

Supplemental Table 1. The analytic consequence of 100 keywords with at least 50 occurrence times

ID	Keywords	Cluster	Links	Occurrences	Average appearing years (AAY)	Average citations
1	activation	1	99	319	2011.0	34.98
2	activity	1	99	225	2010.5	31.84
3	administration	1	98	137	2011.0	25.97
4	admission	2	82	67	2012.3	24.25
5	age	2	89	69	2012.2	35.55
6	animal	1	97	127	2008.1	35.00
7	antibody	3	99	96	2009.4	55.18
8	apoptosis	3	98	142	2010.9	35.95
9	association	2	95	74	2012.7	30.58
10	beta	1	99	126	2010.5	34.70
11	blood	2	99	184	2011.0	26.53
12	c reactive protein	2	80	56	2012.4	25.84
13	cd4	3	98	95	2012.6	39.86
14	cecal ligation	1	96	254	2011.8	35.72
15	change	2	99	192	2011.6	25.05
16	clp	1	97	191	2011.7	28.77
17	comparison	2	98	64	2011.0	28.70
18	concentration	2	99	140	2010.2	35.71
19	contrast	1	99	111	2008.7	36.99
20	control	2	99	195	2010.4	30.76
21	day	2	99	219	2011.6	29.12
22	death	2	99	166	2012.4	49.04
23	dendritic cell	3	94	72	2011.6	30.42

24	diagnosis	2	93	96	2013.3	17.65
25	difference	2	99	128	2010.7	34.01
26	effect	1	99	400	2010.9	36.45
27	endotoxemia	1	96	136	2009.2	35.22
28	endotoxin	1	95	73	2007.3	43.44
29	enzyme	2	99	60	2010.7	22.82
30	flow cytometry	2	99	149	2011.9	25.35
31	group	2	99	268	2011.1	29.43
32	healthy control	2	93	89	2011.4	27.00
33	healthy volunteer	2	90	66	2009.8	31.00
34	ifn gamma	3	96	66	2011.0	29.41
35	ill patient	2	98	61	2011.5	53.59
36	immunosuppression	3	99	167	2013.3	39.14
37	induction	1	97	116	2010.7	36.39
38	inflammation	1	99	185	2012.6	38.17
39	inhibition	1	98	121	2010.4	38.24
40	innate immune response	1	98	65	2011.0	54.82
41	intensive care unit	2	97	123	2011.2	46.50
42	intervention	2	99	82	2010.0	47.89
43	lipopolysaccharide	1	99	161	2010.4	38.40
44	liver	1	90	64	2010.4	27.34
45	loss	3	97	76	2010.6	54.43
46	lps	1	99	230	2010.7	34.97
47	lung	1	94	120	2009.8	47.39
48	lymphocyte	3	98	109	2011.2	29.33
49	macrophage	1	99	239	2011.3	33.39

50	main result	2	97	61	2010.0	47.87
51	marker	2	99	165	2012.5	28.39
52	measurement	2	99	120	2009.5	45.40
53	mechanism	1	99	308	2011.4	40.49
54	mice	1	89	65	2012.2	21.71
55	model	1	99	291	2012.0	27.41
56	monocyte	2	99	169	2009.8	31.85
57	mortality	2	99	297	2012.6	35.20
58	mouse	1	97	435	2011.5	36.16
59	mouse model	1	92	65	2013.4	21.28
60	onset	2	99	73	2011.1	30.81
61	outcome	2	99	190	2011.9	29.21
62	part	3	97	57	2010.5	39.54
63	pathway	1	99	151	2012.4	32.24
64	patient	2	99	519	2011.4	33.61
65	percentage	2	99	87	2011.4	30.28
66	polymicrobial sepsis	1	92	106	2010.9	33.12
67	presence	2	99	84	2010.7	27.92
68	present study	1	99	111	2010.8	25.77
69	production	1	99	299	2010.7	37.32
70	puncture	1	97	266	2011.8	34.50
71	rat	1	92	70	2007.5	23.17
72	reduction	1	98	89	2010.2	47.02
73	regulation	1	99	142	2010.4	30.80
74	regulatory t cell	3	97	63	2014.0	22.78
75	release	1	97	119	2010.0	30.42

76	role	1	99	481	2011.3	32.00
77	sepsis patient	2	95	65	2013.6	25.69
78	septic mouse	3	93	86	2013.4	23.91
79	septic patient	2	99	183	2011.0	30.98
80	septic shock	2	99	223	2010.7	40.76
81	severe sepsis	2	99	174	2010.6	40.25
82	severity	2	99	119	2011.2	27.38
83	specificity	2	80	61	2012.6	24.72
84	stimulation	1	99	124	2011.1	28.23
85	study	2	99	624	2011.5	30.94
86	survival	1	99	234	2011.6	33.82
87	survivor	2	96	82	2012.4	25.77
88	systemic inflammation	1	98	66	2012.0	26.09
89	systemic inflammatory response	1	98	65	2011.5	34.37
90	systemic inflammatory response syndrome	2	92	63	2011.5	26.03
91	t cell	3	99	185	2012.7	28.10
92	time	2	99	117	2010.9	38.15
93	tnf	1	96	62	2009.7	54.40
94	tnf alpha	1	99	152	2010.0	41.84
95	toll	1	97	82	2011.1	57.33
96	treatment	1	99	284	2011.4	34.91
97	tumor necrosis factor alpha	1	97	59	2009.3	37.92
98	vitro	1	98	119	2010.5	33.95
99	vivo	1	93	60	2012.0	35.20
100	wild type	1	89	58	2010.5	37.50
