

# Simon Barratt Boyes

## List of Publications by Citations

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54  
papers

2,611  
citations

25  
h-index

51  
g-index

56  
ext. papers

2,889  
ext. citations

5.9  
avg, IF

4.66  
L-index

#	Paper	IF	Citations
54	Dendritic cells acquire antigens from live cells for cross-presentation to CTL. <i>Journal of Immunology</i> , <b>2001</b> , 166, 3717-23	5.3	263
53	Human infection with highly pathogenic H5N1 influenza virus. <i>Lancet, The</i> , <b>2008</b> , 371, 1464-75	4.0	239
52	Effects of a SARS-associated coronavirus vaccine in monkeys. <i>Lancet, The</i> , <b>2003</b> , 362, 1895-6	4.0	230
51	Protection of mice and poultry from lethal H5N1 avian influenza virus through adenovirus-based immunization. <i>Journal of Virology</i> , <b>2006</b> , 80, 1959-64	6.6	226
50	A role for class A scavenger receptor in dendritic cell nibbling from live cells. <i>Journal of Immunology</i> , <b>2003</b> , 170, 2302-9	5.3	150
49	Maturation and trafficking of monocyte-derived dendritic cells in monkeys: implications for dendritic cell-based vaccines. <i>Journal of Immunology</i> , <b>2000</b> , 164, 2487-95	5.3	138
48	Rapid influx and death of plasmacytoid dendritic cells in lymph nodes mediate depletion in acute simian immunodeficiency virus infection. <i>PLoS Pathogens</i> , <b>2009</b> , 5, e1000413	7.6	110
47	Dendritic cell subsets in blood and lymphoid tissue of rhesus monkeys and their mobilization with Flt3 ligand. <i>Blood</i> , <b>2003</b> , 102, 2513-21	2.2	108
46	Parallel loss of myeloid and plasmacytoid dendritic cells from blood and lymphoid tissue in simian AIDS. <i>Journal of Immunology</i> , <b>2007</b> , 178, 6958-67	5.3	104
45	Dynamics of viral spread in bluetongue virus infected calves. <i>Veterinary Microbiology</i> , <b>1994</b> , 40, 361-71	3.3	71
44	Association between magnitude of the virus-specific plasmablast response and disease severity in dengue patients. <i>Journal of Immunology</i> , <b>2013</b> , 190, 80-7	5.3	62
43	Making the most of mucin: a novel target for tumor immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>1996</b> , 43, 142-51	7.4	62
42	Dendritic cells: tools and targets for transplant tolerance. <i>American Journal of Transplantation</i> , <b>2005</b> , 5, 2807-13	8.7	56
41	Enemy at the gates: dendritic cells and immunity to mucosal pathogens. <i>Cell Research</i> , <b>2010</b> , 20, 872-85	24.7	53
40	Blocking TLR7- and TLR9-mediated IFN- $\gamma$ production by plasmacytoid dendritic cells does not diminish immune activation in early SIV infection. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003530	7.6	47
39	Adenovirus-transduced dendritic cells injected into skin or lymph node prime potent simian immunodeficiency virus-specific T cell immunity in monkeys. <i>Journal of Immunology</i> , <b>2003</b> , 171, 6875-82	5.3	44
38	Disrupted homeostasis of Langerhans cells and interdigitating dendritic cells in monkeys with AIDS. <i>Blood</i> , <b>2002</b> , 99, 2859-68	2.2	43

37	Early myeloid dendritic cell dysregulation is predictive of disease progression in simian immunodeficiency virus infection. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1001235	7.6	37
36	Chemokine and cytokine mediated loss of regulatory T cells in lymph nodes during pathogenic simian immunodeficiency virus infection. <i>Journal of Immunology</i> , <b>2008</b> , 180, 5530-6	5.3	34
35	Broad cellular immunity with robust memory responses to simian immunodeficiency virus following serial vaccination with adenovirus 5- and 35-based vectors. <i>Journal of General Virology</i> , <b>2006</b> , 87, 139-149	4.9	34
34	Surface phenotype and rapid quantification of blood dendritic cell subsets in the rhesus macaque. <i>Journal of Medical Primatology</i> , <b>2009</b> , 38, 272-8	0.7	32
33	Widespread Virus Replication in Alveoli Drives Acute Respiratory Distress Syndrome in Aerosolized H5N1 Influenza Infection of Macaques. <i>Journal of Immunology</i> , <b>2017</b> , 198, 1616-1626	5.3	29
32	Robust CD4+ and CD8+ T cell responses to SIV using mRNA-transfected DC expressing autologous viral Ag. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 2164-73	6.1	29
31	Emerging concepts in dengue pathogenesis: interplay between plasmablasts, platelets, and complement in triggering vasculopathy. <i>Critical Reviews in Immunology</i> , <b>2014</b> , 34, 227-40	1.8	27
30	Response of the regional lymph node to bluetongue virus infection in calves. <i>Veterinary Immunology and Immunopathology</i> , <b>1995</b> , 45, 73-84	2	25
29	Interplay between Keratinocytes and Myeloid Cells Drives Dengue Virus Spread in Human Skin. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 618-626	4.3	24
28	In acute pathogenic SIV infection plasmacytoid dendritic cells are depleted from blood and lymph nodes despite mobilization. <i>Journal of Medical Primatology</i> , <b>2010</b> , 39, 235-42	0.7	23
27	Preclinical evaluation of a zinc finger inhibitor targeting lentivirus nucleocapsid protein in SIV-infected monkeys. <i>Current HIV Research</i> , <b>2006</b> , 4, 379-86	1.3	20
26	High-level antigen expression and sustained antigen presentation in dendritic cells nucleofected with wild-type viral mRNA but not DNA. <i>Vaccine Journal</i> , <b>2008</b> , 15, 1337-44		19
25	Growth factor-induced mobilization of dendritic cells in kidney and liver of rhesus macaques: implications for transplantation. <i>Transplantation</i> , <b>2007</b> , 83, 656-62	1.8	17
24	Current issues in delivering DCs for immunotherapy. <i>Cytotherapy</i> , <b>2004</b> , 6, 105-10	4.8	17
23	Strategies for preclinical evaluation of dendritic cell subsets for promotion of transplant tolerance in the nonhuman primate. <i>Human Immunology</i> , <b>2002</b> , 63, 955-65	2.3	17
22	C1q binding to dengue virus decreases levels of infection and inflammatory molecules transcription in THP-1 cells. <i>Virus Research</i> , <b>2014</b> , 179, 231-4	6.4	16
21	Adenovirus 5- and 35-based immunotherapy enhances the strength but not breadth or quality of immunity during chronic SIV infection. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 2437-49	6.1	16
20	Macrophages and Myeloid Dendritic Cells Lose T Cell-Stimulating Function in Simian Immunodeficiency Virus Infection Associated with Diminished IL-12 and IFN- $\gamma$ Production. <i>Journal of Immunology</i> , <b>2015</b> , 195, 3284-92	5.3	15

19	Virus-encoded TLR ligands reveal divergent functional responses of mononuclear phagocytes in pathogenic simian immunodeficiency virus infection. <i>Journal of Immunology</i> , <b>2013</b> , 190, 2188-98	5.3	15
18	Changes in dendritic cell migration and activation during SIV infection suggest a role in initial viral spread and eventual immunosuppression. <i>Journal of Medical Primatology</i> , <b>2002</b> , 31, 186-93	0.7	15
17	Peripheral Blood Biomarkers of Disease Outcome in a Monkey Model of Rift Valley Fever Encephalitis. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	14
16	Massive mobilization of dendritic cells during influenza A virus subtype H5N1 infection of nonhuman primates. <i>Journal of Infectious Diseases</i> , <b>2014</b> , 209, 2012-6	7	13
15	Dissecting the role of dendritic cells in simian immunodeficiency virus infection and AIDS. <i>Immunologic Research</i> , <b>2011</b> , 50, 228-34	4.3	13
14	Persistent accumulation of gut macrophages with impaired phagocytic function correlates with SIV disease progression in macaques. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1925-1935	6.1	12
13	Migration of cultured chimpanzee dendritic cells following intravenous and subcutaneous injection. <i>Advances in Experimental Medicine and Biology</i> , <b>1997</b> , 417, 71-5	3.6	12
12	Macrophage accumulation in gut mucosa differentiates AIDS from chronic SIV infection in rhesus macaques. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 446-54	6.1	11
11	Understanding and exploiting dendritic cells in human immunodeficiency virus infection using the nonhuman primate model. <i>Immunologic Research</i> , <b>2006</b> , 36, 265-74	4.3	10
10	Reciprocal immune enhancement of dengue and Zika virus infection in human skin. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	10
9	Plasmacytoid dendritic cell depletion leads to an enhanced mononuclear phagocyte response in lungs of mice with lethal influenza virus infection. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , <b>2012</b> , 35, 309-17	2.6	9
8	Accumulation of functionally immature myeloid dendritic cells in lymph nodes of rhesus macaques with acute pathogenic simian immunodeficiency virus infection. <i>Immunology</i> , <b>2014</b> , 143, 146-54	7.8	8
7	Studies of plasmacytoid dendritic cell dynamics in simian immunodeficiency virus infection of nonhuman primates provide insights into HIV pathogenesis. <i>Current HIV Research</i> , <b>2009</b> , 7, 23-9	1.3	8
6	A divergent myeloid dendritic cell response at virus set-point predicts disease outcome in SIV-infected rhesus macaques. <i>Journal of Medical Primatology</i> , <b>2011</b> , 40, 206-13	0.7	7
5	Balb/c EGFP mice are tolerant against immunization utilizing recombinant adenoviral-based vectors encoding EGFP: a novel model for the study of tolerance mechanisms and vaccine efficacy. <i>Molecular Immunology</i> , <b>2010</b> , 47, 1149-53	4.3	7
4	A dendrite in every pie: myeloid dendritic cells in HIV and SIV infection. <i>Virulence</i> , <b>2012</b> , 3, 647-53	4.7	5
3	SIV infection of rhesus macaques differentially impacts mononuclear phagocyte responses to virus-derived TLR agonists. <i>Journal of Medical Primatology</i> , <b>2013</b> , 42, 247-53	0.7	3
2	Tissue-specific transcriptional profiling of plasmacytoid dendritic cells reveals a hyperactivated state in chronic SIV infection. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009674	7.6	1

- 1 Infiltration of inflammatory macrophages and neutrophils and widespread pyroptosis in lung drive influenza lethality in nonhuman primates.. *PLoS Pathogens*, **2022**, 18, e1010395 7.6 ○