

Paternal obesity initiates metabolic disturbances in two
incomplete penetrance to the F₂ generation
profile of testis and sperm microRNA content

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of paternal obesity. <i>Nature Reviews Endocrinology</i> , 2013, 9, 565-565.	4.3	0
2	World of Reproductive Biology. <i>Biology of Reproduction</i> , 2013, 88, 1.	1.2	193
3	World of Reproductive Biology. <i>Biology of Reproduction</i> , 2013, 89, .	1.2	0
4	Environmental challenge, epigenetic plasticity and the induction of altered phenotypes in mammals. <i>Epigenomics</i> , 2014, 6, 623-636.	1.0	31
5	Impact of maternal hyperlipidic hypercholesterolaemic diet on male reproductive organs and testosterone concentration in rabbits. <i>Journal of Developmental Origins of Health and Disease</i> , 2014, 5, 183-188.	0.7	13
6	Molecular mechanisms for the inheritance of acquired characteristics—exosomes, microRNA shuttling, fear and stress: Lamarck resurrected?. <i>Frontiers in Genetics</i> , 2014, 5, 133.	1.1	42
7	A paternal environmental legacy: Evidence for epigenetic inheritance through the male germ line. <i>BioEssays</i> , 2014, 36, 359-371.	1.2	293
8	Epigenetic and Developmental Basis of Risk of Obesity and Metabolic Disease. , 2014, , 111-132.		2
9	Paternal Diet Defines Offspring Chromatin State and Intergenerational Obesity. <i>Cell</i> , 2014, 159, 1352-1364.	13.5	345
10	Developmental Programming and Transgenerational Transmission of Obesity. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 26-34.	1.0	97
11	Paternal high-fat diet consumption induces common changes in the transcriptomes of retroperitoneal adipose and pancreatic islet tissues in female rat offspring. <i>FASEB Journal</i> , 2014, 28, 1830-1841.	0.2	122
12	Epigenetic programming of reward function in offspring: a role for maternal diet. <i>Mammalian Genome</i> , 2014, 25, 41-48.	1.0	21
13	Developmental Origins of Cardiovascular Disease. <i>Current Epidemiology Reports</i> , 2014, 1, 9-16.	1.1	26
14	Obese father's metabolic state, adiposity, and reproductive capacity indicate son's reproductive health. <i>Fertility and Sterility</i> , 2014, 101, 865-873.e1.	0.5	61
15	Endocrinology: Advances through omics and related technologies. <i>General and Comparative Endocrinology</i> , 2014, 203, 262-273.	0.8	15
16	The pathophysiology of hypertension in patients with obesity. <i>Nature Reviews Endocrinology</i> , 2014, 10, 364-376.	4.3	376
17	In Utero Undernutrition in Male Mice Programs Liver Lipid Metabolism in the Second-Generation Offspring Involving Altered Lxra DNA Methylation. <i>Cell Metabolism</i> , 2014, 19, 941-951.	7.2	178
18	Paternal Obesity, Interventions, and Mechanistic Pathways to Impaired Health in Offspring. <i>Annals of Nutrition and Metabolism</i> , 2014, 64, 231-238.	1.0	86

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19	High body mass index has a deleterious effect on semen parameters except morphology: results from a large cohort study. <i>Fertility and Sterility</i> , 2014, 102, 1268-1273.	0.5	100
20	Cardiovascular Disease and Transgenerational Epigenetic Effects. , 2014, , 321-341.		0
21	Impaired sperm chromatin integrity in obese mice. <i>Andrology</i> , 2014, 2, 234-243.	1.9	42
22	Transgenerational Epigenetic Inheritance of Type 2 Diabetes. , 2014, , 281-301.		3
23	Parenting from before conception. <i>Science</i> , 2014, 345, 756-760.	6.0	244
24	Preterm labor: One syndrome, many causes. <i>Science</i> , 2014, 345, 760-765.	6.0	1,478
25	Human transgenerational responses to early-life experience: potential impact on development, health and biomedical research. <i>Journal of Medical Genetics</i> , 2014, 51, 563-572.	1.5	265
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29	Animal Models of Transgenerational Epigenetic Effects. , 2014, , 123-145.		3
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34	Experience-sensitive epigenetic mechanisms, developmental plasticity, and the biological embedding of chronic disease risk. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2015, 7, 53-71.	6.6	24
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42	Reduction of Mitochondrial Function by FCCP During Mouse Cleavage Stage Embryo Culture Reduces Birth Weight and Impairs the Metabolic Health of Offspring1. Biology of Reproduction, 2015, 92, 124.	1.2	18
43	Transgenerational inheritance of metabolic disease. Seminars in Cell and Developmental Biology, 2015, 43, 131-140.	2.3	51
44	Preconception diet or exercise intervention in obese fathers normalizes sperm microRNA profile and metabolic syndrome in female offspring. American Journal of Physiology - Endocrinology and Metabolism, 2015, 308, E805-E821.	1.8	155
46	When two obese parents are worse than one! Impacts on embryo and fetal development. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E568-E581.	1.8	59
47	Epigenetics and male reproduction: the consequences of paternal lifestyle on fertility, embryo development, and children lifetime health. Clinical Epigenetics, 2015, 7, 120.	1.8	168
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59	lâ€™m Eating for Two: Parental Dietary Effects on Offspring Metabolism. <i>Cell</i> , 2015, 161, 93-105.	13.5	213
60	The history of DistilbÃªneÂ® (Diethylstilbestrol) told to grandchildrenÂ€“the transgenerational effect. <i>Annales D'Endocrinologie</i> , 2015, 76, 253-259.	0.6	30
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70	Environmental epigenetic inheritance through gametes and implications for human reproduction. <i>Human Reproduction Update</i> , 2015, 21, 194-208.	5.2	128
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75	Novel insights, challenges and practical implications of DOHaDomics research. <i>Medical Journal of Australia</i> , 2016, 204, 108-110.	0.8	3
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83	Maternal Western diet increases adiposity even in male offspring of obesity-resistant rat dams: early endocrine risk markers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1045-R1059.	0.9	25
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85	The Early Life Nutritional Environment, Epigenetics and Developmental Programming of Disease: Evidence from Animal Models. , 2016, , 41-71.		0
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89	Gametes, Embryos, and Their Epigenome: Considerations for Equine Embryo Technologies. <i>Journal of Equine Veterinary Science</i> , 2016, 41, 13-21.	0.4	6
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94	Immunologic challenges of human reproduction: an evolving story. <i>Fertility and Sterility</i> , 2016, 106, 499-510.	0.5	41
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96	miRNA Regulation of Immune Tolerance in Early Pregnancy. <i>American Journal of Reproductive Immunology</i> , 2016, 75, 272-280.	1.2	43
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115	Non-coding RNA in Spermatogenesis and Epididymal Maturation. <i>Advances in Experimental Medicine and Biology</i> , 2016, 886, 95-120.	0.8	25
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134	A guide to designing germline-dependent epigenetic inheritance experiments in mammals. <i>Nature Methods</i> , 2017, 14, 243-249.	9.0	69
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145	Obesity, male infertility, and the sperm epigenome. <i>Fertility and Sterility</i> , 2017, 107, 848-859.	0.5	210
146	Effects of paternal obesity on growth and adiposity of male rat offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E117-E125.	1.8	39
148	Obesity, energy balance and spermatogenesis. <i>Reproduction</i> , 2017, 153, R173-R185.	1.1	75
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154	Analysis of the small non-protein-coding RNA profile of mouse spermatozoa reveals specific enrichment of piRNAs within mature spermatozoa. <i>RNA Biology</i> , 2017, 14, 1776-1790.	1.5	57
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156	The Long-Term Effects of the Periconceptional Period on Embryo Epigenetic Profile and Phenotype; The Paternal Role and His Contribution, and How Males Can Affect Offspring's Phenotype/Epigenetic Profile. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1014, 137-154.	0.8	17
157	Connecting the Dots Between Fatty Acids, Mitochondrial Function, and DNA Methylation in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2017, 19, 36.	2.0	3
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164	Paternal Diet and Obesity: Effects on Reproduction. <i>Seminars in Reproductive Medicine</i> , 2017, 35, 313-317.	0.5	6
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169	Epigenetics in fish gametes and early embryo. <i>Aquaculture</i> , 2017, 472, 93-106.	1.7	90
170	Environmental factors, epigenetics, and developmental origin of reproductive disorders. <i>Reproductive Toxicology</i> , 2017, 68, 85-104.	1.3	161
171	Homage to the 'H' in developmental origins of health and disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 8-29.	0.7	20

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174	Obese fathers lead to an altered metabolism and obesity in their children in adulthood: review of experimental and human studies. <i>Jornal De Pediatria (Versão Em Português)</i> , 2017, 93, 551-559.	0.2	2
175	Hypercaloric Diet Establishes Erectile Dysfunction in Rat: Mechanisms Underlying the Endothelial Damage. <i>Frontiers in Physiology</i> , 2017, 8, 760.	1.3	24
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