

# Connie S Schmaljohn

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,661  
citations

186265  
28  
h-index

182427  
51  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2889  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mouse Model for Evaluation of Prophylaxis and Therapy of Ebola Hemorrhagic Fever. <i>Journal of Infectious Diseases</i> , 1998, 178, 651-661.	4.0	418
2	Advancements in DNA vaccine vectors, non-mechanical delivery methods, and molecular adjuvants to increase immunogenicity. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2837-2848.	3.3	168
3	DNA Vaccines Expressing either the GP or NP Genes of Ebola Virus Protect Mice from Lethal Challenge. <i>Virology</i> , 1998, 246, 134-144.	2.4	166
4	Preclinical and clinical progress of particle-mediated DNA vaccines for infectious diseases. <i>Methods</i> , 2006, 40, 86-97.	3.8	138
5	Comparison of individual and combination DNA vaccines for B. anthracis, Ebola virus, Marburg virus and Venezuelan equine encephalitis virus. <i>Vaccine</i> , 2003, 21, 4071-4080.	3.8	119
6	Complete nucleotide sequence of the M RNA segment of rift valley fever virus. <i>Virology</i> , 1985, 144, 228-245.	2.4	117
7	Immunogenicity of combination DNA vaccines for Rift Valley fever virus, tick-borne encephalitis virus, Hantaan virus, and Crimean Congo hemorrhagic fever virus. <i>Vaccine</i> , 2006, 24, 4657-4666.	3.8	117
8	Influences of Glycosylation on Antigenicity, Immunogenicity, and Protective Efficacy of Ebola Virus GP DNA Vaccines. <i>Journal of Virology</i> , 2007, 81, 1821-1837.	3.4	114
9	Endothelial Cell Permeability during Hantavirus Infection Involves Factor XII-Dependent Increased Activation of the Kallikrein-Kinin System. <i>PLoS Pathogens</i> , 2013, 9, e1003470.	4.7	88
10	A DNA Vaccine for Venezuelan Equine Encephalitis Virus Delivered by Intramuscular Electroporation Elicits High Levels of Neutralizing Antibodies in Multiple Animal Models and Provides Protective Immunity to Mice and Nonhuman Primates. <i>Vaccine Journal</i> , 2011, 18, 707-716.	3.1	75
11	Codon-optimized filovirus DNA vaccines delivered by intramuscular electroporation protect cynomolgus macaques from lethal Ebola and Marburg virus challenges. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1991-2004.	3.3	61
12	A DNA vaccine delivered by dermal electroporation fully protects cynomolgus macaques against Lassa fever. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2902-2911.	3.3	61
13	A Phase 1 clinical trial of Hantaan virus and Puumala virus M-segment DNA vaccines for hemorrhagic fever with renal syndrome. <i>Vaccine</i> , 2012, 30, 1951-1958.	3.8	58
14	GP38-targeting monoclonal antibodies protect adult mice against lethal Crimean-Congo hemorrhagic fever virus infection. <i>Science Advances</i> , 2019, 5, eaaw9535.	10.3	56
15	Immune-Mediated Systemic Vasculitis as the Proposed Cause of Sudden-Onset Sensorineural Hearing Loss following Lassa Virus Exposure in Cynomolgus Macaques. <i>MBio</i> , 2018, 9, .	4.1	52
16	A Phase 1 clinical trial of a DNA vaccine for Venezuelan equine encephalitis delivered by intramuscular or intradermal electroporation. <i>Vaccine</i> , 2016, 34, 3607-3612.	3.8	51
17	Comparison of the protective efficacy of DNA and baculovirus-derived protein vaccines for EBOLA virus in guinea pigs. <i>Virus Research</i> , 2003, 92, 187-193.	2.2	50
18	Enhanced Efficacy of a Codon-Optimized DNA Vaccine Encoding the Glycoprotein Precursor Gene of Lassa Virus in a Guinea Pig Disease Model When Delivered by Dermal Electroporation. <i>Vaccines</i> , 2013, 1, 262-277.	4.4	46

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19	Self-Amplifying RNA Vaccines for Venezuelan Equine Encephalitis Virus Induce Robust Protective Immunogenicity in Mice. <i>Molecular Therapy</i> , 2019, 27, 850-865.	8.2	45
20	Evaluation of Tick-Borne Encephalitis DNA Vaccines in Monkeys. <i>Virology</i> , 1999, 263, 166-174.	2.4	43
21	Immunogenicity and protective efficacy of a DNA vaccine against Venezuelan equine encephalitis virus aerosol challenge in nonhuman primates. <i>Vaccine</i> , 2010, 28, 7345-7350.	3.8	43
22	A multiagent filovirus DNA vaccine delivered by intramuscular electroporation completely protects mice from ebola and Marburg virus challenge. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 1703-1706.	3.3	38
23	Directed molecular evolution improves the immunogenicity and protective efficacy of a Venezuelan equine encephalitis virus DNA vaccine. <i>Vaccine</i> , 2009, 27, 4152-4160.	3.8	37
24	Progress in recombinant DNA-derived vaccines for Lassa virus and filoviruses. <i>Virus Research</i> , 2011, 162, 148-161.	2.2	33
25	Mapping of Ebolavirus Neutralization by Monoclonal Antibodies in the ZMapp Cocktail Using Cryo-Electron Tomography and Studies of Cellular Entry. <i>Journal of Virology</i> , 2016, 90, 7618-7627.	3.4	32
26	DNA vaccines for biodefense. <i>Expert Review of Vaccines</i> , 2009, 8, 1739-1754.	4.4	31
27	Vaccines against Ebola virus and Marburg virus: recent advances and promising candidates. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 2359-2377.	3.3	31
28	Mixing of M segment DNA vaccines to Hantaan virus and Puumala virus reduces their immunogenicity in hamsters. <i>Vaccine</i> , 2008, 26, 5177-5181.	3.8	29
29	DNA vaccines for HFRS: Laboratory and clinical studies. <i>Virus Research</i> , 2014, 187, 91-96.	2.2	27
30	Human Polyclonal Antibodies Produced through DNA Vaccination of Transchromosomal Cattle Provide Mice with Post-Exposure Protection against Lethal Zaire and Sudan Ebolaviruses. <i>PLoS ONE</i> , 2015, 10, e0137786.	2.5	24
31	Nuclear Relocalization of Polyadenylate Binding Protein during Rift Valley Fever Virus Infection Involves Expression of the NSs Gene. <i>Journal of Virology</i> , 2013, 87, 11659-11669.	3.4	22
32	An immunoinformatics-derived DNA vaccine encoding human class II T cell epitopes of Ebola virus, Sudan virus, and Venezuelan equine encephalitis virus is immunogenic in HLA transgenic mice. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2824-2836.	3.3	21
33	Immunogenicity of a protective intradermal DNA vaccine against lassa virus in cynomolgus macaques. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 2066-2074.	3.3	21
34	Rift Valley fever virus NSS gene expression correlates with a defect in nuclear mRNA export. <i>Virology</i> , 2015, 486, 88-93.	2.4	20
35	Nanoplasmid Vectors Co-expressing Innate Immune Agonists Enhance DNA Vaccines for Venezuelan Equine Encephalitis Virus and Ebola Virus. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 810-821.	4.1	20
36	Discovery of hantaviruses and of the Hantavirus genus: Personal and historical perspectives of the Presidents of the International Society of Hantaviruses. <i>Virus Research</i> , 2014, 187, 2-5.	2.2	19

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37	DNA vaccines elicit durable protective immunity against individual or simultaneous infections with Lassa and Ebola viruses in guinea pigs. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 3010-3019.	3.3	19
38	Alterations in the host transcriptome in vitro following Rift Valley fever virus infection. <i>Scientific Reports</i> , 2017, 7, 14385.	3.3	17
39	Comparative pathology study of Venezuelan, eastern, and western equine encephalitis viruses in non-human primates. <i>Antiviral Research</i> , 2020, 182, 104875.	4.1	12
40	A Multiagent Alphavirus DNA Vaccine Delivered by Intramuscular Electroporation Elicits Robust and Durable Virus-Specific Immune Responses in Mice and Rabbits and Completely Protects Mice against Lethal Venezuelan, Western, and Eastern Equine Encephalitis Virus Aerosol Challenges. <i>Journal of Immunology Research</i> , 2018, 2018, 1-15.	2.2	11
41	Development of a bead-based immunoassay using virus-like particles for detection of alphaviral humoral response. <i>Journal of Virological Methods</i> , 2019, 270, 12-17.	2.1	11
42	Epitope mapping of Ebola virus dominant and subdominant glycoprotein epitopes facilitates construction of an epitope-based DNA vaccine able to focus the antibody response in mice. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2883-2893.	3.3	10
43	Human Polyclonal Antibodies Produced by Transchromosomal Cattle Provide Partial Protection Against Lethal Zaire Ebolavirus Challenge in Rhesus Macaques. <i>Journal of Infectious Diseases</i> , 2018, 218, S658-S661.	4.0	10
44	Phosphoproteomic analysis reveals Smad protein family activation following Rift Valley fever virus infection. <i>PLoS ONE</i> , 2018, 13, e0191983.	2.5	10
45	Multivalent DNA Vaccines as a Strategy to Combat Multiple Concurrent Epidemics: Mosquito-Borne and Hemorrhagic Fever Viruses. <i>Viruses</i> , 2021, 13, 382.	3.3	9
46	The genetic adjuvant IL-12 enhances the protective efficacy of a DNA vaccine for Venezuelan equine encephalitis virus delivered by intramuscular injection in mice. <i>Antiviral Research</i> , 2018, 159, 113-121.	4.1	8
47	The Genetic Adjuvants Interleukin-12 and Granulocyte-Macrophage Colony Stimulating Factor Enhance the Immunogenicity of an Ebola Virus Deoxyribonucleic Acid Vaccine in Mice. <i>Journal of Infectious Diseases</i> , 2018, 218, S519-S527.	4.0	8
48	Combinatorial peptide-based epitope mapping from Ebola virus DNA vaccines and infections reveals residue-level determinants of antibody binding. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2953-2966.	3.3	4
49	Editorial overview: Lassa virus. <i>Current Opinion in Virology</i> , 2019, 37, vii-ix.	5.4	2
50	Future Approaches to DNA Vaccination Against Hemorrhagic Fever Viruses. <i>Methods in Molecular Biology</i> , 2018, 1604, 339-348.	0.9	1
51	Protocols to Assess Coagulation Following In Vitro Infection with Hemorrhagic Fever Viruses. <i>Methods in Molecular Biology</i> , 2018, 1604, 405-417.	0.9	1