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Transgenerational programming of longevity and reproduction by post-eclosion dietary manipulation in *Drosophila*

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#	Paper	IF	Citations
32	Transgenerational inheritance of longevity: Theoretical framework and empirical evidence. <i>Moscow University Biological Sciences Bulletin</i> , 2016 , 71, 199-206	0.5	0
31	Epigenetic Regulation of Longevity in Insects. <i>Advances in Insect Physiology</i> , 2017 , 87-114	2.5	9
30	Parental obesity leads to metabolic changes in the F2 generation in. <i>Molecular Metabolism</i> , 2017 , 6, 631-639	6.39	11
29	A phenotypic hangover: the predictive adaptive response and multigenerational effects of altered nutrition on the transcriptome of. <i>Environmental Epigenetics</i> , 2017 , 3, dx019	2.4	6
28	Non-genomic transmission of longevity between generations: potential mechanisms and evidence across species. <i>Epigenetics and Chromatin</i> , 2017 , 10, 38	5.8	42
27	<i>Drosophila melanogaster</i> as a Model for Studying the Epigenetic Basis of Aging. 2018 , 293-307		6
26	Non-genetic Transgenerational Inheritance of Acquired Traits in <i>Drosophila</i> . 2018 ,		
25	Developmental Tuning of Epigenetic Clock. <i>Frontiers in Genetics</i> , 2018 , 9, 584	4.5	26
24	Epigenetic Transgenerational Inheritance Across Species. 2018 , 442-445		1
23	Environmentally induced epigenetic transgenerational inheritance of disease. <i>Environmental Epigenetics</i> , 2018 , 4, dx016	2.4	202
22	Measurement of solid food intake in <i>Drosophila</i> via consumption-excretion of a dye tracer. <i>Scientific Reports</i> , 2018 , 8, 11536	4.9	32
21	Early-Life Adjustment of Epigenetic Aging Clock. <i>Healthy Ageing and Longevity</i> , 2019 , 269-282	0.5	0
20	An overview of two decades of diet restriction studies using <i>Drosophila</i> . <i>Biogerontology</i> , 2019 , 20, 723-740	4.5	7
19	Transcriptome Analysis of Long-lived <i>Drosophila melanogaster</i> E(z) Mutants Sheds Light on the Molecular Mechanisms of Longevity. <i>Scientific Reports</i> , 2019 , 9, 9151	4.9	18
18	Transgenerational Impact of Environmental Change. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1200, 71-89	3.6	3
17	Histone-mediated transgenerational epigenetics. 2019 , 157-183		2
16	Intergenerational and transgenerational epigenetic inheritance in animals. <i>Nature Cell Biology</i> , 2019 , 21, 143-151	23.4	219

15	Offspring diet supersedes the transgenerational effects of parental diet in a specialist herbivore <i>Neolema abbreviata</i> under manipulated foliar nitrogen variability. <i>Insect Science</i> , 2020 , 27, 361-374	3.6	8
14	Parental dietary protein-to-carbohydrate ratio affects offspring lifespan and metabolism in drosophila. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020 , 241, 110622	2.6	10
13	Heredity determined by the environment: Lamarckian ideas in modern molecular biology. <i>Science of the Total Environment</i> , 2020 , 710, 135521	10.2	5
12	Epigenetic Transgenerational Inheritance of Obesity Susceptibility. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 478-494	8.8	26
11	Evaluation of the geroprotective effects of withaferin A in. <i>Aging</i> , 2021 , 13, 1817-1841	5.6	3
10	Tissue-Specific Knockdown of Genes of the Argonaute Family Modulates Lifespan and Radioresistance in <i>Drosophila melanogaster</i> . <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
9	Parental dietary sucrose affects metabolic and antioxidant enzyme activities in <i>Drosophila</i> . <i>Entomological Science</i> , 2021 , 24, 270-280	1.1	3
8	Laboratory diet influences cold tolerance in a genotype-dependent manner in <i>Drosophila melanogaster</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021 , 257, 110948	2.6	1
7	Repeated ethanol intoxications of <i>Drosophila melanogaster</i> adults increases the resistance to ethanol of their progeny. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 1370-1382	3.7	1
6	Early experiences mediate distinct adult gene expression and reproductive programs in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2018 , 14, e1007219	6	10
5	Genetic and Sex-Specific Transgenerational Effects of a High Fat Diet in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2016 , 11, e0160857	3.7	18
4	Transgenerational programming of longevity through E(z)-mediated histone H3K27 trimethylation in. <i>Aging</i> , 2016 , 8, 2988-3008	5.6	27
3	Molecular mechanisms of exceptional lifespan increase of <i>Drosophila melanogaster</i> with different genotypes after combinations of pro-longevity interventions. <i>Communications Biology</i> , 2022 , 5,	6.7	2
2	Ancestral dietary change alters the development of <i>Drosophila</i> larvae through MAPK signalling. <i>Fly</i> , 2022 , 16, 299-311	1.3	
1	Mechanisms of transgenerational epigenetic inheritance: lessons from animal model organisms. 2023 , 79, 102024		0