

# Intervention against hypertension in the next generation hypoxia

PLoS Biology

17, e2006552

DOI: [10.1371/journal.pbio.2006552](https://doi.org/10.1371/journal.pbio.2006552)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Perinatal iron deficiency combined with a high salt diet in adulthood causes sex-dependent vascular dysfunction in rats. <i>Journal of Physiology</i> , 2019, 597, 4715-4728.	2.9	8
2	Subcutaneous maternal resveratrol treatment increases uterine artery blood flow in the pregnant ewe and increases fetal but not cardiac growth. <i>Journal of Physiology</i> , 2019, 597, 5063-5077.	2.9	23
3	Fatty vessels shed tonnes on programmed cardiovascular risk. <i>Journal of Physiology</i> , 2019, 597, 5317-5318.	2.9	0
4	Gestational intermittent hypoxia induces endothelial dysfunction, reduces perivascular adiponectin and causes epigenetic changes in adult male offspring. <i>Journal of Physiology</i> , 2019, 597, 5349-5364.	2.9	43
5	Spermidine Prevents Heart Injury in Neonatal Rats Exposed to Intrauterine Hypoxia by Inhibiting Oxidative Stress and Mitochondrial Fragmentation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	22
6	Systematic review: Impact of resveratrol exposure during pregnancy on maternal and fetal outcomes in animal models of human pregnancy complications—Are we ready for the clinic?. <i>Pharmacological Research</i> , 2019, 144, 264-278.	7.1	28
7	Revisiting Sexually Transmitted Infection Screening and Treatment in Pregnancy. <i>Sexually Transmitted Diseases</i> , 2020, 47, 12-13.	1.7	0
8	Parental ancestry and risk of early pregnancy loss at high altitude. <i>FASEB Journal</i> , 2020, 34, 13741-13749.	0.5	7
9	The newborn sheep translational model for pulmonary arterial hypertension of the neonate at high altitude. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 452-463.	1.4	10
10	Translatable mitochondria-targeted protection against programmed cardiovascular dysfunction. <i>Science Advances</i> , 2020, 6, eabb1929.	10.3	41
11	Insights into sympathetic nervous system and GPCR interplay in fetal programming of hypertension: a bridge for new pharmacological strategies. <i>Drug Discovery Today</i> , 2020, 25, 739-747.	6.4	8
12	First evidence that intrinsic fetal heart rate variability exists and is affected by hypoxic pregnancy. <i>Journal of Physiology</i> , 2020, 598, 249-263.	2.9	26
13	Placenta-targeted treatment strategies: An opportunity to impact fetal development and improve offspring health later in life. <i>Pharmacological Research</i> , 2020, 157, 104836.	7.1	24
14	Impact of intrauterine hypoxia on adolescent and adult cognitive function in rat offspring: sexual differences and the effects of spermidine intervention. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 361-369.	6.1	9
15	Mitochondria antioxidant protection against cardiovascular dysfunction programmed by early-onset gestational hypoxia. <i>FASEB Journal</i> , 2021, 35, e21446.	0.5	11
16	Maternal antioxidant treatment protects adult offspring against memory loss and hippocampal atrophy in a rodent model of developmental hypoxia. <i>FASEB Journal</i> , 2021, 35, e21477.	0.5	15
17	Molecular regulation of lung maturation in near-term fetal sheep by maternal daily vitamin C treatment in late gestation. <i>Pediatric Research</i> , 2022, 91, 828-838.	2.3	5
18	Animal Models for DOHaD Research: Focus on Hypertension of Developmental Origins. <i>Biomedicines</i> , 2021, 9, 623.	3.2	31

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19	Ultrasound Parameters of Umbilical Artery Blood Flow Are Associated with Amniotic Fluid and Umbilical Artery Concentrations of Erythropoietin and Oxidative Stress Injury. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-7.	2.7	0
20	Beneficial effects of melatonin on prostanoids pathways in pulmonary hypertensive neonates. <i>Vascular Pharmacology</i> , 2021, 138, 106853.	2.1	6
21	Estrogen normalizes maternal HFD-induced cardiac hypertrophy in offspring by regulating AT2R. <i>Journal of Endocrinology</i> , 2021, 250, 1-12.	2.6	4
22	The biochemical estimation of the nitric oxide system in prenatally stressed rats. <i>Regional Blood Circulation and Microcirculation</i> , 2021, 20, 61-69.	0.3	0
23	The relationship of folate deficiency, hyperhomocysteinemia and glutathione metabolism in hypertensive patients. <i>Arterial Hypertension (Russian Federation)</i> , 2021, 26, 656-664.	0.4	2
24	Breath of Life: Heart Disease Link to Developmental Hypoxia. <i>Circulation</i> , 2021, 144, 1429-1443.	1.6	27
25	Maternal melatonin: Effective intervention against developmental programming of cardiovascular dysfunction in adult offspring of complicated pregnancy. <i>Journal of Pineal Research</i> , 2022, 72, e12766.	7.4	11
26	Noninvasive Biomarkers for Cardiovascular Dysfunction Programmed in Male Offspring of Adverse Pregnancy. <i>Hypertension</i> , 2021, 78, 1818-1828.	2.7	2
27	Impact of Prenatal Hypoxia on the Development and Behavior of the Rat Offspring. <i>Physiological Research</i> , 0, , S649-S659.	0.9	7
28	Effect of Combined Endurance Training and MitoQ on Cardiac Function and Serum Level of Antioxidants, NO, miR-126, and miR-27a in Hypertensive Individuals. <i>BioMed Research International</i> , 2022, 2022, 1-13.	1.9	12
29	Impact of prenatal hypoxia on the development and behavior of the rat offspring. <i>Physiological Research</i> , 2020, 69, S649-S659.	0.9	1
30	Oxidative Stress-Induced Hypertension of Developmental Origins: Preventive Aspects of Antioxidant Therapy. <i>Antioxidants</i> , 2022, 11, 511.	5.1	24
31	Prenatal Hypoxia Affects Foetal Cardiovascular Regulatory Mechanisms in a Sex- and Circadian-Dependent Manner: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2885.	4.1	10
32	Glucose and oxygen in the early intrauterine environment and their role in developmental abnormalities. <i>Seminars in Cell and Developmental Biology</i> , 2022, , .	5.0	2
33	Hypertension of Developmental Origins: Consideration of Gut Microbiome in Animal Models. <i>Biomedicines</i> , 2022, 10, 875.	3.2	12
34	Effects of Developmental Hypoxia on the Vertebrate Cardiovascular System. <i>Physiology</i> , 2023, 38, 53-62.	3.1	6
35	Differential influences of serum vitamin C on blood pressure based on age and sex in normotensive individuals. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	2
36	The Long-Term Effects of Prenatal Hypoxia on Coronary Artery Function of the Male and Female Offspring. <i>Biomedicines</i> , 2022, 10, 3019.	3.2	2

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37	Cardiometabolic and Renal DOHaD Outcomes in Offspring of Complicated Pregnancy. , 2022, , 85-99.		1
38	Fetal Cardiovascular Physiology. , 2023, , 107-122.		0
39	Combined Statin and Glucocorticoid Therapy for the Safer Treatment of Preterm Birth. Hypertension, 2023, 80, 837-851.	2.7	1
40	Molecular mechanisms underlying adverse effects of dexamethasone and betamethasone in the developing cardiovascular system. FASEB Journal, 2023, 37, .	0.5	0
41	MitoQ as an antenatal antioxidant treatment improves markers of lung maturation in healthy and hypoxic pregnancy. Journal of Physiology, 0, , .	2.9	0
42	Cardiovascular decline in offspring during the perinatal period in an ovine model of fetal growth restriction. American Journal of Physiology - Heart and Circulatory Physiology, 2023, 325, H1266-H1278.	3.2	1
43	YTHDF3 modulates the Cbln1 level by recruiting BTG2 and is implicated in the impaired cognition of prenatal hypoxia offspring. IScience, 2024, 27, 108703.	4.1	0