

# Niels A W Lemmermann

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,807  
citations

236925

25  
h-index

315739

38  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Host-Adapted Gene Families Involved in Murine Cytomegalovirus Immune Evasion. <i>Viruses</i> , 2022, 14, 128.	3.3	10
2	Hyperglycemia and Not Hyperinsulinemia Mediates Diabetes-Induced Memory CD8 T-Cell Dysfunction. <i>Diabetes</i> , 2022, 71, 706-721.	0.6	19
3	Mast Cells Meet Cytomegalovirus: A New Example of Protective Mast Cell Involvement in an Infectious Disease. <i>Cells</i> , 2022, 11, 1402.	4.1	1
4	Memory CD8 T Cells Protect against Cytomegalovirus Disease by Formation of Nodular Inflammatory Foci Preventing Intra-Tissue Virus Spread. <i>Viruses</i> , 2022, 14, 1145.	3.3	6
5	No Evidence for Classic Thrombotic Microangiopathy in COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 671.	2.4	9
6	Stochastic Episodes of Latent Cytomegalovirus Transcription Drive CD8 T-Cell "Memory Inflation" and Avoid Immune Evasion. <i>Frontiers in Immunology</i> , 2021, 12, 668885.	4.8	25
7	Evaluation of a laboratory-based high-throughput SARS-CoV-2 antigen assay for non-COVID-19 patient screening at hospital admission. <i>Medical Microbiology and Immunology</i> , 2021, 210, 165-171.	4.8	20
8	Direct Evidence for Viral Antigen Presentation during Latent Cytomegalovirus Infection. <i>Pathogens</i> , 2021, 10, 731.	2.8	5
9	Consequence of Histoincompatibility beyond GvH-Reaction in Cytomegalovirus Disease Associated with Allogeneic Hematopoietic Cell Transplantation: Change of Paradigm. <i>Viruses</i> , 2021, 13, 1530.	3.3	11
10	Cytomegalovirus infection of glioblastoma cells leads to NF- $\kappa$ B dependent upregulation of the c-MET oncogenic tyrosine kinase. <i>Cancer Letters</i> , 2021, 513, 26-35.	7.2	2
11	Therapeutic Vaccination of Hematopoietic Cell Transplantation Recipients Improves Protective CD8 T-Cell Immunotherapy of Cytomegalovirus Infection. <i>Frontiers in Immunology</i> , 2021, 12, 694588.	4.8	6
12	Localization of Viral Epitope-Specific CD8 T Cells during Cytomegalovirus Latency in the Lungs and Recruitment to Lung Parenchyma by Airway Challenge Infection. <i>Life</i> , 2021, 11, 918.	2.4	3
13	Revisiting CD8 T-cell "Memory Inflation" <sup>TM</sup> : New Insights with Implications for Cytomegaloviruses as Vaccine Vectors. <i>Vaccines</i> , 2020, 8, 402.	4.4	16
14	The Anti-apoptotic Murine Cytomegalovirus Protein vMIA-m38.5 Induces Mast Cell Degranulation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 439.	3.9	3
15	Positive Role of the MHC Class-I Antigen Presentation Regulator m04/gp34 of Murine Cytomegalovirus in Antiviral Protection by CD8 T Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 454.	3.9	7
16	Insufficient Antigen Presentation Due to Viral Immune Evasion Explains Lethal Cytomegalovirus Organ Disease After Allogeneic Hematopoietic Cell Transplantation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 157.	3.9	17
17	Enhancement of Antigen Presentation by Deletion of Viral Immune Evasion Genes Prevents Lethal Cytomegalovirus Disease in Minor Histocompatibility Antigen-Mismatched Hematopoietic Cell Transplantation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 279.	3.9	14
18	Eomes broadens the scope of CD8 T-cell memory by inhibiting apoptosis in cells of low affinity. <i>PLoS Biology</i> , 2020, 18, e3000648.	5.6	31

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19	Advances in cytomegalovirus (CMV) biology and its relationship to health, diseases, and aging. <i>GeroScience</i> , 2020, 42, 495-504.	4.6	29
20	Cytomegalovirus-Associated Inhibition of Hematopoiesis Is Preventable by Cytoimmunotherapy With Antiviral CD8 T Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 138.	3.9	16
21	The herpesviral antagonist m152 reveals differential activation of <sc>STING</sc> â€‘dependent <sc>IRF</sc> and <sc>NF</sc> â€‘B signaling and <sc>STING</sc> 's dual role during <sc>MCMV</sc> infection. <i>EMBO Journal</i> , 2019, 38, .	7.8	77
22	Cellular reservoirs of latent cytomegaloviruses. <i>Medical Microbiology and Immunology</i> , 2019, 208, 391-403.	4.8	69
23	Transcripts expressed in cytomegalovirus latency coding for an antigenic IE/E phase peptide that drives â€‘memory inflationâ€‘. <i>Medical Microbiology and Immunology</i> , 2019, 208, 439-446.	4.8	11
24	Function of the cargo sorting dileucine motif in a cytomegalovirus immune evasion protein. <i>Medical Microbiology and Immunology</i> , 2019, 208, 531-542.	4.8	10
25	Coincident airway exposure to low-potency allergen and cytomegalovirus sensitizes for allergic airway disease by viral activation of migratory dendritic cells. <i>PLoS Pathogens</i> , 2019, 15, e1007595.	4.7	19
26	Mouse Model of Cytomegalovirus Disease and Immunotherapy in the Immunocompromised Host: Predictions for Medical Translation that Survived the â€‘Test of Timeâ€‘. <i>Viruses</i> , 2018, 10, 693.	3.3	76
27	Efficient Delivery of Human Cytomegalovirus T Cell Antigens by Attenuated Sendai Virus Vectors. <i>Journal of Virology</i> , 2018, 92, .	3.4	2
28	TLR3-independent activation of mast cells by cytomegalovirus contributes to control of pulmonary infection. <i>Cellular and Molecular Immunology</i> , 2017, 14, 479-481.	10.5	6
29	Cytomegalovirus vector expressing RAEâ€‘1 <sup>Î³</sup> induces enhanced antiâ€‘tumor capacity of murine CD8 <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2017, 47, 1354-1367.	2.9	18
30	NKG2D stimulation of CD8 <sup>+</sup> T cells during priming promotes their capacity to produce cytokines in response to viral infection in mice. <i>European Journal of Immunology</i> , 2017, 47, 1123-1135.	2.9	16
31	The murine cytomegalovirus M35 protein antagonizes type I IFN induction downstream of pattern recognition receptors by targeting NF-Î‘B mediated transcription. <i>PLoS Pathogens</i> , 2017, 13, e1006382.	4.7	28
32	Reconstitution of CD8 T Cells Protective against Cytomegalovirus in a Mouse Model of Hematopoietic Cell Transplantation: Dynamics and Inessentiality of Epitope Immunodominance. <i>Frontiers in Immunology</i> , 2016, 7, 232.	4.8	21
33	Refining human T-cell immunotherapy of cytomegalovirus disease: a mouse model with â€‘humanizedâ€‘ <sup>TM</sup> antigen presentation as a new preclinical study tool. <i>Medical Microbiology and Immunology</i> , 2016, 205, 549-561.	4.8	18
34	Non-cognate bystander cytotoxicity by clonal epitope-specific CTL lines through CD28â€‘CD80 interaction inhibits antibody production: A potential caveat to CD8 T-cell immunotherapy. <i>Cellular Immunology</i> , 2016, 308, 44-56.	3.0	0
35	Murine cytomegalovirus (CMV) infection via the intranasal route offers a robust model of immunity upon mucosal CMV infection. <i>Journal of General Virology</i> , 2016, 97, 185-195.	2.9	35
36	The Mouse Cytomegalovirus Gene m42 Targets Surface Expression of the Protein Tyrosine Phosphatase CD45 in Infected Macrophages. <i>PLoS Pathogens</i> , 2016, 12, e1006057.	4.7	14

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37	Peptide Processing Is Critical for T-Cell Memory Inflation and May Be Optimized to Improve Immune Protection by CMV-Based Vaccine Vectors. <i>PLoS Pathogens</i> , 2016, 12, e1006072.	4.7	55
38	Evaluating Human T-Cell Therapy of Cytomegalovirus Organ Disease in HLA-Transgenic Mice. <i>PLoS Pathogens</i> , 2015, 11, e1005049.	4.7	31
39	Mast cells: innate attractors recruiting protective CD8 T cells to sites of cytomegalovirus infection. <i>Medical Microbiology and Immunology</i> , 2015, 204, 327-334.	4.8	26
40	Non-redundant and Redundant Roles of Cytomegalovirus gH/gL Complexes in Host Organ Entry and Intra-tissue Spread. <i>PLoS Pathogens</i> , 2015, 11, e1004640.	4.7	60
41	Identification of an atypical CD8 T cell epitope encoded by murine cytomegalovirus ORF-M54 gaining dominance after deletion of the immunodominant antiviral CD8 T cell specificities. <i>Medical Microbiology and Immunology</i> , 2015, 204, 317-326.	4.8	4
42	Principles for studying in vivo attenuation of virus mutants: defining the role of the cytomegalovirus gH/gL/gO complex as a paradigm. <i>Medical Microbiology and Immunology</i> , 2015, 204, 295-305.	4.8	15
43	An endocytic YXXÎ (YRRF) cargo sorting motif in the cytoplasmic tail of murine cytomegalovirus AP2 adapter protein m04/gp34 antagonizes virus evasion of natural killer cells. <i>Medical Microbiology and Immunology</i> , 2015, 204, 383-394.	4.8	9
44	Mast cells as rapid innate sensors of cytomegalovirus by TLR3/TRIF signaling-dependent and -independent mechanisms. <i>Cellular and Molecular Immunology</i> , 2015, 12, 192-201.	10.5	32
45	Mast Cells Expedite Control of Pulmonary Murine Cytomegalovirus Infection by Enhancing the Recruitment of Protective CD8 T Cells to the Lungs. <i>PLoS Pathogens</i> , 2014, 10, e1004100.	4.7	64
46	Noncanonical Expression of a Murine Cytomegalovirus Early Protein CD8 T-Cell Epitope as an Immediate Early Epitope Based on Transcription from an Upstream Gene. <i>Viruses</i> , 2014, 6, 808-831.	3.3	7
47	Spatial distribution and structural arrangement of a murine cytomegalovirus glycoprotein detected by SPDM localization microscopy. <i>Histochemistry and Cell Biology</i> , 2014, 142, 61-67.	1.7	12
48	Adoptive Transfer of T-Cell-Receptor Engineered Human T Cells Specifically Reduces Viral Titers in HLA-Transgenic NSG Mice Infected with a Humanized Cytomegalovirus. <i>Blood</i> , 2014, 124, 3834-3834.	1.4	0
49	Superior induction and maintenance of protective CD8 T cells in mice infected with mouse cytomegalovirus vector expressing RAE-1Î³. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16550-16555.	7.1	26
50	The p36 Isoform of Murine Cytomegalovirus m152 Protein Suffices for Mediating Innate and Adaptive Immune Evasion. <i>Viruses</i> , 2013, 5, 3171-3191.	3.3	18
51	The Viral Chemokine MCK-2 of Murine Cytomegalovirus Promotes Infection as Part of a gH/gL/MCK-2 Complex. <i>PLoS Pathogens</i> , 2013, 9, e1003493.	4.7	61
52	NKG2D Induces Mcl-1 Expression and Mediates Survival of CD8 Memory T Cell Precursors via Phosphatidylinositol 3-Kinase. <i>Journal of Immunology</i> , 2013, 191, 1307-1315.	0.8	37
53	Murine cytomegalovirus immune evasion proteins operative in the MHC class I pathway of antigen processing and presentation: state of knowledge, revisions, and questions. <i>Medical Microbiology and Immunology</i> , 2012, 201, 497-512.	4.8	33
54	Immune control in the absence of immunodominant epitopes: implications for immunotherapy of cytomegalovirus infection with antiviral CD8 T cells. <i>Medical Microbiology and Immunology</i> , 2012, 201, 541-550.	4.8	21

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55	Antigen presentation under the influence of "immune evasion"™ proteins and its modulation by interferon-gamma: implications for immunotherapy of cytomegalovirus infection with antiviral CD8 T cells. <i>Medical Microbiology and Immunology</i> , 2012, 201, 513-525.	4.8	24
56	Single cell detection of latent cytomegalovirus reactivation in host tissue. <i>Journal of General Virology</i> , 2011, 92, 1279-1291.	2.9	50
57	In vivo impact of cytomegalovirus evasion of CD8 T-cell immunity: Facts and thoughts based on murine models. <i>Virus Research</i> , 2011, 157, 161-174.	2.2	44
58	Superresolution imaging of biological nanostructures by spectral precision distance microscopy. <i>Biotechnology Journal</i> , 2011, 6, 1037-1051.	3.5	63
59	Reverse Genetics Modification of Cytomegalovirus Antigenicity and Immunogenicity by CD8 T-Cell Epitope Deletion and Insertion. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-15.	3.0	27
60	Immune Evasion Proteins of Murine Cytomegalovirus Preferentially Affect Cell Surface Display of Recently Generated Peptide Presentation Complexes. <i>Journal of Virology</i> , 2010, 84, 1221-1236.	3.4	49
61	Enhancerless Cytomegalovirus Is Capable of Establishing a Low-Level Maintenance Infection in Severely Immunodeficient Host Tissues but Fails in Exponential Growth. <i>Journal of Virology</i> , 2010, 84, 6254-6261.	3.4	6
62	CD8 T-Cell Immunotherapy of Cytomegalovirus Disease in the Murine Model. <i>Methods in Microbiology</i> , 2010, , 369-420.	0.8	39
63	A novel transmembrane domain mediating retention of a highly motile herpesvirus glycoprotein in the endoplasmic reticulum. <i>Journal of General Virology</i> , 2010, 91, 1524-1534.	2.9	19
64	Epitope-specific in vivo protection against cytomegalovirus disease by CD8 T cells in the murine model of preemptive immunotherapy. <i>Medical Microbiology and Immunology</i> , 2008, 197, 135-144.	4.8	46
65	Polyclonal cytomegalovirus-specific antibodies not only prevent virus dissemination from the portal of entry but also inhibit focal virus spread within target tissues. <i>Medical Microbiology and Immunology</i> , 2008, 197, 151-158.	4.8	32
66	Murine Model of Cytomegalovirus Latency and Reactivation. <i>Current Topics in Microbiology and Immunology</i> , 2008, 325, 315-331.	1.1	104
67	Transactivation of Cellular Genes Involved in Nucleotide Metabolism by the Regulatory IE1 Protein of Murine Cytomegalovirus Is Not Critical for Viral Replicative Fitness in Quiescent Cells and Host Tissues. <i>Journal of Virology</i> , 2008, 82, 9900-9916.	3.4	26
68	The Immune Evasion Paradox: Immuno-evasins of Murine Cytomegalovirus Enhance Priming of CD8 T Cells by Preventing Negative Feedback Regulation. <i>Journal of Virology</i> , 2008, 82, 11637-11650.	3.4	67