsing Fever. <i>MBio</i> , 2022, 13, .	1.8	2
115	CD55 in cancer: Complementing functions in a non-canonical manner. <i>Cancer Letters</i> , 2022, 551, 215935.	3.2	7
116	Complement C1s as a diagnostic marker and therapeutic target: Progress and propective. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	12
117	Lymphopenia: a clue to diagnose primary intestinal lymphangiectasia. <i>International Journal of Contemporary Pediatrics</i> , 2022, 9, 1100.	0.0	0
118	<sc>Anti-FC</sc> antibodies in a patient with <sc>CHAPLE</sc> syndrome: Implications for blood management. <i>British Journal of Haematology</i> , 0, , .	1.2	0
119	A Rare PTPN11 Mutation in a Patient with Juvenile Myelomonocytic Leukemia: A Case Report. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2022, 19, 112-117.	0.2	0
120	Novel PGM3 mutation in two siblings with combined immunodeficiency and childhood bullous pemphigoid: a case report and review of the literature. <i>Allergy, Asthma and Clinical Immunology</i> , 2022, 18, .	0.9	2
121	Beyond IBD: the genetics of other early-onset diarrhoeal disorders. <i>Human Genetics</i> , 0, , .	1.8	1
136	Protection of Cellular Antigens from Xenoreactive Responses as Overcoming Strategies. , 2024, , 189-218.		0