

Diverse stimuli engage different neutrophil extracellular

ELife

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DOI: [10.7554/elife.24437](https://doi.org/10.7554/elife.24437)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Oral delivery of staphylococcal nuclease by <i>Lactococcus lactis</i> prevents type 1 diabetes mellitus in NOD mice. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7653-7662.	1.7	25
2	<i>Candida albicans</i> –epithelial interactions and induction of mucosal innate immunity. <i>Current Opinion in Microbiology</i> , 2017, 40, 104-112.	2.3	104
3	Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. <i>Developmental Cell</i> , 2017, 43, 449-462.e5.	3.1	159
4	Conserved Inhibition of Neutrophil Extracellular Trap Release by Clinical <i>Candida albicans</i> Biofilms. <i>Journal of Fungi (Basel, Switzerland)</i> , 2017, 3, 49.	1.5	30
5	Neutrophil extracellular traps and the dysfunctional innate immune response of cystic fibrosis lung disease: a review. <i>Journal of Inflammation</i> , 2017, 14, 29.	1.5	73
6	Association of NOX2 subunits genetic variants with autoimmune diseases. <i>Free Radical Biology and Medicine</i> , 2018, 125, 72-80.	1.3	53
7	Eosinophils in fungal diseases: An overview. <i>Journal of Leukocyte Biology</i> , 2018, 104, 49-60.	1.5	25
8	The other myeloperoxidase: Emerging functions. <i>Archives of Biochemistry and Biophysics</i> , 2018, 649, 1-14.	1.4	43
9	The antidiabetic drug metformin blunts NETosis in vitro and reduces circulating NETosis biomarkers in vivo. <i>Acta Diabetologica</i> , 2018, 55, 593-601.	1.2	103
10	The Rheumatoid Arthritis-Associated Citrullinome. <i>Cell Chemical Biology</i> , 2018, 25, 691-704.e6.	2.5	158
11	Graphene Oxide Elicits Membrane Lipid Changes and Neutrophil Extracellular Trap Formation. <i>CheM</i> , 2018, 4, 334-358.	5.8	68
12	Monosodium Urate Crystals Generate Nuclease-Resistant Neutrophil Extracellular Traps via a Distinct Molecular Pathway. <i>Journal of Immunology</i> , 2018, 200, 1802-1816.	0.4	98
13	Turning the Spotlight on Lipids in Non-Apoptotic Cell Death. <i>ACS Chemical Biology</i> , 2018, 13, 506-515.	1.6	24
14	Two-in-one: UV radiation simultaneously induces apoptosis and NETosis. <i>Cell Death Discovery</i> , 2018, 4, 51.	2.0	50
15	Comment on “Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis”. <i>Science Immunology</i> , 2018, 3, .	5.6	2
16	Response to comment on “Synovial fibroblast-neutrophil interactions promote pathogenic adaptive immunity in rheumatoid arthritis”. <i>Science Immunology</i> , 2018, 3, .	5.6	5
17	Mechanisms and disease relevance of neutrophil extracellular trap formation. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12919.	1.7	36
18	The dual role of Reactive Oxygen Species in autoimmune and inflammatory diseases: evidence from preclinical models. <i>Free Radical Biology and Medicine</i> , 2018, 125, 62-71.	1.3	127

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19	Neutrophil Extracellular Traps: The Biology of Chromatin Externalization. <i>Developmental Cell</i> , 2018, 44, 542-553.	3.1	250
20	Rheumatoid arthritis and citrullination. <i>Current Opinion in Rheumatology</i> , 2018, 30, 72-78.	2.0	143
21	A High-Throughput Real-Time Imaging Technique To Quantify NETosis and Distinguish Mechanisms of Cell Death in Human Neutrophils. <i>Journal of Immunology</i> , 2018, 200, 869-879.	0.4	77
22	Editorial: The Innate and Adaptive Immune Response Are Both Involved in Drug-Induced Autoimmunity. <i>Arthritis and Rheumatology</i> , 2018, 70, 330-333.	2.9	7
23	A key role for Rac and Pak signaling in neutrophil extracellular traps (NETs) formation defines a new potential therapeutic target. <i>American Journal of Hematology</i> , 2018, 93, 269-276.	2.0	36
24	Bovine neutrophils form extracellular traps in response to the gastrointestinal parasite <i>Ostertagia ostertagi</i> . <i>Scientific Reports</i> , 2018, 8, 17598.	1.6	30
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26	The total terpenoids of <i>Celastrus orbiculatus</i> (TTC) inhibit NOX-dependent formation of PMA-induced neutrophil extracellular traps (NETs). <i>European Journal of Inflammation</i> , 2018, 16, 205873921880566.	0.2	6
27	Streptococcus Suis Serotype 2 Stimulates Neutrophil Extracellular Traps Formation via Activation of p38 MAPK and ERK1/2. <i>Frontiers in Immunology</i> , 2018, 9, 2854.	2.2	42
28	The Neutrophil Nucleus: An Important Influence on Neutrophil Migration and Function. <i>Frontiers in Immunology</i> , 2018, 9, 2867.	2.2	86
29	A Label-Free Quantitative Proteomic Analysis of Mouse Neutrophil Extracellular Trap Formation Induced by Streptococcus suis or Phorbol Myristate Acetate (PMA). <i>Frontiers in Immunology</i> , 2018, 9, 2615.	2.2	9
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33	Chromatin swelling drives neutrophil extracellular trap release. <i>Nature Communications</i> , 2018, 9, 3767.	5.8	165
34	Chemical Tools for Targeted Amplification of Reactive Oxygen Species in Neutrophils. <i>Frontiers in Immunology</i> , 2018, 9, 1827.	2.2	27
35	Phasor-Based Endogenous NAD(P)H Fluorescence Lifetime Imaging Unravels Specific Enzymatic Activity of Neutrophil Granulocytes Preceding NETosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1018.	1.8	27
36	The role of neutrophil extracellular traps in rheumatic diseases. <i>Nature Reviews Rheumatology</i> , 2018, 14, 467-475.	3.5	175

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37	Peptidylarginine deiminase 4: a nuclear button triggering neutrophil extracellular traps in inflammatory diseases and aging. <i>FASEB Journal</i> , 2018, 32, 6258-6370.	0.2	93
38	<i>Entamoeba histolytica</i> Induce Signaling via Raf/MEK/ERK for Neutrophil Extracellular Trap (NET) Formation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 226.	1.8	50
39	The interplay between neutrophils and microbiota in cancer. <i>Journal of Leukocyte Biology</i> , 2018, 104, 701-715.	1.5	10
40	<i>Candida albicans</i> -Induced NETosis Is Independent of Peptidylarginine Deiminase 4. <i>Frontiers in Immunology</i> , 2018, 9, 1573.	2.2	79
41	<i>Entamoeba histolytica</i> Trophozoites Induce a Rapid Non-classical NETosis Mechanism Independent of NOX2-Derived Reactive Oxygen Species and PAD4 Activity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 184.	1.8	41
42	Alkaline pH Promotes NADPH Oxidase-Independent Neutrophil Extracellular Trap Formation: A Matter of Mitochondrial Reactive Oxygen Species Generation and Citrullination and Cleavage of Histone. <i>Frontiers in Immunology</i> , 2018, 8, 1849.	2.2	90
43	The Interface between Fungal Biofilms and Innate Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 1968.	2.2	98
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47	Differentially Expressed Genes in Osteomyelitis Induced by <i>Staphylococcus aureus</i> Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 1093.	1.5	10
48	The Neutrophilâ€™s Choice: Phagocytose vs Make Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2018, 9, 288.	2.2	177
49	Role of Peptidylarginine Deiminase 4 in Neutrophil Extracellular Trap Formation and Host Defense during <i>Klebsiella pneumoniae</i> -Induced Pneumonia-Derived Sepsis. <i>Journal of Immunology</i> , 2018, 201, 1241-1252.	0.4	96
50	Cleaved N-terminal histone tails distinguish between NADPH oxidase (NOX)-dependent and NOX-independent pathways of neutrophil extracellular trap formation. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1790-1798.	0.5	86
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56	Dysregulated neutrophil responses and neutrophil extracellular trap formation and degradation in PAPA syndrome. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1825-1833.	0.5	74
57	Neutrophil Extracellular Traps in the Second Decade. <i>Journal of Innate Immunity</i> , 2018, 10, 414-421.	1.8	220
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60	Regulation of <i>Pseudomonas aeruginosa</i> -Mediated Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2019, 10, 1670.	2.2	36
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63	Networks that stop the flow: A fresh look at fibrin and neutrophil extracellular traps. <i>Thrombosis Research</i> , 2019, 182, 1-11.	0.8	34
64	Halogen Bonding Increases the Potency and Isozyme Selectivity of Protein Arginine Deiminase 1 Inhibitors. <i>Angewandte Chemie</i> , 2019, 131, 12606-12610.	1.6	2
65	Neutrophil Extracellular Traps. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1724-1738.	1.1	261
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70	Computational Methodologies for the in vitro and in situ Quantification of Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2019, 10, 1562.	2.2	23
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72	The pathway of neutrophil extracellular traps towards atherosclerosis and thrombosis. <i>Atherosclerosis</i> , 2019, 288, 9-16.	0.4	103

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73	Halogen Bonding Increases the Potency and Isozyme Selectivity of Protein Arginine Deiminase 1 Inhibitors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12476-12480.	7.2	16
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79	<i>Candida albicans</i> triggers NADPH oxidase-independent neutrophil extracellular traps through dectin-2. <i>PLoS Pathogens</i> , 2019, 15, e1008096.	2.1	69
80	ATP amplifies NADPH-dependent and -independent neutrophil extracellular trap formation. <i>Scientific Reports</i> , 2019, 9, 16556.	1.6	41
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82	Effect of Adhesion and Substrate Elasticity on Neutrophil Extracellular Trap Formation. <i>Frontiers in Immunology</i> , 2019, 10, 2320.	2.2	35
83	Neutrophils in Psoriasis. <i>Frontiers in Immunology</i> , 2019, 10, 2376.	2.2	148
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110	Chlorpyrifos Suppresses Neutrophil Extracellular Traps in Carp by Promoting Necroptosis and Inhibiting Respiratory Burst Caused by the PKC/MAPK Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	19
111	Protein Arginine Deiminases (PADs): Biochemistry and Chemical Biology of Protein Citrullination. <i>Accounts of Chemical Research</i> , 2019, 52, 818-832.	7.6	146
112	Pinniped- and Cetacean-Derived ETosis Contributes to Combating Emerging Apicomplexan Parasites (<i>Toxoplasma gondii</i> , <i>Neospora caninum</i>) Circulating in Marine Environments. <i>Biology</i> , 2019, 8, 12.	1.3	22
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121	Machine Learning to Quantitate Neutrophil NETosis. <i>Scientific Reports</i> , 2019, 9, 16891.	1.6	16
122	The Brain Entangled: The Contribution of Neutrophil Extracellular Traps to the Diseases of the Central Nervous System. <i>Cells</i> , 2019, 8, 1477.	1.8	102
123	DGK β in Neutrophil Biology and Its Implications for Respiratory Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5673.	1.8	5
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143	Heparin induces neutrophil elastase-dependent vital and lytic NET formation. <i>International Immunology</i> , 2020, 32, 359-368.	1.8	27
144	Calcium signaling and regulation of neutrophil functions: Still a long way to go. <i>Journal of Leukocyte Biology</i> , 2020, 107, 285-297.	1.5	43

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