

Virus-Induced Decline in Soluble Vascular Endothelial C with Plasma Leakage in Dengue Hemorrhagic Fever

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of vascular endothelial growth factor leading to vascular leakage in children with dengue virus infection. <i>Annals of Tropical Paediatrics</i> , 2007, 27, 179-184.	1.0	30
2	Endothelial activation and dysregulation: A common pathway to organ injury in infectious diseases associated with systemic inflammation. <i>Drug Discovery Today Disease Mechanisms</i> , 2007, 4, 215-222.	0.8	4
3	Host Defenses to <i>Rickettsia rickettsii</i> Infection Contribute to Increased Microvascular Permeability in Human Cerebral Endothelial Cells. <i>Journal of Clinical Immunology</i> , 2008, 28, 174-185.	3.8	60
4	Systems Biology of Vascular Endothelial Growth Factors. <i>Microcirculation</i> , 2008, 15, 715-738.	1.8	141
5	Understanding the contribution of cellular immunity to dengue disease pathogenesis. <i>Immunological Reviews</i> , 2008, 225, 300-313.	6.0	198
6	Vascular endothelium: the battlefield of dengue viruses. <i>FEMS Immunology and Medical Microbiology</i> , 2008, 53, 287-299.	2.7	166
7	Hantaviruses Direct Endothelial Cell Permeability by Sensitizing Cells to the Vascular Permeability Factor VEGF, while Angiopoietin 1 and Sphingosine 1-Phosphate Inhibit Hantavirus-Directed Permeability. <i>Journal of Virology</i> , 2008, 82, 5797-5806.	3.4	134
8	Apoptosis, vascular leakage and increased risk of severe dengue in a type 2 diabetes mellitus patient. <i>Diabetes and Vascular Disease Research</i> , 2008, 5, 213-214.	2.0	22
9	Differences in Global Gene Expression in Peripheral Blood Mononuclear Cells Indicate a Significant Role of the Innate Responses in Progression of Dengue Fever but Not Dengue Hemorrhagic Fever. <i>Journal of Infectious Diseases</i> , 2008, 197, 1459-1467.	4.0	133
10	Vascular Endothelial Growth Factor-Mediated Decrease in Plasma Soluble Vascular Endothelial Growth Factor Receptor-2 Levels as a Surrogate Biomarker for Tumor Growth. <i>Cancer Research</i> , 2008, 68, 521-529.	0.9	108
12	Dengue Virus Pathogenesis: an Integrated View. <i>Clinical Microbiology Reviews</i> , 2009, 22, 564-581.	13.6	705
13	Dengue: Recent Advances in Biology and Current Status of Translational Research. <i>Current Molecular Medicine</i> , 2009, 9, 152-173.	1.3	53
14	Using a Field Quantitative Real-Time PCR Test To Rapidly Identify Highly Viremic Rift Valley Fever Cases. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1166-1171.	3.9	52
15	Cholesterol biosynthesis modulation regulates dengue viral replication. <i>Virology</i> , 2009, 389, 8-19.	2.4	227
16	Profile of time-dependent VEGF upregulation in human pulmonary endothelial cells, HPMEC-ST1.6R infected with DENV-1, -2, -3, and -4 viruses. <i>Virology Journal</i> , 2009, 6, 49.	3.4	18
17	T Lymphocyte Responses to Heterologous Secondary Dengue Virus Infections. <i>Annals of the New York Academy of Sciences</i> , 2009, 1171, E36-41.	3.8	43
18	Relationship between circulating vascular endothelial growth factor and its soluble receptors in adults with dengue virus infection: a case-control study. <i>International Journal of Infectious Diseases</i> , 2009, 13, e248-e253.	3.3	32
19	Plasma leakage in dengue haemorrhagic fever. <i>Thrombosis and Haemostasis</i> , 2009, 102, 1042-1049.	3.4	131

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20	A decrease in maternal plasma concentrations of sVEGFR-2 precedes the clinical diagnosis of preeclampsia. American Journal of Obstetrics and Gynecology, 2010, 202, 550.e1-550.e10.	1.3	26
21	Strategies for development of dengue virus inhibitors. Antiviral Research, 2010, 85, 450-462.	4.1	240
22	Severe dengue: questioning the paradigm. Microbes and Infection, 2010, 12, 113-118.	1.9	20
23	Acute dengue virus 2 infection in Gabonese patients is associated with an early innate immune response, including strong interferon alpha production. BMC Infectious Diseases, 2010, 10, 356.	2.9	56
24	Elevated Levels of Plasma Angiogenic Factors Are Associated with Human Lymphatic Filarial Infections. American Journal of Tropical Medicine and Hygiene, 2010, 83, 884-890.	1.4	30
25	CD8 T Cell-Initiated Vascular Endothelial Growth Factor Expression Promotes Central Nervous System Vascular Permeability under Neuroinflammatory Conditions. Journal of Immunology, 2010, 184, 1031-1040.	0.8	58
26	Andes Virus Disrupts the Endothelial Cell Barrier by Induction of Vascular Endothelial Growth Factor and Downregulation of VE-Cadherin. Journal of Virology, 2010, 84, 11227-11234.	3.4	87
27	Markers of Dengue Disease Severity. Current Topics in Microbiology and Immunology, 2010, 338, 67-82.	1.1	121
28	Evidence of vascular endothelial damage in Crimean-Congo hemorrhagic fever. International Journal of Infectious Diseases, 2010, 14, e704-e707.	3.3	45
30	Fetal death: A condition with a dissociation in the concentrations of soluble vascular endothelial growth factor receptor-2 between the maternal and fetal compartments. Journal of Maternal-Fetal and Neonatal Medicine, 2010, 23, 960-972.	1.5	10
31	Tumour necrosis factor alpha (TNF- α) stimulation of cells with established dengue virus type 2 infection induces cell death that is accompanied by a reduced ability of TNF- α to activate nuclear factor κ B and reduced sphingosine kinase-1 activity. Journal of General Virology, 2011, 92, 807-818.	2.9	45
32	Hantavirus pulmonary syndrome. Virus Research, 2011, 162, 138-147.	2.2	155
33	Infection of human monocyte-derived dendritic cells by ANDES Hantavirus enhances pro-inflammatory state, the secretion of active MMP-9 and indirectly enhances endothelial permeability. Virology Journal, 2011, 8, 223.	3.4	42
34	Inducible viral receptor, A possible concept to induce viral protection in primitive immune animals. Virology Journal, 2011, 8, 326.	3.4	3
35	Phase I/II and Pharmacodynamic Study of Dovitinib (TKI258), an Inhibitor of Fibroblast Growth Factor Receptors and VEGF Receptors, in Patients with Advanced Melanoma. Clinical Cancer Research, 2011, 17, 7451-7461.	7.0	115
36	Productive Dengue Virus Infection of Human Endothelial Cells Is Directed by Heparan Sulfate-Containing Proteoglycan Receptors. Journal of Virology, 2011, 85, 9478-9485.	3.4	103
37	Serum Proteome and Cytokine Analysis in a Longitudinal Cohort of Adults with Primary Dengue Infection Reveals Predictive Markers of DHF. PLoS Neglected Tropical Diseases, 2012, 6, e1887.	3.0	89
38	Association of Mast Cell-Derived VEGF and Proteases in Dengue Shock Syndrome. PLoS Neglected Tropical Diseases, 2012, 6, e1505.	3.0	98

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39	Imbalance of Angiopoietin-1 and Angiopoietin-2 in Severe Dengue and Relationship with Thrombocytopenia, Endothelial Activation, and Vascular Stability. American Journal of Tropical Medicine and Hygiene, 2012, 87, 943-946.	1.4	69
40	Elevated Vascular Endothelial Growth Factor Levels Induce Hyperpermeability of Endothelial Cells in Hantavirus Infection. Journal of International Medical Research, 2012, 40, 1812-1821.	1.0	22
41	Dengue virus strain DEN2 16681 utilizes a specific glycochain of syndecan-2 proteoglycan as a receptor. Journal of General Virology, 2012, 93, 761-770.	2.9	38
42	Sustained High Level of Serum VEGF at Convalescent Stage Contributes to the Renal Recovery after HTNV Infection in Patients with Hemorrhagic Fever with Renal Syndrome. Clinical and Developmental Immunology, 2012, 2012, 1-11.	3.3	28
43	Alteration of Cytokines and Chemokines During Febrile Episodes Associated With Endothelial Cell Damage and Plasma Leakage in Dengue Hemorrhagic Fever. Pediatric Infectious Disease Journal, 2012, 31, e232-e238.	2.0	83
44	Cytokine Factors Present in Dengue Patient Sera Induces Alterations of Junctional Proteins in Human Endothelial Cells. American Journal of Tropical Medicine and Hygiene, 2012, 87, 936-942.	1.4	40
45	Preserved vascular integrity and enhanced survival following neuropilin-1 inhibition in a mouse model of CD8 T cell-initiated CNS vascular permeability. Journal of Neuroinflammation, 2012, 9, 218.	7.2	18
46	Pathogenesis of the hantavirus pulmonary syndrome. Future Virology, 2012, 7, 41-51.	1.8	19
47	Into the Eye of the Cytokine Storm. Microbiology and Molecular Biology Reviews, 2012, 76, 16-32.	6.6	1,557
48	Inflammatory and Innate Immune Responses in Dengue Infection. American Journal of Pathology, 2013, 182, 1950-1961.	3.8	118
49	Pathogenesis of the Viral Hemorrhagic Fevers. Annual Review of Pathology: Mechanisms of Disease, 2013, 8, 411-440.	22.4	229
50	The role of endothelial activation in dengue hemorrhagic fever and hantavirus pulmonary syndrome. Virulence, 2013, 4, 525-536.	4.4	34
51	Dengue Virus Type 2 Modulates Endothelial Barrier Function through CD73. American Journal of Tropical Medicine and Hygiene, 2013, 88, 89-94.	1.4	18
52	Microbial Translocation Is Associated with Extensive Immune Activation in Dengue Virus Infected Patients with Severe Disease. PLoS Neglected Tropical Diseases, 2013, 7, e2236.	3.0	66
53	Biomarkers of endothelial activation/dysfunction in infectious diseases. Virulence, 2013, 4, 507-516.	4.4	215
54	Sulfated Escherichia coli K5 Polysaccharide Derivatives Inhibit Dengue Virus Infection of Human Microvascular Endothelial Cells by Interacting with the Viral Envelope Protein E Domain III. PLoS ONE, 2013, 8, e74035.	2.5	35
55	Sphingosine 1-Phosphate in Acute Dengue Infection. PLoS ONE, 2014, 9, e113394.	2.5	41
57	The Association of Cytokines with Severe Dengue in Children. Tropical Medicine and Health, 2014, 42, 137-144.	2.8	38

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59	Flaviviruses: Dengue. , 2014, , 351-381.		2
60	Clinical Insights: Dengue: Transmission, Diagnosis & Surveillance. , 2014, , .		0
61	Bleeding complications in dengue are not associated with significant changes in the modulators of the endothelial barrier. Journal of Infection in Developing Countries, 2014, 8, 799-803.	1.2	3
62	Serum angiopoietin-2 and soluble VEGF receptor 2 are surrogate markers for plasma leakage in patients with acute dengue virus infection. Journal of Clinical Virology, 2014, 60, 328-335.	3.1	46
63	Role of Vascular Endothelial Growth Factor (VEGF) in the Neurological Manifestations of Dengue: A Preliminary Study. Inflammation, 2014, 37, 611-614.	3.8	9
64	Elucidating the role of TÂcells in protection against and pathogenesis of dengue virus infections. Future Microbiology, 2014, 9, 411-425.	2.0	41
65	Antibody response to dengue virus. Microbes and Infection, 2014, 16, 711-720.	1.9	20
66	Predicting outcome from dengue. BMC Medicine, 2014, 12, 147.	5.5	82
67	Endothelial cells in dengue hemorrhagic fever. Antiviral Research, 2014, 109, 160-170.	4.1	40
68	Vascular events in viral hemorrhagic fevers: a comparative study of dengue and hantaviruses. Cell and Tissue Research, 2014, 355, 621-633.	2.9	18
69	Cardiovascular manifestations of the emerging dengue pandemic. Nature Reviews Cardiology, 2014, 11, 335-345.	13.7	110
70	Aerosol Spread and Communicability of Respiratory Viruses. , 2014, , 91-101.		1
71	VEGF and its receptors in dengue virus infection. Journal of Medical Virology, 2015, 87, 1449-1455.	5.0	11
72	Flaviviruses (Dengue, Yellow Fever, Japanese Encephalitis, West Nile Encephalitis, St. Louis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T5 2015, , 1881-1903.e6.		14
73	Thrombocytopenia in Dengue: Interrelationship between Virus and the Imbalance between Coagulation and Fibrinolysis and Inflammatory Mediators. Mediators of Inflammation, 2015, 2015, 1-16.	3.0	140
74	Dengue Virus-Induced Inflammation of the Endothelium and the Potential Roles of Sphingosine Kinase-1 and MicroRNAs. Mediators of Inflammation, 2015, 2015, 1-13.	3.0	16
75	Platelet Activating Factor Contributes to Vascular Leak in Acute Dengue Infection. PLoS Neglected Tropical Diseases, 2015, 9, e0003459.	3.0	55
76	Association Between Increased Vascular Nitric Oxide Bioavailability and Progression to Dengue Hemorrhagic Fever in Adults. Journal of Infectious Diseases, 2015, 212, 711-714.	4.0	17

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77	Host biomarkers are associated with progression to dengue haemorrhagic fever: a nested case-control study. International Journal of Infectious Diseases, 2015, 40, 45-53.	3.3	40
78	Endothelial dysfunction in dengue virus pathology. Reviews in Medical Virology, 2015, 25, 50-67.	8.3	44
79	Viruses Responsible for Hemorrhagic Fevers. , 2016, , 161-181.		0
80	Reguladores de integridad endotelial como posibles predictores de la gravedad en casos de dengue. Biomedica, 2016, 36, 148.	0.7	2
81	Systems Pharmacology Uncovers the Multiple Mechanisms of Xijiao Dihuang Decoction for the Treatment of Viral Hemorrhagic Fever. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-17.	1.2	31
82	Is VEGF a marker of severity of scrub typhus infection?. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 305-310.	2.9	1
83	Lipopolysaccharide acts synergistically with the dengue virus to induce monocyte production of platelet activating factor and other inflammatory mediators. Antiviral Research, 2016, 133, 183-190.	4.1	32
84	Vessels and Coagulation. , 2016, , 41-66.		0
85	Association of Microvascular Function and Endothelial Biomarkers With Clinical Outcome in Dengue: An Observational Study. Journal of Infectious Diseases, 2016, 214, 697-706.	4.0	38
86	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. Nucleic Acids Research, 2016, 44, 8610-8620.	14.5	155
87	Elevated levels of vascular endothelial growth factor in adults with severe dengue infection. VirusDisease, 2016, 27, 48-54.	2.0	23
88	Secretory phospholipase A2 in the pathogenesis of acute dengue infection. Immunity, Inflammation and Disease, 2017, 5, 7-15.	2.7	23
89	Immune-mediated cytokine storm and its role in severe dengue. Seminars in Immunopathology, 2017, 39, 563-574.	6.1	185
90	Micro-anatomical changes in major blood vessel caused by dengue virus (serotype 2) infection. Acta Tropica, 2017, 171, 213-219.	2.0	5
91	Pathogenesis of vascular leak in dengue virus infection. Immunology, 2017, 151, 261-269.	4.4	165
92	Transcriptional Profiling Confirms the Therapeutic Effects of Mast Cell Stabilization in a Dengue Disease Model. Journal of Virology, 2017, 91, .	3.4	34
93	Levels of Circulating Tumor Necrosis Factor- α in Children with Symptomatic Dengue Evaluated by ELISA and Bead-Based Assays. Viral Immunology, 2017, 30, 45-53.	1.3	9
94	Endothelial activation and dysfunction in severe fever with thrombocytopenia syndrome. PLoS Neglected Tropical Diseases, 2017, 11, e0005746.	3.0	16

#	ARTICLE	IF	CITATIONS
95	A preliminary study on efficacy of rupatadine for the treatment of acute dengue infection. Scientific Reports, 2018, 8, 3857.	3.3	20
96	The predictive and diagnostic accuracy of vascular endothelial growth factor and pentraxin-3 in severe dengue. Pathogens and Global Health, 2018, 112, 334-341.	2.3	8
97	Synergism between the tyrosine kinase inhibitor sunitinib and Anti-TNF antibody protects against lethal dengue infection. Antiviral Research, 2018, 158, 1-7.	4.1	15
98	VEGF Upregulation in Viral Infections and Its Possible Therapeutic Implications. International Journal of Molecular Sciences, 2018, 19, 1642.	4.1	70
99	Sphingolipid signaling modulates trans-endothelial cell permeability in dengue virus infected HMEC-1 cells. Prostaglandins and Other Lipid Mediators, 2018, 136, 44-54.	1.9	5
100	Dengue haemorrhagic fever: a job done via exosomes?. Emerging Microbes and Infections, 2019, 8, 1626-1635.	6.5	26
101	Study of serum VEGF levels in patients with severe dengue infection admitted in a tertiary care hospital in Kolkata. Journal of Medical Virology, 2019, 91, 1873-1876.	5.0	7
102	A Stillborn Multiple Organsâ€™ Investigation from a Maternal DENV-4 Infection: Histopathological and Inflammatory Mediators Characterization. Viruses, 2019, 11, 319.	3.3	23
103	NS1, Dengueâ€™s Dagger. Journal of Infectious Diseases, 2020, 221, 857-860.	4.0	6
104	Dentin matrix protein 1 correlates with the severity of hemorrhagic fever with renal syndrome and promotes hyper-permeability of endothelial cells infected by Hantaan virus. Microbes and Infection, 2019, 21, 321-327.	1.9	1
105	Impaired production of immune mediators in dengue virus type 2-infected mononuclear cells of adults with end stage renal disease. Scientific Reports, 2019, 9, 19783.	3.3	2
106	Dynamic changes of soluble ST2 levels predicted fatality and were involved in coagulopathy in dengue fever in the elderly. PLoS Neglected Tropical Diseases, 2019, 13, e0007974.	3.0	6
107	Mast cell mediators in relation to dengue severity: A systematic review and meta-analysis. Reviews in Medical Virology, 2020, 30, e2084.	8.3	18
108	Multivariate time-series analysis of biomarkers from a dengue cohort offers new approaches for diagnosis and prognosis. PLoS Neglected Tropical Diseases, 2020, 14, e0008199.	3.0	7
109	Prediction of disease severity in young children presenting with acute febrile illness in resource-limited settings: a protocol for a prospective observational study. BMJ Open, 2021, 11, e045826.	1.9	12
111	Brivanib alaninate inhibited dengue virus proliferation through VEGFR2/AMPK pathway. Pharmacological Research, 2021, 170, 105721.	7.1	7
112	Immunophenotyping and Transcriptional Profiling of Human Plasmablasts in Dengue. Journal of Virology, 2021, 95, e0061021.	3.4	2
113	Dengue virus or NS1 protein induces trans-endothelial cell permeability associated with VE-Cadherin and RhoA phosphorylation in HMEC-1 cells preventable by Angiopoietin-1. Journal of General Virology, 2018, 99, 1658-1670.	2.9	25

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114	Serum Angiopoietin-2 as Marker of Plasma Leakage in Dengue Viral Infection. American Journal of Clinical and Experimental Medicine, 2015, 3, 39.	0.2	3
115	Prognostic performance of endothelial biomarkers to early predict clinical deterioration of patients with suspected bacterial infection and sepsis admitted to the emergency department. Annals of Intensive Care, 2020, 10, 113.	4.6	11
116	Activation of Dengue Virus-Specific T Cells Modulates Vascular Endothelial Growth Factor Receptor 2 Expression. Asian Pacific Journal of Allergy and Immunology, 2017, 35, 171-178.	0.4	10
117	Biomarkers in differentiating clinical dengue cases: A prospective cohort study. Journal of Coastal Life Medicine, 2015, 3, 967-970.	0.2	1
118	Dengue Virus Tropism in Humanized Mice Recapitulates Human Dengue Fever. PLoS ONE, 2011, 6, e20762.	2.5	73
119	Network Analysis of Human Genes Influencing Susceptibility to Mycobacterial Infections. PLoS ONE, 2016, 11, e0146585.	2.5	14
120	Meta-analysis of biomarkers for severe dengue infections. PeerJ, 2017, 5, e3589.	2.0	29
122	Experimental Model Systems to Define Mechanisms of Immune-Mediated Blood Brain Barrier Disruption in Acute Disseminated Encephalomyelitis (ADEM) and Acute Hemorrhagic Leukoencephalitis (AHLE). , 0, , .		0
124	Association DENV1 and DENV2 infection with high serum levels of soluble thrombomodulin and VEGF in patients with dengue fever and dengue hemorrhagic fever. International Journal of Clinical and Experimental Medicine, 2014, 7, 370-8.	1.3	8
125	Increased Levels of VEGF-A and HIF-1 α in Turkish Children with Crimean-Congo Hemorrhagic Fever. Journal of Arthropod-Borne Diseases, 2017, 11, 19-26.	0.9	3
127	The Role of Growth Factors in the Pathogenesis of Dengue: A Scoping Review. Pathogens, 2022, 11, 1179.	2.8	1
128	Subcutaneous Infection with Non-mouse Adapted Dengue Virus D2Y98P Strain Induces Systemic Vascular Leakage in AG129 Mice. Annals of the Academy of Medicine, Singapore, 2011, 40, 523-532.	0.4	21
129	Serum biomarkers and anti-flavivirus antibodies at presentation as indicators of severe dengue. PLoS Neglected Tropical Diseases, 2023, 17, e0010750.	3.0	3
130	Liver immunopathogenesis in fatal cases of dengue in children: detection of viral antigen, cytokine profile and inflammatory mediators. Frontiers in Immunology, 0, 14, .	4.8	0
131	Unique Immune Blood Markers Between Severe Dengue and Sepsis in Children. Pediatric Infectious Disease Journal, 2023, 42, 792-800.	2.0	2
132	Early transcriptomic host response signatures in the serum of dengue patients provides insights into clinical pathogenesis and disease severity. Scientific Reports, 2023, 13, .	3.3	1
133	Flaviviruses: Dengue. , 2023, , 1-65.		0
134	Nanomedicine as a potential novel therapeutic approach against the dengue virus. Nanomedicine, 0, , .	3.3	0

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135	Influence of previous Zika virus infection on acute dengue episode. PLoS Neglected Tropical Diseases, 2023, 17, e0011710.	3.0	1