

Homeostatic regulation of STING by retrograde membr

Nature Communications

12, 61

DOI: [10.1038/s41467-020-20234-9](https://doi.org/10.1038/s41467-020-20234-9)

Citation Report

#	ARTICLE	IF	CITATIONS
2	The STING phase-separator suppresses innate immune signalling. <i>Nature Cell Biology</i> , 2021, 23, 330-340.	4.6	96
4	STING Operation at the ER/Golgi Interface. <i>Frontiers in Immunology</i> , 2021, 12, 646304.	2.2	37
5	Golgi apparatus-synthesized sulfated glycosaminoglycans mediate polymerization and activation of the cGAMP sensor STING. <i>Immunity</i> , 2021, 54, 962-975.e8.	6.6	76
6	Augmentation of Stimulator of Interferon Genes-Induced Type I Interferon Production in COPA Syndrome. <i>Arthritis and Rheumatology</i> , 2021, 73, 2105-2115.	2.9	19
7	A cell-free assay implicates a role of sphingomyelin and cholesterol in STING phosphorylation. <i>Scientific Reports</i> , 2021, 11, 11996.	1.6	14
8	Surf4 facilitates reprogramming by activating the cellular response to endoplasmic reticulum stress. <i>Cell Proliferation</i> , 2021, 54, e13133.	2.4	5
9	Emerging Place of JAK Inhibitors in the Treatment of Inborn Errors of Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 717388.	2.2	23
10	Coatomer protein COPÆ, a novel NS1-interacting protein, promotes the replication of Porcine Parvovirus via attenuation of the production of type I interferon. <i>Veterinary Microbiology</i> , 2021, 261, 109188.	0.8	6
11	No Longer A One-Trick Pony: STING Signaling Activity Beyond Interferon. <i>Journal of Molecular Biology</i> , 2022, 434, 167257.	2.0	13
12	The type I interferonopathies: 10 years on. <i>Nature Reviews Immunology</i> , 2022, 22, 471-483.	10.6	164
13	Loss of Hepatic Surf4 Depletes Lipid Droplets in the Adrenal Cortex but Does Not Impair Adrenal Hormone Production. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764024.	1.1	5
14	A Novel Mutation c.841C>T in COPA Syndrome of an 11-Year-Old Boy: A Case Report and Short Literature Review. <i>Frontiers in Pediatrics</i> , 2021, 9, 773112.	0.9	7
15	Intervention of cGAS-STING signaling in sterile inflammatory diseases. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	1.5	11
16	Allograft dysfunction after lung transplantation for COPA syndrome: A case report and literature review. <i>Modern Rheumatology Case Reports</i> , 2022, 6, 314-318.	0.3	4
17	Chemical and Biomolecular Strategies for STING Pathway Activation in Cancer Immunotherapy. <i>Chemical Reviews</i> , 2022, 122, 5977-6039.	23.0	92
18	Specific association of TBK1 with the trans-Golgi network following STING stimulation. <i>Cell Structure and Function</i> , 2022, 47, 19-30.	0.5	12
19	Emerging dimensions of cellular cGAS-STING signaling. <i>Current Opinion in Immunology</i> , 2022, 74, 164-171.	2.4	15
20	Organelle homeostasis and innate immune sensing. <i>Nature Reviews Immunology</i> , 2022, 22, 535-549.	10.6	49

#	ARTICLE	IF	CITATIONS
21	STING1 in Different Organelles: Location Dictates Function. <i>Frontiers in Immunology</i> , 2022, 13, 842489.	2.2	4
23	Crosstalk between RNA viruses and DNA sensors: Role of the cGAS-STING signalling pathway. <i>Reviews in Medical Virology</i> , 2022, 32, e2343.	3.9	16
24	Management of a Novel Autoimmune Disease, COPA Syndrome, in Pregnancy. <i>Case Reports in Obstetrics and Gynecology</i> , 2022, 2022, 1-4.	0.2	1
25	Covax-19/Spikogen [®] vaccine based on recombinant spike protein extracellular domain with Advax-CpG55.2 adjuvant provides single dose protection against SARS-CoV-2 infection in hamsters. <i>Vaccine</i> , 2022, 40, 3182-3192.	1.7	25
26	Trapping of CDC42 C-terminal variants in the Golgi drives pyrin inflammasome hyperactivation. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	18
27	Deficiency in coatamer complex I causes aberrant activation of STING signalling. <i>Nature Communications</i> , 2022, 13, 2321.	5.8	43
28	Pathophysiological functions of self-derived DNA. <i>International Reviews of Immunology</i> , 2023, 42, 274-286.	1.5	1
29	UNC93B1 attenuates the cGAS-STING signaling pathway by targeting STING for autophagy-lysosome degradation. <i>Journal of Medical Virology</i> , 2022, 94, 4490-4501.	2.5	16
30	Dysregulation of the cGAS-STING Pathway in Monogenic Autoinflammation and Lupus. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
32	Recent progress on the activation of the cGAS-STING pathway and its regulation by biomolecular condensation. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	1.5	5
33	Activation of STING Based on Its Structural Features. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	13
34	The interaction between STING and NCOA4 exacerbates lethal sepsis by orchestrating ferroptosis and inflammatory responses in macrophages. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	28
36	Cargo Receptor-Mediated ER Export in Lipoprotein Secretion and Lipid Homeostasis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2023, 15, a041260.	2.3	4
37	Inhibitory targeting cGAS-STING-TBK1 axis: Emerging strategies for autoimmune diseases therapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
38	Alternative pathways driven by STING: From innate immunity to lipid metabolism. <i>Cytokine and Growth Factor Reviews</i> , 2022, 68, 54-68.	3.2	4
39	The cGAS-STING pathway: Post-translational modifications and functional implications in diseases. <i>Cytokine and Growth Factor Reviews</i> , 2022, 68, 69-80.	3.2	5
40	MITA/STING-mediated antiviral immunity and autoimmunity: the evolution, mechanism, and intervention. <i>Current Opinion in Immunology</i> , 2022, 78, 102248.	2.4	6
41	Recent advances in the activation and regulation of the cGAS-STING pathway. <i>Advances in Immunology</i> , 2022, , 55-102.	1.1	7

#	ARTICLE	IF	CITATIONS
42	The activity of disease-causative STING variants can be suppressed by wild-type STING through heterocomplex formation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
43	Novel endogenous endoplasmic reticulum transmembrane protein SURF4 suppresses cell death by negatively regulating the STING-STAT6 axis in myeloid leukemia. <i>Cancer Communications</i> , 2023, 43, 395-399.	3.7	3
44	Export of polybasic motif-containing secretory proteins BMP8A and SFRP1 from the endoplasmic reticulum is regulated by surfet locus protein 4. <i>Journal of Biological Chemistry</i> , 2022, 298, 102687.	1.6	4
45	Interruption of post-Golgi STING trafficking activates tonic interferon signaling. <i>Nature Communications</i> , 2022, 13, .	5.8	14
46	STING Targeting in Lung Diseases. <i>Cells</i> , 2022, 11, 3483.	1.8	2
47	Surf4, cargo trafficking, lipid metabolism, and therapeutic implications. <i>Journal of Molecular Cell Biology</i> , 2023, 14, .	1.5	5
48	Cellular functions of cGAS-STING signaling. <i>Trends in Cell Biology</i> , 2023, 33, 630-648.	3.6	45
49	Multifaceted functions of STING in human health and disease: from molecular mechanism to targeted strategy. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	27
50	Structural insights into a shared mechanism of human STING activation by a potent agonist and an autoimmune disease-associated mutation. <i>Cell Discovery</i> , 2022, 8, .	3.1	13
51	Type-1 interferon-dependent and -independent mechanisms in cyclic GMP-AMP synthase-stimulator of interferon genes-driven auto-inflammation. <i>Current Opinion in Immunology</i> , 2023, 80, 102280.	2.4	6
52	STING trafficking as a new dimension of immune signaling. <i>Journal of Experimental Medicine</i> , 2023, 220, .	4.2	14
53	ARMH3-mediated recruitment of PI4KB directs Golgi-to-endosome trafficking and activation of the antiviral effector STING. <i>Immunity</i> , 2023, 56, 500-515.e6.	6.6	17
54	A non-nucleotide agonist that binds covalently to cysteine residues of STING. <i>Cell Structure and Function</i> , 2023, 48, 59-70.	0.5	0
55	ESCRT-dependent STING degradation inhibits steady-state and cGAMP-induced signalling. <i>Nature Communications</i> , 2023, 14, .	5.8	25
56	A path towards personalized medicine for autoinflammatory and related diseases. <i>Nature Reviews Rheumatology</i> , 2023, 19, 182-189.	3.5	5
57	Human skin specific long noncoding RNA HOXC13-AS regulates epidermal differentiation by interfering with Golgi-ER retrograde transport. <i>Cell Death and Differentiation</i> , 2023, 30, 1334-1348.	5.0	2
58	STING signalling is terminated through ESCRT-dependent microautophagy of vesicles originating from recycling endosomes. <i>Nature Cell Biology</i> , 2023, 25, 453-466.	4.6	40
59	Pathophysiological Roles of the cGAS-STING Inflammatory Pathway. <i>Physiology</i> , 2023, 38, 167-177.	1.6	3

#	ARTICLE	IF	CITATIONS
60	The mechanism of STING autoinhibition and activation. <i>Molecular Cell</i> , 2023, 83, 1502-1518.e10.	4.5	16
61	Impact of interorganelle coordination between the conventional early secretory pathway and autophagy in cellular homeostasis and stress response. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
80	Autoinflammatory Diseases Due to Defects in Degradation or Transport of Intracellular Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2024, , 83-95.	0.8	0