

# Human IFNAR2 deficiency: Lessons for antiviral immun

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Viral Inhibition of the IFN-Induced JAK/STAT Signalling Pathway: Development of Live Attenuated Vaccines by Mutation of Viral-Encoded IFN-Antagonists. <i>Vaccines</i> , 2016, 4, 23.	2.1	107
2	STAT2 Is a Pervasive Cytokine Regulator due to Its Inhibition of STAT1 in Multiple Signaling Pathways. <i>PLoS Biology</i> , 2016, 14, e2000117.	2.6	55
3	Type I Interferons in Newbornsâ€™ Neurotoxicity versus Antiviral Defense. <i>MBio</i> , 2016, 7, .	1.8	3
4	Measles mumps and rubella virus vaccine. <i>Reactions Weekly</i> , 2016, 1585, 172-172.	0.0	0
5	Tyrosine kinase 2 is not limiting human antiviral type III interferon responses. <i>European Journal of Immunology</i> , 2016, 46, 2639-2649.	1.6	56
6	Vaccination in Primary Immunodeficiency Disorders. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016, 4, 1066-1075.	2.0	85
7	Resolving <i>TYK2</i> locus genotype-to-phenotype differences in autoimmunity. <i>Science Translational Medicine</i> , 2016, 8, 363ra149.	5.8	186
8	Host genetics of severe influenza: from mouse Mx1 to human IRF7. <i>Current Opinion in Immunology</i> , 2016, 38, 109-120.	2.4	115
9	Type I interferon signaling in systemic immune cells from patients with alcoholic cirrhosis and its association with outcome. <i>Journal of Hepatology</i> , 2017, 66, 930-941.	1.8	26
10	Clinical and biological insights from viral genome sequencing. <i>Nature Reviews Microbiology</i> , 2017, 15, 183-192.	13.6	254
11	Type I interferon-regulated gene expression and signaling in murine mixed glial cells lacking signal transducers and activators of transcription 1 or 2 or interferon regulatory factor 9. <i>Journal of Biological Chemistry</i> , 2017, 292, 5845-5859.	1.6	23
12	Within host RNA virus persistence: mechanisms and consequences. <i>Current Opinion in Virology</i> , 2017, 23, 35-42.	2.6	79
14	Emerging Infections and Pertinent Infections Related to Travel for Patients with Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , 2017, 37, 650-692.	2.0	6
15	Deep sequencing reveals persistence of cell-associated mumps vaccine virus in chronic encephalitis. <i>Acta Neuropathologica</i> , 2017, 133, 139-147.	3.9	41
16	Encephalitis diagnosis using metagenomics: application of next generation sequencing for undiagnosed cases. <i>Journal of Infection</i> , 2018, 76, 225-240.	1.7	196
17	A systematic approach to the development of a safe live attenuated Zika vaccine. <i>Nature Communications</i> , 2018, 9, 1031.	5.8	35
18	Early-onset autoimmune disease due to a heterozygous loss-of-function mutation in <i>TNFAIP3</i> (A20). <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 783-786.	0.5	65
19	Post-exposure prophylaxis for measles with immunoglobulins revised recommendations of the standing committee on vaccination in Germany. <i>Vaccine</i> , 2018, 36, 7916-7922.	1.7	16

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20	The Goldilocks Zone of Type I IFNs: Lessons from Human Genetics. <i>Journal of Immunology</i> , 2018, 201, 3479-3485.	0.4	26
21	New primary immunodeficiency diseases: context and future. <i>Current Opinion in Pediatrics</i> , 2018, 30, 806-820.	1.0	14
22	RNA Polymerase III as a Gatekeeper to Prevent Severe VZV Infections. <i>Trends in Molecular Medicine</i> , 2018, 24, 904-915.	3.5	35
23	Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. <i>Journal of Experimental Medicine</i> , 2018, 215, 2567-2585.	4.2	146
24	Measles Vaccine Virus RNA in Children More Than 100 Days after Vaccination. <i>Viruses</i> , 2019, 11, 636.	1.5	3
25	Inherited IFNAR1 deficiency in otherwise healthy patients with adverse reaction to measles and yellow fever live vaccines. <i>Journal of Experimental Medicine</i> , 2019, 216, 2057-2070.	4.2	127
26	Severe influenza pneumonitis in children with inherited TLR3 deficiency. <i>Journal of Experimental Medicine</i> , 2019, 216, 2038-2056.	4.2	134
27	Life-Threatening Infections Due to Live-Attenuated Vaccines: Early Manifestations of Inborn Errors of Immunity. <i>Journal of Clinical Immunology</i> , 2019, 39, 376-390.	2.0	50
28	Increasing Upstream Chromatin Long-Range Interactions May Favor Induction of Circular RNAs in LysoPC-Activated Human Aortic Endothelial Cells. <i>Frontiers in Physiology</i> , 2019, 10, 433.	1.3	30
29	Human inborn errors of immunity to infection affecting cells other than leukocytes: from the immune system to the whole organism. <i>Current Opinion in Immunology</i> , 2019, 59, 88-100.	2.4	44
30	Shared and Distinct Functions of Type I and Type III Interferons. <i>Immunity</i> , 2019, 50, 907-923.	6.6	699
31	Impaired control of multiple viral infections in a family with complete IRF9 deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 309-312.e10.	1.5	55
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39	Regulation of interferon stimulated gene expression levels at homeostasis. <i>Cytokine</i> , 2020, 126, 154870.	1.4	3
40	A Novel Case of Homozygous Interferon Alpha/Beta Receptor Alpha Chain (IFNAR1) Deficiency With Hemophagocytic Lymphohistiocytosis. <i>Clinical Infectious Diseases</i> , 2022, 74, 136-139.	2.9	24
41	Vaccinomics and Adversomics in the Era of Precision Medicine: A Review Based on HBV, MMR, HPV, and COVID-19 Vaccines. <i>Journal of Clinical Medicine</i> , 2020, 9, 3561.	1.0	19
42	STROBE-metagenomics: a STROBE extension statement to guide the reporting of metagenomics studies. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e251-e260.	4.6	40
43	IFNAR2 Deficiency Causing Dysregulation of NK Cell Functions and Presenting With Hemophagocytic Lymphohistiocytosis. <i>Frontiers in Genetics</i> , 2020, 11, 937.	1.1	25
44	Early type I IFN blockade improves the efficacy of viral vaccines. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	38
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50	Future perspective: high-throughput construction of new ultrasensitive cytokine and virion liquid chips for high-throughput screening (HTS) of anti-inflammatory drugs or clinical diagnosis and treatment of inflammatory diseases. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7685-7699.	1.9	4
51	Unexplored roles of type I interferon in antiviral immunity and regulation of inflammation revealed by studying patients with inborn errors of immunity. <i>Clinical Infectious Diseases</i> , 2020, , .	2.9	0
52	Global perspectives on primary immune deficiency diseases. , 2020, , 1129-1142.		0
53	Deciphering the Role of Host Genetics in Susceptibility to Severe COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1606.	2.2	43
54	Primary Immunodeficiencies With Defects in Innate Immunity: Focus on Orofacial Manifestations. <i>Frontiers in Immunology</i> , 2020, 11, 1065.	2.2	14
55	Integrative analysis highlighted susceptibility genes for rheumatoid arthritis. <i>International Immunopharmacology</i> , 2020, 86, 106716.	1.7	8

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77	Genetic and epigenetic factors associated with increased severity of Covid-19. <i>Cell Biology International</i> , 2021, 45, 1158-1174.	1.4	52
78	Janus kinase signaling as risk factor and therapeutic target for severe SARS-CoV-2 infection. <i>European Journal of Immunology</i> , 2021, 51, 1071-1075.	1.6	31
79	Genetics of Pediatric Immune-Mediated Diseases and Human Immunity. <i>Annual Review of Immunology</i> , 2021, 39, 227-249.	9.5	9
80	Common variants at 21q22.3 locus influence MX1 and TMPRSS2 gene expression and susceptibility to severe COVID-19. <i>IScience</i> , 2021, 24, 102322.	1.9	60
81	Viral infections in humans and mice with genetic deficiencies of the type I IFN response pathway. <i>European Journal of Immunology</i> , 2021, 51, 1039-1061.	1.6	56
82	Preexisting autoantibodies to type I IFNs underlie critical COVID-19 pneumonia in patients with APS-1. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	185
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87	Insufficient type I IFN immunity underlies life-threatening COVID-19 pneumonia. <i>Comptes Rendus - Biologies</i> , 2021, 344, 19-25.	0.1	16
88	Measles Sclerosing Subacute PanEncephalitis (SSPE), an intriguing and ever-present disease: Data, assumptions and new perspectives. <i>Revue Neurologique</i> , 2021, 177, 1059-1068.	0.6	8
89	Genetic, Immunological, and Clinical Features of 32 Patients with Autosomal Recessive STAT1 Deficiency. <i>Journal of Immunology</i> , 2021, 207, 133-152.	0.4	33
90	Hypotheses and facts for genetic factors related to severe COVID-19. <i>World Journal of Virology</i> , 2021, 10, 137-155.	1.3	12
91	Type I interferon receptor-independent interferon- $\lambda$ induction upon infection with a variety of negative-strand RNA viruses. <i>Journal of General Virology</i> , 2021, 102, .	1.3	2

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98	Abnormalities of the type I interferon signaling pathway in lupus autoimmunity. <i>Cytokine</i> , 2021, 146, 155633.	1.4	24
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103	MicroRNA-30c targets the interferonâ€ˆalpha/beta receptor beta chain to promote type 2 PRRSV infection. <i>Journal of General Virology</i> , 2018, 99, 1671-1680.	1.3	19
109	A digenic human immunodeficiency characterized by IFNAR1 and IFNGR2 mutations. <i>Journal of Clinical Investigation</i> , 2017, 127, 4415-4420.	3.9	53
110	Dominant-negative IKZF1 mutations cause a T, B, and myeloid cell combined immunodeficiency. <i>Journal of Clinical Investigation</i> , 2018, 128, 3071-3087.	3.9	133
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115	Interferon-Driven Immune Dysregulation in Down Syndrome: A Review of the Evidence. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5187-5200.	1.6	15
116	Type I Interferons. , 2017, , 1-7.		0
117	Type I Interferons. , 2018, , 5787-5794.		0
119	Human inborn errors of immunity caused by defects of receptor and proteins of cellular membrane. <i>Minerva Pediatrica</i> , 2020, 72, 393-407.	2.6	0
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123	Novel Genetic Discoveries in Primary Immunodeficiency Disorders. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 63, 55-74.	2.9	7
124	Neuroinflammation Associated With Inborn Errors of Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 827815.	2.2	14
125	RegEnrich gene regulator enrichment analysis reveals a key role of the ETS transcription factor family in interferon signaling. <i>Communications Biology</i> , 2022, 5, 31.	2.0	7
126	Inherited IFNAR1 Deficiency in a Child with Both Critical COVID-19 Pneumonia and Multisystem Inflammatory Syndrome. <i>Journal of Clinical Immunology</i> , 2022, 42, 471-483.	2.0	44
127	Genetic susceptibility to viral disease in humans. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1411-1416.	2.8	6
128	Autoantibodies in immunodeficiency syndromes: The Janus faces of immune dysregulation. <i>Blood Reviews</i> , 2022, , 100948.	2.8	0
130	Human autoantibodies underlying infectious diseases. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	55
132	Severe COVID-19 represents an undiagnosed primary immunodeficiency in a high proportion of infected individuals. <i>Clinical and Translational Immunology</i> , 2022, 11, e1365.	1.7	7
133	Life-threatening viral disease in a novel form of autosomal recessive <i>IFNAR2</i> deficiency in the Arctic. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	33
134	The Pathogenesis of Giant Condyloma Acuminatum (Buschke-Lowenstein Tumor): An Overview. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4547.	1.8	10
136	A loss-of-function <i>IFNAR1</i> allele in Polynesia underlies severe viral diseases in homozygotes. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	28
141	Null <i>IFNAR1</i> and <i>IFNAR2</i> alleles are surprisingly common in the Pacific and Arctic. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	7



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143	Individual genetic variability mainly of Proinflammatory cytokines, cytokine receptors, and toll-like receptors dictates pathophysiology of COVID-19 disease. <i>Journal of Medical Virology</i> , 2022, 94, 4088-4096.	2.5	15
145	Anti-type I interferon antibodies as a cause of severe COVID-19. , 0, 11, .		2
146	Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	21
147	Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	59
148	Anti-cytokine autoantibodies and inborn errors of immunity. <i>Journal of Immunological Methods</i> , 2022, 508, 113313.	0.6	1
149	Post-vaccination Drug-resistant Epileptic Spasms Associated with Homozygous IFNAR2 Pathogenic Variant: Case Report. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, , .	0.9	1
150	IFNAR2 relevance in the clinical outcome of individuals with severe COVID-19. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
151	Refractory status epilepticus with fever due to mumps vaccine-induced encephalitis caused secondary encephalopathy mimicking acute encephalopathy with biphasic seizures and late reduced diffusion. <i>Brain and Development</i> , 2022, 44, 737-742.	0.6	1
153	Autoantibodies against type I IFNs in patients with critical influenza pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	36
154	Synthetic mimetics assigned a major role to IFNAR2 in type I interferon signaling. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
155	Ultra-Rare BRD9 Loss-of-Function Variants Limit the Antiviral Action of Interferon. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
156	Partial human Janus kinase 1 deficiency predominantly impairs responses to interferon gamma and intracellular control of mycobacteria. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
157	Transcriptome-wide summary data-based Mendelian randomization analysis reveals 38 novel genes associated with severe COVID-19. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	15
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159	Gestational Development of the Human Immune System. <i>Immunology and Allergy Clinics of North America</i> , 2022, , .	0.7	0
160	Interferon-Î±/Î² Receptor-2 Deficiency Leading to Multiple Infections, Hemophagocytic Lymphohistiocytosis, and Fatal Encephalopathy after MMR Vaccination. <i>Indian Journal of Pediatrics</i> , 2022, 89, 1267-1267.	0.3	2
161	Excessive negative regulation of type I interferon disrupts viral control in individuals with Down syndrome. <i>Immunity</i> , 2022, 55, 2074-2084.e5.	6.6	15

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162	Type I interferon receptor (IFNAR2) deficiency reveals Zika virus cytopathicity in human macrophages and microglia. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
163	Infectious Complications of Cell-Mediated Immunity Other Than AIDS. , 2023, , 656-665.e2.		0
164	Immunologic Development and Susceptibility to Infection. , 2023, , 87-95.e2.		0
165	Whole genome DNA and RNA sequencing of whole blood elucidates the genetic architecture of gene expression underlying a wide range of diseases. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
166	Immune phenotypes that are associated with subsequent COVID-19 severity inferred from post-recovery samples. <i>Nature Communications</i> , 2022, 13, .	5.8	12
167	Measles Virus-Induced Host Immunity and Mechanisms of Viral Evasion. <i>Viruses</i> , 2022, 14, 2641.	1.5	4
168	Reconciling Mouse and Human Immunology at the Altar of Genetics. <i>Annual Review of Immunology</i> , 2023, 41, 39-71.	9.5	10
169	Interferon- $\beta$ -Induced RARRES3 Upregulation Inhibits Hypertrophic Scar Fibroblasts' Proliferation and Migration Through Wnt/ $\beta$ -Catenin Pathway Suppression. <i>Journal of Interferon and Cytokine Research</i> , 2023, 43, 23-34.	0.5	1
170	Genetic Variants and Protective Immunity against SARS-CoV-2. <i>Genes</i> , 2022, 13, 2355.	1.0	1
172	Unlocking life-threatening COVID-19 through two types of inborn errors of type I IFNs. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	14
173	Human IRF1 governs macrophagic IFN- $\beta$ immunity to mycobacteria. <i>Cell</i> , 2023, 186, 621-645.e33.	13.5	25
174	Coordinated local RNA overexpression of complement induced by interferon gamma in myositis. <i>Scientific Reports</i> , 2023, 13, .	1.6	0
175	Inborn Errors of Immunity Predisposing to Herpes Simplex Virus Infections of the Central Nervous System. <i>Pathogens</i> , 2023, 12, 310.	1.2	1
176	Inherited and acquired errors of type I interferon immunity govern susceptibility to COVID-19 and multisystem inflammatory syndrome in children. <i>Journal of Allergy and Clinical Immunology</i> , 2023, 151, 832-840.	1.5	7
177	Human genetic and immunological determinants of SARS-CoV-2 and Epstein-Barr virus diseases in childhood: Insightful contrasts. <i>Journal of Internal Medicine</i> , 2023, 294, 127-144.	2.7	0
178	Human inherited complete STAT2 deficiency underlies inflammatory viral diseases. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	7