Dario Simes Zamboni

List of Publications by Year in Descending Order

139 papers	6,582 citations	42 h-index	77 g-index
157 ext. papers	8,348 ext. citations	7.7 avg, IF	5.86 L-index

#	Paper	IF	Citations
139	COVID-19 bimodal clinical and pathological phenotypes.. *Clinical and Translational Medicine*, **2022**, 12, e648	5.7	0
138	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. *Vascular Pharmacology*, **2021**, 142, 106946	5.9	4
137	Keeping the host alive - lessons from obligate intracellular bacterial pathogens. *Pathogens and Disease*, **2021**, 79,	4.2	1
136	Inflammasomes are activated in response to SARS-CoV-2 infection and are associated with COVID-19 severity in patients. *Journal of Experimental Medicine*, **2021**, 218,	16.6	273
135	Protein methyltransferase 7 deficiency in Leishmania major increases neutrophil associated pathology in murine model. *PLoS Neglected Tropical Diseases*, **2021**, 15, e0009230	4.8	4
134	Dietary Fiber Drives IL-1Dependent Peritonitis Induced by via Activation of the NLRP3 Inflammasome. *Journal of Immunology*, **2021**, 206, 2441-2452	5.3	
133	Role of the transcriptional regulator SP140 in resistance to bacterial infections via repression of type I interferons. *ELife*, **2021**, 10,	8.9	8
132	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. *Life Sciences*, **2021**, 276, 119376	6.8	15
131	Inflammasome Activation by CD8 T Cells from Patients with Cutaneous Leishmaniasis Caused by Leishmania braziliensis in the Immunopathogenesis of the Disease. *Journal of Investigative Dermatology*, **2021**, 141, 209-213.e2	4.3	5
130	Sepsis-induced immunosuppression is marked by an expansion of a highly suppressive repertoire of FOXP3 +T regulatory cells-expressing TIGIT. *Journal of Infectious Diseases*, **2021**,	7	1
129	Beneficial effects of colchicine for moderate to severe COVID-19: a randomised, double-blinded, placebo-controlled clinical trial. *RMD Open*, **2021**, 7,	5.9	102
128	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. *Blood*, **2021**,	2.2	15
127	Chikungunya Virus Exposure Partially Cross-Protects against Mayaro Virus Infection in Mice. *Journal of Virology*, **2021**, 95, e0112221	6.6	1
126	Sepsis expands a CD39 plasmablast population that promotes immunosuppression via adenosine-mediated inhibition of macrophage antimicrobial activity. *Immunity*, **2021**, 54, 2024-2041.e8	32.3	8
125	Endosymbiotic RNA virus inhibits -induced caspase-11 activation. *IScience*, **2021**, 24, 102004	6.1	2
124	NLRC4 biology in immunity and inflammation. *Journal of Leukocyte Biology*, **2020**, 108, 1117-1127	6.5	8
123	Inflammasome Activation in Response to Intracellular Protozoan Parasites. *Trends in Parasitology*, **2020**, 36, 459-472	6.4	15

122	The role of annexin A1 in the modulation of the NLRP3 inflammasome. *Immunology*, **2020**, 160, 78-89	7.8	13
121	The DNA Sensor AIM2 Protects against Streptozotocin-Induced Type 1 Diabetes by Regulating Intestinal Homeostasis via the IL-18 Pathway. *Cells*, **2020**, 9,	7.9	8
120	Interplay Between Reactive Oxygen Species and the Inflammasome Are Crucial for Restriction of Replication. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 243	5.9	2
119	Infection of human lymphomononuclear cells by SARS-CoV-2 **2020**,		37
118	Leishmania Viannia guyanensis, LRV1 virus and extracellular vesicles: a dangerous trio influencing the faith of immune response during muco-cutaneous leishmaniasis. *Current Opinion in Immunology*, **2020**, 66, 108-113	7.8	7
117	NOD2 receptor is crucial for protecting against the digestive form of Chagas disease. *PLoS Neglected Tropical Diseases*, **2020**, 14, e0008667	4.8	2
116	NLRP12 controls arthritis severity by acting as a checkpoint inhibitor of Th17 cell differentiation. *FASEB Journal*, **2020**, 34, 10907-10919	0.9	4
115	SARS-CoV-2-triggered neutrophil extracellular traps mediate COVID-19 pathology. *Journal of Experimental Medicine*, **2020**, 217,	16.6	325
114	Caspase-8 mediates inflammation and disease in rodent malaria. *Nature Communications*, **2020**, 11, 4596	17.4	4
113	Molecular basis of carrageenan-induced cytokines production in macrophages. *Cell Communication and Signaling*, **2020**, 18, 141	7.5	10
112	The global response to the COVID-19 pandemic: how have immunology societies contributed?. *Nature Reviews Immunology*, **2020**, 20, 594-602	36.5	10
111	The NLRP3 inflammasome is involved with the pathogenesis of Mayaro virus. *PLoS Pathogens*, **2019**, 15, e1007934	7.6	30
110	Inflammasome Activation in Legionella-Infected Macrophages. *Methods in Molecular Biology*, **2019**, 1921, 305-319	1.4	2
109	NLRP12 Attenuates Inflammatory Bone Loss in Experimental Apical Periodontitis. *Journal of Dental Research*, **2019**, 98, 476-484	8.1	8
108	Systems analysis of subjects acutely infected with the Chikungunya virus. *PLoS Pathogens*, **2019**, 15, e1007880	7.8	13
107	Inflammasomes and Leishmania: in good times or bad, in sickness or in health. *Current Opinion in Microbiology*, **2019**, 52, 70-76	7.9	17
106	Macrophage priming is dispensable for NLRP3 inflammasome activation and restriction of Leishmania amazonensis replication. *Journal of Leukocyte Biology*, **2019**, 106, 631-640	6.5	14
105	Mitochondrial DNA Promotes NLRP3 Inflammasome Activation and Contributes to Endothelial Dysfunction and Inflammation in Type 1 Diabetes. *Frontiers in Physiology*, **2019**, 10, 1557	4.6	32

104	Phosphoinositide-3 kinase gamma regulates caspase-1 activation and leukocyte recruitment in acute murine gout. *Journal of Leukocyte Biology*, **2019**, 106, 619-629	6.5	7
103	Caspase-11-dependent IL-1 release boosts Th17 immunity against Paracoccidioides brasiliensis. *PLoS Pathogens*, **2019**, 15, e1007990	7.6	16
102	Gasdermin-D and Caspase-7 are the key Caspase-1/8 substrates downstream of the NAIP5/NLRC4 inflammasome required for restriction of Legionella pneumophila. *PLoS Pathogens*, **2019**, 15, e1007886	7.6	42
101	Leishmania RNA virus exacerbates Leishmaniasis by subverting innate immunity via TLR3-mediated NLRP3 inflammasome inhibition. *Nature Communications*, **2019**, 10, 5273	17.4	27
100	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. *Pain*, **2019**, 160, 102-116	8	16
99	Leishmania Lipophosphoglycan Triggers Caspase-11 and the Non-canonical Activation of the NLRP3 Inflammasome. *Cell Reports*, **2019**, 26, 429-437.e5	10.6	60
98	The host control of a clinical isolate strain of P. aeruginosa infection is independent of Nod-1 but depends on MyD88. *Inflammation Research*, **2018**, 67, 435-443	7.2	2
97	IL-1 Production by Intermediate Monocytes Is Associated with Immunopathology in Cutaneous Leishmaniasis. *Journal of Investigative Dermatology*, **2018**, 138, 1107-1115	4.3	33
96	Absence of NOD2 receptor predisposes to intestinal inflammation by a deregulation in the immune response in hosts that are unable to control gut dysbiosis. *Immunobiology*, **2018**, 223, 577-585	3.4	9
95	Inflammasome-dependent Mechanisms Involved in Sensing and Restriction of Bacterial Replication. *Current Issues in Molecular Biology*, **2018**, 25, 99-132	2.9	6
94	Guanylate-binding protein 5 licenses caspase-11 for Gasdermin-D mediated host resistance to Brucella abortus infection. *PLoS Pathogens*, **2018**, 14, e1007519	7.6	43
93	Inhibition of inflammasome activation by a clinical strain of Klebsiella pneumoniae impairs efferocytosis and leads to bacterial dissemination. *Cell Death and Disease*, **2018**, 9, 1182	9.8	25
92	The NLRP3 inflammasome contributes to host protection during Sporothrix schenckii infection. *Immunology*, **2017**, 151, 154-166	7.8	33
91	Pro-inflammatory Ca-activated K channels are inhibited by hydroxychloroquine. *Scientific Reports*, **2017**, 7, 1892	4.9	19
90	Autophagy downstream of endosomal Toll-like receptor signaling in macrophages is a key mechanism for resistance to infection. *Journal of Biological Chemistry*, **2017**, 292, 13087-13096	5.4	36
89	IL-33 contributes to sepsis-induced long-term immunosuppression by expanding the regulatory T cell population. *Nature Communications*, **2017**, 8, 14919	17.4	106
88	Inflammasome biology taught by. *Journal of Leukocyte Biology*, **2017**, 101, 841-849	6.5	13
87	AIM2 Engages Active but Unprocessed Caspase-1 to Induce Noncanonical Activation of the NLRP3 Inflammasome. *Cell Reports*, **2017**, 20, 794-805	10.6	50

86	Dectin-1 Activation during Phagocytosis Prompts Syk-Dependent Reactive Oxygen Species Production To Trigger Inflammasome Assembly and Restriction of Parasite Replication. *Journal of Immunology*, **2017**, 199, 2055-2068	5.3	42
85	Mitochondrial DNA Activates the NLRP3 Inflammasome and Predisposes to Type 1 Diabetes in Murine Model. *Frontiers in Immunology*, **2017**, 8, 164	8.4	49
84	NOD-Like Receptor P3 Inflammasome Controls Protective Th1/Th17 Immunity against Pulmonary Paracoccidioidomycosis. *Frontiers in Immunology*, **2017**, 8, 786	8.4	39
83	The P2X7 Receptor Mediates Control in Macrophages through Canonical NLRP3 Inflammasome Activation and Reactive Oxygen Species Production. *Frontiers in Immunology*, **2017**, 8, 1257	8.4	56
82	Inhibition of caspase-1 or gasdermin-D enable caspase-8 activation in the Naip5/NLRC4/ASC inflammasome. *PLoS Pathogens*, **2017**, 13, e1006502	7.6	81
81	Legionella longbeachae Is Immunologically Silent and Highly Virulent In Vivo. *Journal of Infectious Diseases*, **2017**, 215, 440-451	7	11
80	Expression and activity of NOD1 and NOD2/RIPK2 signalling in mononuclear cells from patients with rheumatoid arthritis. *Scandinavian Journal of Rheumatology*, **2016**, 45, 8-12	1.9	15
79	Opposing roles of LTB4 and PGE2 in regulating the inflammasome-dependent scorpion venom-induced mortality. *Nature Communications*, **2016**, 7, 10760	17.4	63
78	NLRP3 Inflammasome Mediates Aldosterone-Induced Vascular Damage. *Circulation*, **2016**, 134, 1866-1880	16.7	53
77	Gut microbiota translocation to the pancreatic lymph nodes triggers NOD2 activation and contributes to T1D onset. *Journal of Experimental Medicine*, **2016**, 213, 1223-39	16.6	98
76	Murine Alveolar Macrophages Are Highly Susceptible to Replication of Coxiella burnetii Phase II In Vitro. *Infection and Immunity*, **2016**, 84, 2439-48	3.7	17
75	Primary Role for Toll-Like Receptor-Driven Tumor Necrosis Factor Rather than Cytosolic Immune Detection in Restricting Coxiella burnetii Phase II Replication within Mouse Macrophages. *Infection and Immunity*, **2016**, 84, 998-1015	3.7	14
74	Nucleotide-binding oligomerization domain-containing protein 2 prompts potent inflammatory stimuli during Neospora caninum infection. *Scientific Reports*, **2016**, 6, 29289	4.9	19
73	Role of NOD2 and RIP2 in host-microbe interactions with Gram-negative bacteria: insights from the periodontal disease model. *Innate Immunity*, **2016**, 22, 598-611	2.7	12
72	NOD2-RIP2-Mediated Signaling Helps Shape Adaptive Immunity in Visceral Leishmaniasis. *Journal of Infectious Diseases*, **2016**, 214, 1647-1657	7	14
71	NOD1 in the modulation of host-microbe interactions and inflammatory bone resorption in the periodontal disease model. *Immunology*, **2016**, 149, 374-385	7.8	16
70	Caspase-1 but Not Caspase-11 Is Required for NLRC4-Mediated Pyroptosis and Restriction of Infection by Flagellated Legionella Species in Mouse Macrophages and In Vivo. *Journal of Immunology*, **2015**, 195, 2303-11	5.3	60
69	Inflammasomes in host response to protozoan parasites. *Immunological Reviews*, **2015**, 265, 156-71	11.3	66

68	Nucleotide-binding oligomerization domain-2 (NOD2) regulates type-1 cytokine responses to Mycobacterium avium but is not required for host control of infection. *Microbes and Infection*, **2015**, 17, 337-44	9.3	5
67	Peripheral NLCR4 inflammasome participates in the genesis of acute inflammatory pain. *Pain*, **2015**, 156, 451-459	8	15
66	IL-18 triggered by the Nlrp3 inflammasome induces host innate resistance in a pulmonary model of fungal infection. *Journal of Immunology*, **2015**, 194, 4507-17	5.3	65
65	A Dual Role for P2X7 Receptor during Porphyromonas gingivalis Infection. *Journal of Dental Research*, **2015**, 94, 1233-42	8.1	31
64	Anti-metastatic immunotherapy based on mucosal administration of flagellin and immunomodulatory P10. *Immunology and Cell Biology*, **2015**, 93, 86-98	5	19
63	Interleukin 1 receptor-driven neutrophil recruitment accounts to MyD88-dependent pulmonary clearance of legionella pneumophila infection in vivo. *Journal of Infectious Diseases*, **2015**, 211, 322-30	7	26
62	Disease severity and mortality can be independently regulated in a mouse model of experimental graft versus host disease. *PLoS ONE*, **2015**, 10, e0118079	3.7	2
61	Inhibition of inflammasome activation by Coxiella burnetii type IV secretion system effector IcaA. *Nature Communications*, **2015**, 6, 10205	17.4	56
60	Relevance of the myeloid differentiation factor 88 (MyD88) on RANKL, OPG, and nod expressions induced by TLR and IL-1R signaling in bone marrow stromal cells. *Inflammation*, **2015**, 38, 1-8	5.1	25
59	Hemolysis-induced lethality involves inflammasome activation by heme. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E4110-8	11.5	210
58	Inflammasome activation is reactive oxygen species dependent and mediates irinotecan-induced mucositis through IL-1 and IL-18 in mice. *American Journal of Pathology*, **2014**, 184, 2023-34	5.8	40
57	Inflammasome activation is critical to the protective immune response during chemically induced squamous cell carcinoma. *PLoS ONE*, **2014**, 9, e107170	3.7	12
56	NOD2 contributes to Porphyromonas gingivalis-induced bone resorption. *Journal of Dental Research*, **2014**, 93, 1155-62	8.1	25
55	Malaria-induced NLRP12/NLRP3-dependent caspase-1 activation mediates inflammation and hypersensitivity to bacterial superinfection. *PLoS Pathogens*, **2014**, 10, e1003885	7.6	104
54	Recognition of Legionella pneumophila nucleic acids by innate immune receptors. *Microbes and Infection*, **2014**, 16, 985-90	9.3	4
53	The use of a heterogeneously controlled mouse population reveals a significant correlation of acute phase parasitemia with mortality in Chagas disease. *PLoS ONE*, **2014**, 9, e91640	3.7	6
52	MyD88-, but not Nod1- and/or Nod2-deficient mice, show increased susceptibility to polymicrobial sepsis due to impaired local inflammatory response. *PLoS ONE*, **2014**, 9, e103734	3.7	13
51	Identification and functional characterization of K(+) transporters encoded by Legionella pneumophila kup genes. *Cellular Microbiology*, **2013**, 15, 2006-19	3.9	3

50	Apoptosis-associated speck-like protein containing a caspase recruitment domain inflammasomes mediate IL-1 response and host resistance to Trypanosoma cruzi infection. *Journal of Immunology*, **2013**, 191, 3373-83	5.3	62
49	Critical role of ASC inflammasomes and bacterial type IV secretion system in caspase-1 activation and host innate resistance to Brucella abortus infection. *Journal of Immunology*, **2013**, 190, 3629-38	5.3	82
48	The mouse as a model for pulmonary legionella infection. *Methods in Molecular Biology*, **2013**, 954, 493-503		3
47	Inflammasome-derived IL-1 production induces nitric oxide-mediated resistance to Leishmania. *Nature Medicine*, **2013**, 19, 909-15	50.5	246
46	Caspase-11 stimulates rapid flagellin-independent pyroptosis in response to Legionella pneumophila. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 1851-6	11.5	208
45	A parent-of-origin effect determines the susceptibility of a non-informative F1 population to Trypanosoma cruzi infection in vivo. *PLoS ONE*, **2013**, 8, e56347	3.7	8
44	Subversion of inflammasome activation and pyroptosis by pathogenic bacteria. *Frontiers in Cellular and Infection Microbiology*, **2013**, 3, 76	5.9	62
43	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 418508	2.3	34
42	NLRP3 inflammasome-mediated neutrophil recruitment and hypernociception depend on leukotriene B(4) in a murine model of gout. *Arthritis and Rheumatism*, **2012**, 64, 474-84		167
41	IFN- plays a unique role in protection against low virulent Trypanosoma cruzi strain. *PLoS Neglected Tropical Diseases*, **2012**, 6, e1598	4.8	30
40	Nucleotide-binding oligomerization domain-1 and -2 play no role in controlling Brucella abortus infection in mice. *Clinical and Developmental Immunology*, **2012**, 2012, 861426		14
39	Joint NOD2/RIPK2 signaling regulates IL-17 axis and contributes to the development of experimental arthritis. *Journal of Immunology*, **2012**, 188, 5116-22	5.3	35
38	NOD1 and NOD2 Signaling in Infection and Inflammation. *Frontiers in Immunology*, **2012**, 3, 328	8.4	166
37	Innate immune activation and subversion of Mammalian functions by leishmania lipophosphoglycan. *Journal of Parasitology Research*, **2012**, 2012, 165126	1.9	30
36	Immunity to protozoan parasites. *Journal of Parasitology Research*, **2012**, 2012, 250793	1.9	5
35	The Nlrc4 Inflammasome Contributes to Restriction of Pulmonary Infection by Flagellated Legionella spp. that Trigger Pyroptosis. *Frontiers in Microbiology*, **2011**, 2, 33	5.7	35
34	Intrinsic expression of Nod2 in CD4+ T lymphocytes is not necessary for the development of cell-mediated immunity and host resistance to Toxoplasma gondii. *European Journal of Immunology*, **2011**, 41, 3627-31	6.1	30
33	Innate immunity to legionella pneumophila. *Frontiers in Microbiology*, **2011**, 2, 109	5.7	36

32	Activation of NLRC4 by flagellated bacteria triggers caspase-1-dependent and -independent responses to restrict Legionella pneumophila replication in macrophages and in vivo. *Journal of Immunology*, **2011**, 187, 6447-55	5.3	66
31	Pivotal role of Toll-like receptors 2 and 4, its adaptor molecule MyD88, and inflammasome complex in experimental tubule-interstitial nephritis. *PLoS ONE*, **2011**, 6, e29004	3.7	69
30	Nitric oxide donor trans-[RuCl([15]aneN)NO] as a possible therapeutic approach for ChagasS disease. *British Journal of Pharmacology*, **2010**, 160, 270-82	8.6	42
29	A method for generation of bone marrow-derived macrophages from cryopreserved mouse bone marrow cells. *PLoS ONE*, **2010**, 5, e15263	3.7	215
28	Pore formation triggered by Legionella spp. is an Nlrc4 inflammasome-dependent host cell response that precedes pyroptosis. *Infection and Immunity*, **2010**, 78, 1403-13	3.7	82
27	Cutting edge: nucleotide-binding oligomerization domain 1-dependent responses account for murine resistance against Trypanosoma cruzi infection. *Journal of Immunology*, **2010**, 184, 1148-52	5.3	92
26	A novel pathway for inducible nitric-oxide synthase activation through inflammasomes. *Journal of Biological Chemistry*, **2010**, 285, 32087-95	5.4	36
25	Caspase-1 is involved in the genesis of inflammatory hypernociception by contributing to peripheral IL-1 maturation. *Molecular Pain*, **2010**, 6, 63	3.4	36
24	Role of regulatory T cells in long-term immune dysfunction associated with severe sepsis. *Critical Care Medicine*, **2010**, 38, 1718-25	1.4	71
23	The role of innate immunity in septic acute kidney injuries. *Shock*, **2010**, 34 Suppl 1, 22-6	3.4	48
22	The pattern recognition receptors Nod1 and Nod2 account for neutrophil recruitment to the lungs of mice infected with Legionella pneumophila. *Microbes and Infection*, **2010**, 12, 819-27	9.3	73
21	Microbicidal property of B1 cell derived mononuclear phagocyte. *Immunobiology*, **2009**, 214, 664-73	3.4	19
20	Type IV secretion-dependent activation of host MAP kinases induces an increased proinflammatory cytokine response to Legionella pneumophila. *PLoS Pathogens*, **2008**, 4, e1000220	7.6	99
19	NALP3: a key player in caspase-1 activation. *Journal of Endotoxin Research*, **2006**, 12, 251-6		58
18	NALP3: a key player in caspase-1 activation. *Journal of Endotoxin Research*, **2006**, 12, 251-256		55
17	Flagellin-deficient Legionella mutants evade caspase-1- and Naip5-mediated macrophage immunity. *PLoS Pathogens*, **2006**, 2, e18	7.6	404
16	The Birc1e cytosolic pattern-recognition receptor contributes to the detection and control of Legionella pneumophila infection. *Nature Immunology*, **2006**, 7, 318-25	19.1	425
15	Genetic control of natural resistance of mouse macrophages to Coxiella burnetii infection in vitro: macrophages from restrictive strains control parasitophorous vacuole maturation. *Infection and Immunity*, **2004**, 72, 2395-9	3.7	22

14	Stimulation of toll-like receptor 2 by Coxiella burnetii is required for macrophage production of pro-inflammatory cytokines and resistance to infection. *Journal of Biological Chemistry*, **2004**, 279, 54405-15	5.4	67
13	Phagocytosis of apoptotic cells increases the susceptibility of macrophages to infection with Coxiella burnetii phase II through down-modulation of nitric oxide production. *Infection and Immunity*, **2004**, 72, 2075-80	3.7	22
12	Coxiella burnetii express type IV secretion system proteins that function similarly to components of the Legionella pneumophila Dot/Icm system. *Molecular Microbiology*, **2003**, 49, 965-76	4.1	129
11	Nitric oxide partially controls Coxiella burnetii phase II infection in mouse primary macrophages. *Infection and Immunity*, **2003**, 71, 1225-33	3.7	95
10	Mouse resident peritoneal macrophages partially control in vitro infection with Coxiella burnetii phase II. *Microbes and Infection*, **2002**, 4, 591-8	9.3	26
9	Infection of Vero cells with Coxiella burnetii phase II: relative intracellular bacterial load and distribution estimated by confocal laser scanning microscopy and morphometry. *Journal of Microbiological Methods*, **2001**, 43, 223-32	2.8	31
8	Ecology of the Worm-Lizard Amphisbaena alba in the Cerrado of Central Brazil. *Copeia*, **1999**, 1999, 733	1.1	42
7	Gasdermin-D activation by SARS-CoV-2 trigger NET and mediate COVID-19 immunopathology		2
6	Role of the transcriptional regulator SP140 in resistance to bacterial infections via repression of type I interferons		4
5	SARS-CoV-2 triggered neutrophil extracellular traps (NETs) mediate COVID-19 pathology		16
4	Inflammasome activation in COVID-19 patients		10
3	Beneficial effects of colchicine for moderate to severe COVID-19: an interim analysis of a randomized, double-blinded, placebo controlled clinical trial		13
2	Genetics of Mouse Macrophage Resistance to Legionella pneumophila301-306		
1	Efferocytosis of SARS-CoV-2-infected dying cells impairs macrophage anti-inflammatory programming and continual clearance of apoptotic cells		6