

# Dan R Littman

## List of Publications by Year in descending order

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256  
papers

100,477  
citations

281

140  
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632

257  
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269  
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269  
docs citations

269  
times ranked

81075  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Orphan Nuclear Receptor ROR $\gamma$ t Directs the Differentiation Program of Proinflammatory IL-17+ T Helper Cells. <i>Cell</i> , 2006, 126, 1121-1133.	28.9	4,470
2	Induction of Intestinal Th17 Cells by Segmented Filamentous Bacteria. <i>Cell</i> , 2009, 139, 485-498.	28.9	3,818
3	Identification of a major co-receptor for primary isolates of HIV-1. <i>Nature</i> , 1996, 381, 661-666.	27.8	3,667
4	Interactions Between the Microbiota and the Immune System. <i>Science</i> , 2012, 336, 1268-1273.	12.6	3,422
5	ATP mediates rapid microglial response to local brain injury in vivo. <i>Nature Neuroscience</i> , 2005, 8, 752-758.	14.8	3,272
6	Blood Monocytes Consist of Two Principal Subsets with Distinct Migratory Properties. <i>Immunity</i> , 2003, 19, 71-82.	14.3	2,947
7	Analysis of Fractalkine Receptor CX <sub>3</sub> CR1 Function by Targeted Deletion and Green Fluorescent Protein Reporter Gene Insertion. <i>Molecular and Cellular Biology</i> , 2000, 20, 4106-4114.	2.3	2,319
8	Function of the chemokine receptor CXCR4 in haematopoiesis and in cerebellar development. <i>Nature</i> , 1998, 393, 595-599.	27.8	2,303
9	DC-SIGN, a Dendritic Cell-Specific HIV-1-Binding Protein that Enhances trans-Infection of T Cells. <i>Cell</i> , 2000, 100, 587-597.	28.9	2,214
10	Signal transduction by lymphocyte antigen receptors. <i>Cell</i> , 1994, 76, 263-274.	28.9	2,108
11	Microglia Promote Learning-Dependent Synapse Formation through Brain-Derived Neurotrophic Factor. <i>Cell</i> , 2013, 155, 1596-1609.	28.9	2,013
12	IL-6 programs TH-17 cell differentiation by promoting sequential engagement of the IL-21 and IL-23 pathways. <i>Nature Immunology</i> , 2007, 8, 967-974.	14.5	1,873
13	TGF- $\beta$ -induced Foxp3 inhibits TH17 cell differentiation by antagonizing ROR $\gamma$ t function. <i>Nature</i> , 2008, 453, 236-240.	27.8	1,649
14	In Vivo Depletion of CD11c+ Dendritic Cells Abrogates Priming of CD8+ T Cells by Exogenous Cell-Associated Antigens. <i>Immunity</i> , 2002, 17, 211-220.	14.3	1,579
15	Expansion of intestinal <i>Prevotella copri</i> correlates with enhanced susceptibility to arthritis. <i>ELife</i> , 2013, 2, e01202.	6.0	1,507
16	Specific Microbiota Direct the Differentiation of IL-17-Producing T-Helper Cells in the Mucosa of the Small Intestine. <i>Cell Host and Microbe</i> , 2008, 4, 337-349.	11.0	1,495
17	CX <sub>3</sub> CR1-Mediated Dendritic Cell Access to the Intestinal Lumen and Bacterial Clearance. <i>Science</i> , 2005, 307, 254-258.	12.6	1,449
18	The differentiation of human TH-17 cells requires transforming growth factor- $\beta$ and induction of the nuclear receptor ROR $\gamma$ t. <i>Nature Immunology</i> , 2008, 9, 641-649.	14.5	1,426

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19	Gut-Residing Segmented Filamentous Bacteria Drive Autoimmune Arthritis via T Helper 17 Cells. <i>Immunity</i> , 2010, 32, 815-827.	14.3	1,391
20	The microbiota in adaptive immune homeostasis and disease. <i>Nature</i> , 2016, 535, 75-84.	27.8	1,336
21	Control of microglial neurotoxicity by the fractalkine receptor. <i>Nature Neuroscience</i> , 2006, 9, 917-924.	14.8	1,334
22	Plasticity of CD4+ T Cell Lineage Differentiation. <i>Immunity</i> , 2009, 30, 646-655.	14.3	1,306
23	A novel chemokine receptor for SDF-1 and I-TAC involved in cell survival, cell adhesion, and tumor development. <i>Journal of Experimental Medicine</i> , 2006, 203, 2201-2213.	8.5	1,128
24	Sparse and Compositionally Robust Inference of Microbial Ecological Networks. <i>PLoS Computational Biology</i> , 2015, 11, e1004226.	3.2	1,089
25	A Validated Regulatory Network for Th17 Cell Specification. <i>Cell</i> , 2012, 151, 289-303.	28.9	1,010
26	Innate lymphoid cells drive interleukin-23-dependent innate intestinal pathology. <i>Nature</i> , 2010, 464, 1371-1375.	27.8	978
27	Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. <i>Nature Medicine</i> , 2003, 9, 61-67.	30.7	931
28	A Clonogenic Bone Marrow Progenitor Specific for Macrophages and Dendritic Cells. <i>Science</i> , 2006, 311, 83-87.	12.6	924
29	Th17 and Regulatory T Cells in Mediating and Restraining Inflammation. <i>Cell</i> , 2010, 140, 845-858.	28.9	887
30	An essential function for the nuclear receptor ROR $\gamma$ t in the generation of fetal lymphoid tissue inducer cells. <i>Nature Immunology</i> , 2004, 5, 64-73.	14.5	885
31	PKC- $\zeta$ is required for TCR-induced NF- $\kappa$ B activation in mature but not immature T lymphocytes. <i>Nature</i> , 2000, 404, 402-407.	27.8	847
32	The maternal interleukin-17a pathway in mice promotes autism-like phenotypes in offspring. <i>Science</i> , 2016, 351, 933-939.	12.6	844
33	Expression cloning of new receptors used by simian and human immunodeficiency viruses. <i>Nature</i> , 1997, 388, 296-300.	27.8	725
34	Bile acid metabolites control TH17 and Treg cell differentiation. <i>Nature</i> , 2019, 576, 143-148.	27.8	695
35	The Microbiome in Infectious Disease and Inflammation. <i>Annual Review of Immunology</i> , 2012, 30, 759-795.	21.8	688
36	Requirement for ROR $\gamma$ 3 in Thymocyte Survival and Lymphoid Organ Development. <i>Science</i> , 2000, 288, 2369-2373.	12.6	676

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37	Differential Requirements for Runx Proteins in CD4 Repression and Epigenetic Silencing during T Lymphocyte Development. <i>Cell</i> , 2002, 111, 621-633.	28.9	672
38	Lymphoid tissue inducer-like cells are an innate source of IL-17 and IL-22. <i>Journal of Experimental Medicine</i> , 2009, 206, 35-41.	8.5	653
39	Interaction of the unique N-terminal region of tyrosine kinase p56lck with cytoplasmic domains of CD4 and CD8 is mediated by cysteine motifs. <i>Cell</i> , 1990, 60, 755-765.	28.9	646
40	Identification of IL-17-producing FOXP3 <sup>+</sup> regulatory T cells in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4793-4798.	7.1	625
41	Decreased Bacterial Diversity Characterizes the Altered Gut Microbiota in Patients With Psoriatic Arthritis, Resembling Dysbiosis in Inflammatory Bowel Disease. <i>Arthritis and Rheumatology</i> , 2015, 67, 128-139.	5.6	602
42	In vivo evolution of HIV-1 co-receptor usage and sensitivity to chemokine-mediated suppression. <i>Nature Medicine</i> , 1997, 3, 1259-1265.	30.7	595
43	Intravascular Immune Surveillance by CXCR6 <sup>+</sup> NKT Cells Patrolling Liver Sinusoids. <i>PLoS Biology</i> , 2005, 3, e113.	5.6	590
44	A Coordinated Change in Chemokine Responsiveness Guides Plasma Cell Movements. <i>Journal of Experimental Medicine</i> , 2001, 194, 45-56.	8.5	589
45	DICER1 deficit induces Alu RNA toxicity in age-related macular degeneration. <i>Nature</i> , 2011, 471, 325-330.	27.8	573
46	Neuropilin 1 is expressed on thymus-derived natural regulatory T cells, but not mucosa-generated induced Foxp3 <sup>+</sup> T reg cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 1723-1742.	8.5	530
47	Influence of the transcription factor ROR $\gamma$ t on the development of NKp46 <sup>+</sup> cell populations in gut and skin. <i>Nature Immunology</i> , 2009, 10, 75-82.	14.5	507
48	A binding site for the T-cell co-receptor CD8 on the $\alpha$ 3 domain of HLA-A2. <i>Nature</i> , 1990, 345, 41-46.	27.8	504
49	Inflammatory Chemokine Transport and Presentation in HEV. <i>Journal of Experimental Medicine</i> , 2001, 194, 1361-1374.	8.5	504
50	Digoxin and its derivatives suppress TH17 cell differentiation by antagonizing ROR $\gamma$ t activity. <i>Nature</i> , 2011, 472, 486-490.	27.8	494
51	Chemokine Requirements for B Cell Entry to Lymph Nodes and Peyer's Patches. <i>Journal of Experimental Medicine</i> , 2002, 196, 65-75.	8.5	479
52	Maternal gut bacteria promote neurodevelopmental abnormalities in mouse offspring. <i>Nature</i> , 2017, 549, 528-532.	27.8	478
53	DC-SIGN-Mediated Internalization of HIV Is Required for Trans-Enhancement of T Cell Infection. <i>Immunity</i> , 2002, 16, 135-144.	14.3	477
54	An IL-23R/IL-22 Circuit Regulates Epithelial Serum Amyloid A to Promote Local Effector Th17 Responses. <i>Cell</i> , 2015, 163, 381-393.	28.9	474

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55	Role of the Commensal Microbiota in Normal and Pathogenic Host Immune Responses. <i>Cell Host and Microbe</i> , 2011, 10, 311-323.	11.0	458
56	Thymic Origin of Intestinal $\gamma\delta$ T Cells Revealed by Fate Mapping of ROR $\gamma$ <sup>t</sup> Cells. <i>Science</i> , 2004, 305, 248-251.	12.6	457
57	Interleukin 23 Production by Intestinal CD103 <sup>+</sup> CD11b <sup>+</sup> Dendritic Cells in Response to Bacterial Flagellin Enhances Mucosal Innate Immune Defense. <i>Immunity</i> , 2012, 36, 276-287.	14.3	450
58	Focused specificity of intestinal TH17 cells towards commensal bacterial antigens. <i>Nature</i> , 2014, 510, 152-156.	27.8	429
59	Requirement for association of p56lck with CD4 in antigen-specific signal transduction in T cells. <i>Cell</i> , 1991, 64, 511-520.	28.9	424
60	Cell-cell adhesion mediated by CD8 and MHC class I molecules. <i>Nature</i> , 1988, 336, 79-81.	27.8	408
61	Transcriptional regulation of Th17 cell differentiation. <i>Seminars in Immunology</i> , 2007, 19, 409-417.	5.6	408
62	ROR $\gamma$ <sup>3</sup> -Expressing Th17 Cells Induce Murine Chronic Intestinal Inflammation via Redundant Effects of IL-17A and IL-17F. <i>Gastroenterology</i> , 2009, 136, 257-267.	1.3	408
63	Microbiota restricts trafficking of bacteria to mesenteric lymph nodes by CX3CR1 <sup>hi</sup> cells. <i>Nature</i> , 2013, 494, 116-120.	27.8	405
64	Periodontal disease and the oral microbiota in new-onset rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 3083-3094.	6.7	399
65	Cytokine Signals Are Sufficient for HIV-1 Infection of Resting Human T Lymphocytes. <i>Journal of Experimental Medicine</i> , 1999, 189, 1735-1746.	8.5	397
66	A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells. <i>Nature</i> , 2010, 467, 214-217.	27.8	397
67	Flexible Use of Nuclear Import Pathways by HIV-1. <i>Cell Host and Microbe</i> , 2010, 7, 221-233.	11.0	396
68	Requirement for Lymphoid Tissue-Inducer Cells in Isolated Follicle Formation and T Cell-Independent Immunoglobulin A Generation in the Gut. <i>Immunity</i> , 2008, 29, 261-271.	14.3	395
69	Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5. <i>Journal of Experimental Medicine</i> , 1997, 186, 1793-1798.	8.5	383
70	c-MAF-dependent regulatory T cells mediate immunological tolerance to a gut pathobiont. <i>Nature</i> , 2018, 554, 373-377.	27.8	379
71	Requirement for Tec Kinases Rlk and Itk in T Cell Receptor Signaling and Immunity. <i>Science</i> , 1999, 284, 638-641.	12.6	373
72	The RNaseIII enzyme Drosha is critical in T cells for preventing lethal inflammatory disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 2005-2017.	8.5	343

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73	The Role of CXCR4 in Maintaining Peripheral B Cell Compartments and Humoral Immunity. <i>Journal of Experimental Medicine</i> , 2004, 200, 1145-1156.	8.5	341
74	Restoration of lymphoid organ integrity through the interaction of lymphoid tissue-inducer cells with stroma of the T cell zone. <i>Nature Immunology</i> , 2008, 9, 667-675.	14.5	331
75	Maternal retinoids control type 3 innate lymphoid cells and set the offspring immunity. <i>Nature</i> , 2014, 508, 123-127.	27.8	321
76	CX3CR1+ mononuclear phagocytes support colitis-associated innate lymphoid cell production of IL-22. <i>Journal of Experimental Medicine</i> , 2014, 211, 1571-1583.	8.5	320
77	Chemokine Receptors: Keys to AIDS Pathogenesis?. <i>Cell</i> , 1998, 93, 677-680.	28.9	318
78	Opposing Effects of PKC $\delta$ and WASp on Symmetry Breaking and Relocation of the Immunological Synapse. <i>Cell</i> , 2007, 129, 773-785.	28.9	316
79	The envelope glycoprotein of the human immunodeficiency virus binds to the immunoglobulin-like domain of CD4. <i>Nature</i> , 1988, 334, 159-162.	27.8	312
80	Human Immunodeficiency Virus Type 1 Activates Plasmacytoid Dendritic Cells and Concomitantly Induces the Bystander Maturation of Myeloid Dendritic Cells. <i>Journal of Virology</i> , 2004, 78, 5223-5232.	3.4	305
81	Altered T cell receptor signaling and disrupted T cell development in mice lacking <i>Itk</i> . <i>Immunity</i> , 1995, 3, 757-769.	14.3	299
82	A Genomic Regulatory Element That Directs Assembly and Function of Immune-Specific AP-1-IRF Complexes. <i>Science</i> , 2012, 338, 975-980.	12.6	298
83	Impaired NFATc Translocation and Failure of Th2 Development in <i>Itk</i> -Deficient CD4+ T Cells. <i>Immunity</i> , 1999, 11, 399-409.	14.3	294
84	Primary Human Immunodeficiency Virus Type 2 (HIV-2) Isolates, Like HIV-1 Isolates, Frequently Use CCR5 but Show Promiscuity in Coreceptor Usage. <i>Journal of Virology</i> , 1999, 73, 2343-2349.	3.4	292
85	Inactivation of Notch1 in immature thymocytes does not perturb CD4 or CD8 T cell development. <i>Nature Immunology</i> , 2001, 2, 235-241.	14.5	274
86	Protein Kinase C $\delta$ Inhibits Insulin Signaling by Phosphorylating IRS1 at Ser1101. <i>Journal of Biological Chemistry</i> , 2004, 279, 45304-45307.	3.4	274
87	The <i>Prevotella copri</i> Complex Comprises Four Distinct Clades Underrepresented in Westernized Populations. <i>Cell Host and Microbe</i> , 2019, 26, 666-679.e7.	11.0	274
88	The neuronal chemokine CX3CL1/fractalkine selectively recruits NK cells that modify experimental autoimmune encephalomyelitis within the central nervous system. <i>FASEB Journal</i> , 2006, 20, 896-905.	0.5	263
89	The role of the Runx transcription factors in thymocyte differentiation and in homeostasis of naive T cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 1945-1957.	8.5	262
90	GPR15-Mediated Homing Controls Immune Homeostasis in the Large Intestine Mucosa. <i>Science</i> , 2013, 340, 1456-1459.	12.6	251

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91	Novel bile acid biosynthetic pathways are enriched in the microbiome of centenarians. <i>Nature</i> , 2021, 599, 458-464.	27.8	251
92	THE REGULATION OF CD4 AND CD8 CORECEPTOR GENE EXPRESSION DURING T CELL DEVELOPMENT. <i>Annual Review of Immunology</i> , 1999, 17, 523-554.	21.8	243
93	Serum Amyloid A Proteins Induce Pathogenic Th17 Cells and Promote Inflammatory Disease. <i>Cell</i> , 2020, 180, 79-91.e16.	28.9	243
94	Requirement for CARMA1 in Antigen Receptor-Induced NF- $\kappa$ B Activation and Lymphocyte Proliferation. <i>Current Biology</i> , 2003, 13, 1252-1258.	3.9	242
95	Polymorphism in the $\beta$ 3 domain of HLA-A molecules affects binding to CD8. <i>Nature</i> , 1989, 338, 345-347.	27.8	240
96	Genetic Evidence Supporting Selection of the V $\beta$ 14i NKT Cell Lineage from Double-Positive Thymocyte Precursors. <i>Immunity</i> , 2005, 22, 705-716.	14.3	240
97	Reversing behavioural abnormalities in mice exposed to maternal inflammation. <i>Nature</i> , 2017, 549, 482-487.	27.8	240
98	The chemokine KC, but not monocyte chemoattractant protein-1, triggers monocyte arrest on early atherosclerotic endothelium. <i>Journal of Clinical Investigation</i> , 2001, 108, 1307-1314.	8.2	239
99	A kinase-independent function of Lck in potentiating antigen-specific T cell activation. <i>Cell</i> , 1993, 74, 633-643.	28.9	238
100	Short- and long-term effects of oral vancomycin on the human intestinal microbiota. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 128-136.	3.0	233
101	Reciprocal regulation of CD4/CD8 expression by SWI/SNF-like BAF complexes. <i>Nature</i> , 2002, 418, 195-199.	27.8	230
102	Repression of interleukin-4 in T helper type 1 cells by Runx/Cbfb <sup>2</sup> binding to the <i>IL4</i> silencer. <i>Journal of Experimental Medicine</i> , 2007, 204, 1749-1755.	8.5	228
103	Nonredundant Function of Soluble $\text{IL-3}$ Produced by Innate Lymphoid Cells in Intestinal Homeostasis. <i>Science</i> , 2013, 342, 1243-1246.	12.6	227
104	PKC- $\delta$ knockout mice are protected from fat-induced insulin resistance. <i>Journal of Clinical Investigation</i> , 2004, 114, 823-827.	8.2	226
105	Regulation of the TCR $\beta$ repertoire by the survival window of CD4+CD8+ thymocytes. <i>Nature Immunology</i> , 2002, 3, 469-476.	14.5	219
106	Evidence for a stochastic mechanism in the differentiation of mature subsets of T lymphocytes. <i>Cell</i> , 1993, 73, 237-247.	28.9	217
107	CXCL12-Producing Vascular Endothelial Niches Control Acute T Cell Leukemia Maintenance. <i>Cancer Cell</i> , 2015, 27, 755-768.	16.8	216
108	Fusion-Competent Vaccines: Broad Neutralization of Primary Isolates of HIV. <i>Science</i> , 1999, 283, 357-362.	12.6	215

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109	The Primate Lentiviral Receptor Bonzo/STRL33 Is Coordinately Regulated with CCR5 and Its Expression Pattern Is Conserved Between Human and Mouse. <i>Journal of Immunology</i> , 2000, 165, 3284-3292.	0.8	213
110	How Punctual Ablation of Regulatory T Cells Unleashes an Autoimmune Lesion within the Pancreatic Islets. <i>Immunity</i> , 2009, 31, 654-664.	14.3	212
111	Neutralization Profiles of Primary Human Immunodeficiency Virus Type 1 Isolates in the Context of Coreceptor Usage. <i>Journal of Virology</i> , 1998, 72, 6988-6996.	3.4	208
112	A Chemokine, SDF-1, Reduces the Effectiveness of Multiple Axonal Repellents and Is Required for Normal Axon Pathfinding. <i>Journal of Neuroscience</i> , 2003, 23, 1360-1371.	3.6	205
113	Canonical and alternate functions of the microRNA biogenesis machinery. <i>Genes and Development</i> , 2010, 24, 1951-1960.	5.9	203
114	Protein Kinase C $\delta$ Is Critical for the Development of In Vivo T Helper (Th)2 Cell But Not Th1 Cell Responses. <i>Journal of Experimental Medicine</i> , 2004, 200, 181-189.	8.5	200
115	Internalization of the human immunodeficiency virus does not require the cytoplasmic domain of CD4. <i>Nature</i> , 1988, 334, 162-165.	27.8	198
116	CXCR7 influences leukocyte entry into the CNS parenchyma by controlling abluminal CXCL12 abundance during autoimmunity. <i>Journal of Experimental Medicine</i> , 2011, 208, 327-339.	8.5	194
117	Identification of Natural ROR $\gamma$ Ligands that Regulate the Development of Lymphoid Cells. <i>Cell Metabolism</i> , 2015, 21, 286-298.	16.2	193
118	RUNX proteins in transcription factor networks that regulate T-cell lineage choice. <i>Nature Reviews Immunology</i> , 2009, 9, 106-115.	22.7	192
119	Feeding-dependent VIP neuron-ILC3 circuit regulates the intestinal barrier. <i>Nature</i> , 2020, 579, 575-580.	27.8	191
120	Limited tumor infiltration by activated T effector cells restricts the therapeutic activity of regulatory T cell depletion against established melanoma. <i>Journal of Experimental Medicine</i> , 2008, 205, 2125-2138.	8.5	185
121	The role of the nuclear hormone receptor ROR $\gamma$ 1/2 in the development of lymph nodes and Peyer's patches. <i>Immunological Reviews</i> , 2003, 195, 81-90.	6.0	184
122	ThPOK acts late in specification of the helper T cell lineage and suppresses Runx-mediated commitment to the cytotoxic T cell lineage. <i>Nature Immunology</i> , 2008, 9, 1131-1139.	14.5	184
123	Viral receptors of the immunoglobulin superfamily. <i>Cell</i> , 1989, 56, 725-728.	28.9	183
124	Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3+ inducible regulatory T cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 2701-2715.	8.5	183
125	Runx-CBF $\beta$ complexes control expression of the transcription factor Foxp3 in regulatory T cells. <i>Nature Immunology</i> , 2009, 10, 1170-1177.	14.5	181
126	Severe B Cell Deficiency in Mice Lacking the Tec Kinase Family Members Tec and Btk. <i>Journal of Experimental Medicine</i> , 2000, 192, 1611-1624.	8.5	177



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127	CD8 $\hat{I}$ $\pm$ -Mediated Survival and Differentiation of CD8 Memory T Cell Precursors. <i>Science</i> , 2004, 304, 590-593.	12.6	177
128	Role for CXCR6 in Recruitment of Activated CD8+ Lymphocytes to Inflamed Liver. <i>Journal of Immunology</i> , 2005, 174, 277-283.	0.8	176
129	The Genome of Th17 Cell-Inducing Segmented Filamentous Bacteria Reveals Extensive Auxotrophy and Adaptations to the Intestinal Environment. <i>Cell Host and Microbe</i> , 2011, 10, 260-272.	11.0	175
130	Transcriptional regulatory networks in Th17 cell differentiation. <i>Current Opinion in Immunology</i> , 2009, 21, 146-152.	5.5	171
131	Epigenetic silencing of CD4 in T cells committed to the cytotoxic lineage. <i>Nature Genetics</i> , 2001, 29, 332-336.	21.4	170
132	Small molecule inhibitors of $\hat{I}$ $\beta$ : Targeting $\hat{I}$ $\beta$ cells and other applications. <i>European Journal of Immunology</i> , 2012, 42, 2232-2237.	2.9	168
133	Regulation of IL-4 Expression by Activation of Individual Alleles. <i>Immunity</i> , 1998, 9, 217-228.	14.3	164
134	Exclusive and Persistent Use of the Entry Coreceptor CXCR4 by Human Immunodeficiency Virus Type 1 from a Subject Homozygous for $\hat{I}$ $\beta$ 32. <i>Journal of Virology</i> , 1998, 72, 6040-6047.	3.4	163
135	Identification and sequence of a fourth human T cell antigen receptor chain. <i>Nature</i> , 1987, 330, 569-572.	27.8	161
136	Neutralization Sensitivity of Human Immunodeficiency Virus Type 1 Primary Isolates to Antibodies and CD4-Based Reagents Is Independent of Coreceptor Usage. <i>Journal of Virology</i> , 1998, 72, 1876-1885.	3.4	160
137	CXCR4 acts as a costimulator during thymic $\hat{I}$ $\beta$ -selection. <i>Nature Immunology</i> , 2010, 11, 162-170.	14.5	155
138	Modulation of immune homeostasis by commensal bacteria. <i>Current Opinion in Microbiology</i> , 2011, 14, 106-114.	5.1	154
139	DDX5 and its associated lncRNA Rmp modulate TH17 cell effector functions. <i>Nature</i> , 2015, 528, 517-522.	27.8	154
140	Segmented Filamentous Bacteria Provoke Lung Autoimmunity by Inducing Gut-Lung Axis Th17 Cells Expressing Dual TCRs. <i>Cell Host and Microbe</i> , 2017, 22, 697-704.e4.	11.0	150
141	Protein Kinase C $\hat{I}$ $\beta$ II Regulates Akt Phosphorylation on Ser-473 in a Cell Type- and Stimulus-specific Fashion. <i>Journal of Biological Chemistry</i> , 2004, 279, 47720-47725.	3.4	149
142	Critical Role for the Microbiota in CX3CR1+ Intestinal Mononuclear Phagocyte Regulation of Intestinal T $\hat{I}$ Cell Responses. <i>Immunity</i> , 2018, 49, 151-163.e5.	14.3	148
143	Runx1 prevents wasting, myofibrillar disorganization, and autophagy of skeletal muscle. <i>Genes and Development</i> , 2005, 19, 1715-1722.	5.9	143
144	Use of Coreceptors Other Than CCR5 by Non-Syncytium-Inducing Adult and Pediatric Isolates of Human Immunodeficiency Virus Type 1 Is Rare In Vitro. <i>Journal of Virology</i> , 1998, 72, 9337-9344.	3.4	142

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145	Unusual intron in the immunoglobulin domain of the newly isolated murine CD4 (L3T4) gene. <i>Nature</i> , 1987, 325, 453-455.	27.8	130
146	Helper T-cell development in the absence of CD4-p56 lck association. <i>Nature</i> , 1993, 364, 729-732.	27.8	127
147	SIRT1 deacetylates ROR $\gamma$ t and enhances Th17 cell generation. <i>Journal of Experimental Medicine</i> , 2015, 212, 607-617.	8.5	126
148	Drosha regulates neurogenesis by controlling Neurogenin 2 expression independent of microRNAs. <i>Nature Neuroscience</i> , 2012, 15, 962-969.	14.8	117
149	Distinct Polysaccharide Utilization Profiles of Human Intestinal <i>Prevotella copri</i> Isolates. <i>Cell Host and Microbe</i> , 2019, 26, 680-690.e5.	11.0	115
150	Cutting Edge: Organogenesis of Nasal-Associated Lymphoid Tissue (NALT) Occurs Independently of Lymphotoxin- $\beta$ (LT $\beta$ ) and Retinoic Acid Receptor-Related Orphan Receptor- $\beta$ , but the Organization of NALT Is LT $\beta$ Dependent. <i>Journal of Immunology</i> , 2002, 168, 986-990.	0.8	114
151	Runx3 Regulates Integrin $\beta$ E/CD103 and CD4 Expression during Development of CD4 $\beta$ /CD8 $\alpha$ T Cells. <i>Journal of Immunology</i> , 2005, 175, 1694-1705.	0.8	112
152	An Enhancer That Directs Lineage-Specific Expression of CD8 in Positively Selected Thymocytes and Mature T Cells. <i>Immunity</i> , 1997, 7, 537-547.	14.3	111
153	Releasing the Brakes on Cancer Immunotherapy. <i>Cell</i> , 2015, 162, 1186-1190.	28.9	111
154	Evidence for Distinct CD4 Silencer Functions at Different Stages of Thymocyte Differentiation. <i>Molecular Cell</i> , 2002, 10, 1083-1096.	9.7	109
155	Distinct Roles of Brd2 and Brd4 in Potentiating the Transcriptional Program for Th17 Cell Differentiation. <i>Molecular Cell</i> , 2017, 65, 1068-1080.e5.	9.7	108
156	Disruption of T lymphocyte positive and negative selection in mice lacking the CD8 $\beta$ chain. <i>Immunity</i> , 1994, 1, 277-285.	14.3	106
157	Multiple Developmental Stage-Specific Enhancers Regulate CD8 Expression in Developing Thymocytes and in Thymus-Independent T Cells. <i>Immunity</i> , 1998, 9, 485-496.	14.3	105
158	The inducible deletion of Drosha and microRNAs in mature podocytes results in a collapsing glomerulopathy. <i>Kidney International</i> , 2011, 80, 719-730.	5.2	105
159	Characterization of an expressed CDS-associated T $\beta$ -chain reveals C $\beta$ domain polymorphism. <i>Nature</i> , 1987, 326, 85-88.	27.8	104
160	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. <i>Nature Immunology</i> , 2017, 18, 412-421.	14.5	103
161	Protein kinase C $\delta$ : signaling from the center of the T-cell synapse. <i>Current Opinion in Immunology</i> , 2002, 14, 323-330.	5.5	102
162	Stem cell exhaustion due to Runx1 deficiency is prevented by Evi5 activation in leukemogenesis. <i>Blood</i> , 2010, 115, 1610-1620.	1.4	101

#	ARTICLE	IF	CITATIONS
163	Harnessing CD4+ T cell responses in HIV vaccine development. <i>Nature Medicine</i> , 2013, 19, 143-149.	30.7	101
164	CD11 <sup>high</sup> Dendritic Cell Ablation Impairs Lymphopenia-Driven Proliferation of Naive and Memory CD8+ T Cells. <i>Journal of Immunology</i> , 2005, 175, 6428-6435.	0.8	98
165	Apoptotic Signaling through the $\beta_2$ -Adrenergic Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 20726-20733.	3.4	97
166	Progress Toward a Human CD4/CCR5 Transgenic Rat Model for De Novo Infection by Human Immunodeficiency Virus Type 1. <i>Journal of Experimental Medicine</i> , 2002, 195, 719-736.	8.5	97
167	The Chemokine Stromal Cell-Derived Factor-1 Promotes the Survival of Embryonic Retinal Ganglion Cells. <i>Journal of Neuroscience</i> , 2003, 23, 4601-4612.	3.6	91
168	Participation of CD4 coreceptor molecules in T-cell repertoire selection. <i>Nature</i> , 1991, 349, 241-243.	27.8	87
169	Leveraging chromatin accessibility for transcriptional regulatory network inference in T Helper 17 Cells. <i>Genome Research</i> , 2019, 29, 449-463.	5.5	87
170	Actin Dynamics Regulates Dendritic Cell-Mediated Transfer of HIV-1 to T Cells. <i>Cell</i> , 2016, 164, 695-709.	28.9	83
171	PKC $\delta$ Signals Activation versus Tolerance In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 199, 743-752.	8.5	82
172	Mice deficient in the chemokine receptor CXCR4 exhibit impaired limb innervation and myogenesis. <i>Molecular and Cellular Neurosciences</i> , 2005, 30, 494-505.	2.2	80
173	Dynamic MicroRNA Gene Transcription and Processing during T Cell Development. <i>Journal of Immunology</i> , 2012, 188, 3257-3267.	0.8	80
174	Dendritic Cell-Mediated trans -Enhancement of Human Immunodeficiency Virus Type 1 Infectivity Is Independent of DC-SIGN. <i>Journal of Virology</i> , 2007, 81, 2519-2523.	3.4	79
175	Niche-Selective Inhibition of Pathogenic Th17 Cells by Targeting Metabolic Redundancy. <i>Cell</i> , 2020, 182, 641-654.e20.	28.9	77
176	Runx1 Protects Hematopoietic Stem/Progenitor Cells from Oncogenic Insult. <i>Stem Cells</i> , 2007, 25, 2976-2986.	3.2	74
177	Functional and Antigenic Characterization of Human, Rhesus Macaque, Pigtailed Macaque, and Murine DC-SIGN. <i>Journal of Virology</i> , 2001, 75, 10281-10289.	3.4	72
178	The role of the Runx transcription factors in thymocyte differentiation and in homeostasis of naive T cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 1939-1939.	8.5	72
179	Regulation of DNA methylation dictates Cd4 expression during the development of helper and cytotoxic T cell lineages. <i>Nature Immunology</i> , 2015, 16, 746-754.	14.5	72
180	Characterization of Transcriptional Regulatory Networks that Promote and Restrict Identities and Functions of Intestinal Innate Lymphoid Cells. <i>Immunity</i> , 2019, 51, 185-197.e6.	14.3	72

#	ARTICLE	IF	CITATIONS
181	Chemokine receptors in lymphoid organ homeostasis. <i>Current Opinion in Immunology</i> , 1999, 11, 319-325.	5.5	68
182	Caspase-8 and c-FLIPL Associate in Lipid Rafts with NF- $\kappa$ B Adaptors during T Cell Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 19365-19374.	3.4	68
183	Species-Specific Restriction of Apobec3-Mediated Hypermutation. <i>Journal of Virology</i> , 2008, 82, 1305-1313.	3.4	68
184	Hiding in Plain Sight: How HIV Evades Innate Immune Responses. <i>Cell</i> , 2011, 147, 271-274.	28.9	66
185	A <i>Listeria monocytogenes</i> Bacteriocin Can Target the Commensal <i>Prevotella copri</i> and Modulate Intestinal Infection. <i>Cell Host and Microbe</i> , 2019, 26, 691-701.e5.	11.0	66
186	The functional impact of the intestinal microbiome on mucosal immunity and systemic autoimmunity. <i>Current Opinion in Rheumatology</i> , 2015, 27, 381-387.	4.3	65
187	BCR selection and affinity maturation in Peyer's patch germinal centres. <i>Nature</i> , 2020, 582, 421-425.	27.8	65
188	Combined Deletion of CD8 Locus cis-Regulatory Elements Affects Initiation but Not Maintenance of CD8 Expression. <i>Immunity</i> , 2002, 16, 623-634.	14.3	63
189	G protein-coupled receptors in HIV and SIV entry: New perspectives on lentivirus-host interactions and on the utility of animal models. <i>Seminars in Immunology</i> , 1998, 10, 225-236.	5.6	61
190	The SDF-1/CXCR4 pathway and the development of the cerebellar system. <i>European Journal of Neuroscience</i> , 2005, 22, 1831-1839.	2.6	60
191	Epigenetic gene silencing by Runx proteins. <i>Oncogene</i> , 2004, 23, 4341-4345.	5.9	58
192	Epigenetic propagation of CD4 expression is established by the Cd4 proximal enhancer in helper T cells. <i>Genes and Development</i> , 2010, 24, 659-669.	5.9	58
193	NK cell-activating receptors require PKC- $\zeta$ for sustained signaling, transcriptional activation, and IFN- $\gamma$ secretion. <i>Blood</i> , 2008, 112, 4109-4116.	1.4	57
194	Disruption of CD8-dependent negative and positive selection of thymocytes is correlated with a decreased association between CD8 and the protein tyrosine kinase, p56lck. <i>European Journal of Immunology</i> , 1992, 22, 735-743.	2.9	56
195	Identification of Potent and Selective Diphenylpropanamide ROR $\gamma$ 3 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 79-84.	2.8	56
196	Murine T Cells Potently Restrict Human Immunodeficiency Virus Infection. <i>Journal of Virology</i> , 2004, 78, 12537-12547.	3.4	52
197	Impact of the TCR Signal on Regulatory T Cell Homeostasis, Function, and Trafficking. <i>PLoS ONE</i> , 2009, 4, e6580.	2.5	52
198	Generation and Characterization of Ecto-ADP-Ribosyltransferase ART2.1/ART2.2-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2002, 22, 7535-7542.	2.3	51

#	ARTICLE	IF	CITATIONS
199	Natural resistance to HIV?. <i>Nature</i> , 1996, 382, 668-669.	27.8	48
200	I $\kappa$ B Negatively Regulates Induction of $\alpha$ CD4 T Cell Proliferation by CD28 Costimulation. <i>Journal of Experimental Medicine</i> , 1997, 186, 221-228.	8.5	48
201	Attenuation of Acute Graft-versus-Host Disease in the Absence of the Transcription Factor ROR $\gamma$ t. <i>Journal of Immunology</i> , 2012, 189, 1765-1772.	0.8	48
202	Deciphering the regulatory landscape of fetal and adult T $\beta$ 1 T $\alpha$ cell development at single-cell resolution. <i>EMBO Journal</i> , 2020, 39, e104159.	7.8	48
203	Neutralizing Antibodies in Sera from Macaques Immunized with Attenuated Simian Immunodeficiency Virus. <i>Journal of Virology</i> , 1998, 72, 6950-6955.	3.4	45
204	Myd88 Is Required for an Antibody Response to Retroviral Infection. <i>PLoS Pathogens</i> , 2009, 5, e1000298.	4.7	44
205	Microbiota: Host Interactions in Mucosal Homeostasis and Systemic Autoimmunity. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 193-201.	1.1	43
206	Thymocyte lineage commitment: is it instructed to stochastic?. <i>Current Opinion in Immunology</i> , 1994, 6, 266-272.	5.5	42
207	The CD4 $\beta$ 28 Lineage Choice: New Insights into Epigenetic Regulation during T Cell Development. <i>Advances in Immunology</i> , 2004, 83, 55-89.	2.2	41
208	Lineage Diversion of T Cell Receptor Transgenic Thymocytes Revealed by Lineage Fate Mapping. <i>PLoS ONE</i> , 2008, 3, e1512.	2.5	40
209	After Hrs with HIV. <i>Journal of Cell Biology</i> , 2003, 162, 371-375.	5.2	38
210	CD4-Specific Transgenic Expression of Human Cyclin T1 Markedly Increases Human Immunodeficiency Virus Type 1 (HIV-1) Production by CD4 + T Lymphocytes and Myeloid Cells in Mice Transgenic for a Provirus Encoding a Monocyte-Tropic HIV-1 Isolate. <i>Journal of Virology</i> , 2006, 80, 1850-1862.	3.4	38
211	Nramp1 expression by dendritic cells modulates inflammatory responses during <i>Salmonella</i> Typhimurium infection. <i>Cellular Microbiology</i> , 2008, 10, 1646-1661.	2.1	38
212	Nonequivalent effects of PKC activation by PMA on murine CD4 and CD8 cell surface expression. <i>FASEB Journal</i> , 1988, 2, 2801-2806.	0.5	36
213	miRNAs Are Essential for the Regulation of the PI3K/AKT/FOXO Pathway and Receptor Editing during B $\alpha$ Cell Maturation. <i>Cell Reports</i> , 2016, 17, 2271-2285.	6.4	34
214	Reshaping of the Dendritic Cell Chromatin Landscape and Interferon Pathways during HIV Infection. <i>Cell Host and Microbe</i> , 2018, 23, 366-381.e9.	11.0	34
215	Functional and Molecular Analysis of the Double-Positive Stage-Specific CD8 Enhancer E8III during Thymocyte Development. <i>Journal of Immunology</i> , 2005, 174, 1513-1524.	0.8	33
216	Transcription factor AP4 modulates reversible and epigenetic silencing of the Cd4 gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14873-14878.	7.1	33

#	ARTICLE	IF	CITATIONS
217	RUNX Transcription Factor-Mediated Association of Cd4 and Cd8 Enables Coordinate Gene Regulation. <i>Immunity</i> , 2011, 34, 303-314.	14.3	32
218	Coreceptor Specificity of Temporal Variants of Simian Immunodeficiency Virus Mne. <i>Journal of Virology</i> , 1999, 73, 1655-1660.	3.4	32
219	Mice Transgenic for CD4-Specific Human CD4, CCR5 and Cyclin T1 Expression: A New Model for Investigating HIV-1 Transmission and Treatment Efficacy. <i>PLoS ONE</i> , 2013, 8, e63537.	2.5	31
220	Inhibition of thymocyte negative selection by T cell receptor antagonist peptides. <i>European Journal of Immunology</i> , 1996, 26, 532-538.	2.9	30
221	Relief of Preintegration Inhibition and Characterization of Additional Blocks for HIV Replication in Primary Mouse T Cells. <i>PLoS ONE</i> , 2008, 3, e2035.	2.5	30
222	Heritable Gene Regulation in the CD4:CD8 T Cell Lineage Choice. <i>Frontiers in Immunology</i> , 2017, 8, 291.	4.8	29
223	Stage-specific epigenetic regulation of CD4 expression by coordinated enhancer elements during T cell development. <i>Nature Communications</i> , 2018, 9, 3594.	12.8	29
224	HIV: master of the host cell. <i>Genome Biology</i> , 2001, 2, reviews1030.1.	9.6	28
225	The histone chaperone CAF-1 cooperates with the DNA methyltransferases to maintain <i>Cd4</i> silencing in cytotoxic T cells. <i>Genes and Development</i> , 2019, 33, 669-683.	5.9	27
226	c-MAF-dependent perivascular macrophages regulate diet-induced metabolic syndrome. <i>Science Immunology</i> , 2021, 6, eabg7506.	11.9	27
227	Disrupting Hepatocyte Cyp51 from Cholesterol Synthesis Leads to Progressive Liver Injury in the Developing Mouse and Decreases RORC Signalling. <i>Scientific Reports</i> , 2017, 7, 40775.	3.3	26
228	Itk and Fyn Make Independent Contributions to T Cell Activation. <i>Journal of Experimental Medicine</i> , 1997, 186, 2069-2073.	8.5	25
229	HIV's Vagina Travelogue. <i>Immunity</i> , 2007, 26, 145-147.	14.3	22
230	HIV immunology needs a new direction. <i>Nature</i> , 2008, 455, 591-591.	27.8	22
231	Human cyclin T1 expression ameliorates a T-cell-specific transcriptional limitation for HIV in transgenic rats, but is not sufficient for a spreading infection of prototypic R5 HIV-1 strains ex vivo. <i>Retrovirology</i> , 2009, 6, 2.	2.0	21
232	Redundant cytokine requirement for intestinal microbiota-induced Th17 cell differentiation in draining lymph nodes. <i>Cell Reports</i> , 2021, 36, 109608.	6.4	21
233	Arkadia-SKI/SnoN signaling differentially regulates TGF- $\beta$ -induced iTreg and Th17 cell differentiation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	18
234	Do the Microbiota Influence Vaccines and Protective Immunity to Pathogens?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a029355.	5.5	17

#	ARTICLE	IF	CITATIONS
235	Immunodeficiency Viruses: Not enough sans Nef. <i>Current Biology</i> , 1994, 4, 618-620.	3.9	16
236	Visualization of mucosal homeostasis via single- and multiphoton intravital fluorescence microscopy. <i>Journal of Leukocyte Biology</i> , 2012, 92, 413-419.	3.3	15
237	A Comprehensive Map of the Monocyte-Derived Dendritic Cell Transcriptional Network Engaged upon Innate Sensing of HIV. <i>Cell Reports</i> , 2020, 30, 914-931.e9.	6.4	15
238	The Kinase-dependent Function of Lck in T-Cell Activation Requires an Intact Site for Tyrosine Autophosphorylation. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 99-116.	3.8	12
239	Lung eosinophils elicited during allergic and acute aspergillosis express ROR $\gamma$ t and IL-23R but do not require IL-23 for IL-17 production. <i>PLoS Pathogens</i> , 2021, 17, e1009891.	4.7	12
240	IMMUNOLOGY: Asymmetry and Immune Memory. <i>Science</i> , 2007, 315, 1673-1674.	12.6	9
241	Regulated Movement of CD4 In and Out of the Immunological Synapse. <i>Journal of Immunology</i> , 2008, 181, 8248-8257.	0.8	9
242	How Thymocytes Achieve Their Fate. <i>Journal of Immunology</i> , 2016, 196, 1983-1984.	0.8	9
243	SPNS2 enables T $\gamma$ cell egress from lymph nodes during an immune response. <i>Cell Reports</i> , 2021, 36, 109368.	6.4	9
244	Response to Comment on "Thymic Origin of Intestinal $\gamma$ T Cells Revealed by Fate Mapping of ROR $\gamma$ t+ Cells". <i>Science</i> , 2005, 308, 1553b-1553b.	12.6	7
245	Regulation of ROR $\gamma$ t in Inflammatory Lymphoid Cell Differentiation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2015, 80, 257-263.	1.1	7
246	Human GLI-2 Is a Tat Activation Response Element-Independent Tat Cofactor. <i>Journal of Virology</i> , 2001, 75, 2314-2323.	3.4	6
247	Tcf1 and Lef1 pack their own HDAC. <i>Nature Immunology</i> , 2016, 17, 615-616.	14.5	6
248	Selection and Lineage Specification in the Thymus: Commitment 4-Stalled. <i>Immunity</i> , 2005, 23, 4-5.	14.3	4
249	CD4 expression in effector T cells depends on DNA demethylation over a developmentally established stimulus-responsive element. <i>Nature Communications</i> , 2022, 13, 1477.	12.8	4
250	Immune cell control of nutrient absorption. <i>Science</i> , 2021, 371, 1202-1203.	12.6	3
251	A rare intestinal infection with systemic effects. <i>Gastroenterology and Hepatology</i> , 2012, 8, 60-3.	0.1	1
252	Arrangements and Rearrangements of the Human T-cell Receptor Gamma Gene. <i>Annals of the New York Academy of Sciences</i> , 1987, 511, 232-245.	3.8	0

#	ARTICLE	IF	CITATIONS
253	From the Thymus to the Mucosa: A Three-Decade Journey. <i>Journal of Immunology</i> , 2017, 199, 2183-2187.	0.8	0
254	IL-17 is Required for CD4-Mediated Graft-Versus-Host Disease. <i>FASEB Journal</i> , 2008, 22, .	0.5	0
255	Attenuated Acute Graft-Versus-Host Disease Following Allogeneic Stem Cell Transplantation In the Absence of ROR $\gamma$ t. <i>Blood</i> , 2010, 116, 3742-3742.	1.4	0
256	Quantitative Measurements of HIV-1 and Dextran Capture by Human Monocyte-derived Dendritic Cells (MDDCs). <i>Bio-protocol</i> , 2016, 6, .	0.4	0