

Gustatory-mediated avoidance of bacterial lipopolysaccharide in *Drosophila*

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nucleophile sensitivity of <i>Drosophila</i> TRPA1 underlies light-induced feeding deterrence. <i>ELife</i> , 2016, 5, .	2.8	29
2	Bacterial Signaling to the Nervous System through Toxins and Metabolites. <i>Journal of Molecular Biology</i> , 2017, 429, 587-605.	2.0	118
3	A Bitter Taste of the Sun Makes Egg-Laying Flies Run. <i>Genetics</i> , 2017, 205, 467-469.	1.2	0
4	<i>Drosophila</i> larvae food intake cessation following exposure to <i>Erwinia</i> contaminated media requires odor perception, <i>Trpa1</i> channel and <i>evf</i> virulence factor. <i>Journal of Insect Physiology</i> , 2017, 99, 25-32.	0.9	15
5	Transient receptor potential ion channel function in sensory transduction and cellular signaling cascades underlying visceral hypersensitivity. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, G635-G648.	1.6	62
6	Pathogen induced food evasion behavior in <i>Drosophila</i> larvae. <i>Journal of Experimental Biology</i> , 2017, 220, 1774-1780.	0.8	25
7	H ₂ O ₂ -Sensitive Isoforms of <i>Drosophila melanogaster</i> TRPA1 Act in Bitter-Sensing Gustatory Neurons to Promote Avoidance of UV During Egg-Laying. <i>Genetics</i> , 2017, 205, 749-759.	1.2	28
8	Pathogenic bacteria enhance dispersal through alteration of <i>Drosophila</i> social communication. <i>Nature Communications</i> , 2017, 8, 265.	5.8	54
9	TRPV4 activation triggers protective responses to bacterial lipopolysaccharides in airway epithelial cells. <i>Nature Communications</i> , 2017, 8, 1059.	5.8	86
10	Molecular and Cellular Organization of Taste Neurons in Adult <i>Drosophila</i> Pharynx. <i>Cell Reports</i> , 2017, 21, 2978-2991.	2.9	47
11	Avoidance of biological contaminants through sight, smell and touch in chimpanzees. <i>Royal Society Open Science</i> , 2017, 4, 170968.	1.1	38
12	The gram-negative sensing receptor PGRP-LC contributes to grooming induction in <i>Drosophila</i> . <i>PLoS ONE</i> , 2017, 12, e0185370.	1.1	12
13	A Metagenome-Wide Association Study and Arrayed Mutant Library Confirm <i>Acetobacter</i> Lipopolysaccharide Genes Are Necessary for Association with <i>Drosophila melanogaster</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1119-1127.	0.8	21
14	Differential effects of lipopolysaccharide on mouse sensory TRP channels. <i>Cell Calcium</i> , 2018, 73, 72-81.	1.1	61
15	Using Pox-Neuro (Poxn) Mutants in <i>Drosophila</i> Gustation Research: A Double-Edged Sword. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 382.	1.8	11
16	Membrane Proteins Mediating Reception and Transduction in Chemosensory Neurons in Mosquitoes. <i>Frontiers in Physiology</i> , 2018, 9, 1309.	1.3	16
17	Allatostatin C modulates nociception and immunity in <i>Drosophila</i> . <i>Scientific Reports</i> , 2018, 8, 7501.	1.6	40
18	Internal amino acid state modulates yeast taste neurons to support protein homeostasis in <i>Drosophila</i> . <i>ELife</i> , 2018, 7, .	2.8	82

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19	Behavioral Aversion to AITC Requires Both Painless and dTRPA1 in <i>Drosophila</i> . <i>Frontiers in Neural Circuits</i> , 2018, 12, 45.	1.4	15
20	Differential interactions of bacterial lipopolysaccharides with lipid membranes: implications for TRPA1-mediated chemosensation. <i>Scientific Reports</i> , 2018, 8, 12010.	1.6	30
21	TRP Channels as Sensors of Bacterial Endotoxins. <i>Toxins</i> , 2018, 10, 326.	1.5	45
22	Combinatorial Pharyngeal Taste Coding for Feeding Avoidance in Adult <i>Drosophila</i> . <i>Cell Reports</i> , 2019, 29, 961-973.e4.	2.9	32
23	Recruitment of Adult Precursor Cells Underlies Limited Repair of the Infected Larval Midgut in <i>Drosophila</i> . <i>Cell Host and Microbe</i> , 2019, 26, 412-425.e5.	5.1	25
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25	The Effects of a Bacterial Endotoxin on Behavior and Sensory-CNS-Motor Circuits in <i>Drosophila melanogaster</i> . <i>Insects</i> , 2019, 10, 115.	1.0	10
26	LPS perception through taste-induced reflex in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2019, 112, 39-47.	0.9	12
27	TRP Channels as Sensors of Chemically-Induced Changes in Cell Membrane Mechanical Properties. <i>International Journal of Molecular Sciences</i> , 2019, 20, 371.	1.8	55
28	Spider mites escape bacterial infection by avoiding contaminated food. <i>Oecologia</i> , 2019, 189, 111-122.	0.9	7
29	Recent advances in the genetic basis of taste detection in <i>Drosophila</i> . <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1087-1101.	2.4	83
30	Mammalian Transient Receptor Potential TRPA1 Channels: From Structure to Disease. <i>Physiological Reviews</i> , 2020, 100, 725-803.	13.1	236
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36	Lung Epithelial TRPA1 Mediates Lipopolysaccharide-Induced Lung Inflammation in Bronchial Epithelial Cells and Mice. <i>Frontiers in Physiology</i> , 2020, 11, 596314.	1.3	18

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37	Drosophila Aversive Behavior toward Erwinia carotovora carotovora Is Mediated by Bitter Neurons and Leukokinin. IScience, 2020, 23, 101152.	1.9	19
38	Lipid Raft Destabilization Impairs Mouse TRPA1 Responses to Cold and Bacterial Lipopolysaccharides. International Journal of Molecular Sciences, 2020, 21, 3826.	1.8	15
39	Frameshift mutations of <i>YPEL3</i> alter the sensory circuit function in <i>Drosophila</i>. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	2
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54	Intestinal infection regulates behavior and learning via neuroendocrine signaling. ELife, 2019, 8, .	2.8	61
55	TRPA1 Expression and Pathophysiology in Immune Cells. International Journal of Molecular Sciences, 2021, 22, 11460.	1.8	24
56	Activation of Drosophila melanogaster TRPA1 Isoforms by Citronellal and Menthol. International Journal of Molecular Sciences, 2021, 22, 10997.	1.8	3

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59	Genetic Basis of Natural Variation in Spontaneous Grooming in <i>Drosophila melanogaster</i> . G3: Genes, Genomes, Genetics, 2020, 10, 3453-3460.	0.8	5
60	Evolutionary Aspects of Nociception and Pain. , 2020, , 463-480.		0
61	Neuroecology of Alcohol Preference in <i>Drosophila</i> . Annual Review of Entomology, 2022, 67, 261-279.	5.7	1
62	Sensing microbial infections in the <i>Drosophila melanogaster</i> genetic model organism. Immunogenetics, 2022, 74, 35-62.	1.2	15
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65	Mutualism promotes insect fitness by fungal nutrient compensation and facilitates fungus propagation by mediating insect oviposition preference. ISME Journal, 2022, 16, 1831-1842.	4.4	8
71	The gut efflux pump MRP-1 exports oxidized glutathione as a danger signal that stimulates behavioral immunity and aversive learning. Communications Biology, 2022, 5, 422.	2.0	1
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74	Mutations of β COP Gene Disturb <i>Drosophila melanogaster</i> Innate Immune Response to <i>Pseudomonas aeruginosa</i> . International Journal of Molecular Sciences, 2022, 23, 6499.	1.8	1
75	Enteric bacterial infection in <i>Drosophila</i> induces whole-body alterations in metabolic gene expression independently of the Immune Deficiency (Imd) signalling pathway. G3: Genes, Genomes, Genetics, 0, , .	0.8	0
76	Bacteria-derived peptidoglycan triggers a non-canonical NF- κ B dependent response in <i>Drosophila</i> gustatory neurons. Journal of Neuroscience, 0, , JN-RM-2437-21.	1.7	1
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