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## Human fetal sympathoadrenal responsiveness

DOI: 10.1016/0378-3782(90)90124-2  
Early Human Development, 1990, 23, 9-13.

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**Version:** 2024-04-28

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#	Paper	IF	Citations
50	Thyroid function in anemic fetuses. <i>Fetal Diagnosis and Therapy</i> , <b>1990</b> , 5, 109-13	2.4	2
49	Relations between the fetal circulation and pituitary-thyroid function. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>1991</b> , 98, 1163-7	3.7	8
48	Understanding the pathophysiology of intra-uterine growth retardation: the role of the 'lower limb reflex' in redistribution of blood flow. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>1992</b> , 46, 79-86	2.4	26
47	Fetal thyroid function. <i>Thyroid</i> , <b>1992</b> , 2, 207-17	6.2	101
46	Fetal biochemistry in growth retardation. <i>Early Human Development</i> , <b>1992</b> , 29, 91-7	2.2	33
45	Efficacy of low-dose dopamine infusion. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1993</b> , 82, 430-2	3.1	20
44	Fetal anaemia and its relation with increased concentrations of adenosine. <i>Archives of Disease in Childhood</i> , <b>1993</b> , 68, 35-6	2.2	8
43	Pheochromocytoma complicating pregnancy. <i>European Journal of Endocrinology</i> , <b>1994</b> , 130, 215-6	6.5	2
42	Behavioural states and cardiovascular dynamics in the human fetus; an overview. <i>Early Human Development</i> , <b>1994</b> , 37, 139-49	2.2	9
41	Low cord blood levels of catecholamine from a newborn of a pheochromocytoma patient. <i>European Journal of Endocrinology</i> , <b>1994</b> , 130, 217-9	6.5	78
40	Diagnosis of intrauterine growth retardation and its fetal and perinatal consequences. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>1994</b> , 399, 55-8; discussion 59	3.1	5
39	Fetal behaviour in normal and compromised fetuses. An overview. <i>Early Human Development</i> , <b>1995</b> , 43, 117-31	2.2	47
38	Developmental Character and Long-Term Consequences of Pain in Infants and Children. <i>Child and Adolescent Psychiatric Clinics of North America</i> , <b>1997</b> , 6, 703-724	3.3	40
37	Measurement of neonatal responses to painful stimuli: a research review. <i>Journal of Pain and Symptom Management</i> , <b>1997</b> , 14, 343-78	4.8	87
36	Clinical importance of pain and stress in preterm neonates. <i>Neonatology</i> , <b>1998</b> , 73, 1-9	4	289
35	Cardiac changes in fetuses secondary to immune hemolytic anemia and their relation to hemoglobin and catecholamine concentrations in fetal blood. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>1999</b> , 13, 396-400	5.8	13
34	Effects of perinatal pain and stress. <i>Progress in Brain Research</i> , <b>2000</b> , 122, 117-29	2.9	127

33	Fetal responses to placental insufficiency: an update. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , <b>2004</b> , 111, 1031-41	3.7	196
32	Randomised controlled trial evaluating effects of morphine on plasma adrenaline/noradrenaline concentrations in newborns. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2005</b> , 90, F36-40	4.7	40
31	Pain activates cortical areas in the preterm newborn brain. <i>Pain</i> , <b>2006</b> , 122, 109-17	8	332
30	Définition de l'asphyxie intrapartum et conséquences sur le devenir. <i>Revue Sage - Femme</i> , <b>2008</b> , 7, 79-86	0	3
29	[Definition of intrapartum asphyxia and effects on outcome]. <i>Journal De Gynécologie, Obstétrique Et Biologie De La Reproduction</i> , <b>2008</b> , 37 Suppl 1, S7-15		18
28	Consequences of a compromised intrauterine environment on islet function. <i>Journal of Endocrinology</i> , <b>2010</b> , 205, 211-24	4.7	82
27	Catecholamines mediate multiple fetal adaptations during placental insufficiency that contribute to intrauterine growth restriction: lessons from hyperthermic sheep. <i>Journal of Pregnancy</i> , <b>2011</b> , 2011, 740408	2.5	35
26	Developmental programming in response to intrauterine growth restriction impairs myoblast function and skeletal muscle metabolism. <i>Journal of Pregnancy</i> , <b>2012</b> , 2012, 631038	2.5	55
25	The fetal cardiovascular response to increased placental vascular impedance to flow determined with 4-dimensional ultrasound using spatiotemporal image correlation and virtual organ computer-aided analysis. <i>American Journal of Obstetrics and Gynecology</i> , <b>2013</b> , 208, 153.e1-13	6.4	7
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21	Infantile hemangiomas, retinopathy of prematurity and cancer: a common pathogenetic role of the adrenergic system. <i>Medicinal Research Reviews</i> , <b>2015</b> , 35, 619-52	14.4	29
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19	Adrenal Demedullation and Oxygen Supplementation Independently Increase Glucose-Stimulated Insulin Concentrations in Fetal Sheep With Intrauterine Growth Restriction. <i>Endocrinology</i> , <b>2016</b> , 157, 2104-15	4.8	30
18	Intrauterine growth-restricted sheep fetuses exhibit smaller hindlimb muscle fibers and lower proportions of insulin-sensitive Type I fibers near term. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R1020-9	3.2	29
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16	Fetal adaptations in insulin secretion result from high catecholamines during placental insufficiency. <i>Journal of Physiology</i> , <b>2017</b> , 595, 5103-5113	3.9	33

15	Islet adaptations in fetal sheep persist following chronic exposure to high norepinephrine. <i>Journal of Endocrinology</i> , <b>2017</b> , 232, 285-295	4.7	17
14	The impact of IUGR on pancreatic islet development and cell function. <i>Journal of Endocrinology</i> , <b>2017</b> , 235, R63-R76	4.7	40
13	ASAS-SSR Triennial Reproduction Symposium: Looking Back and Moving Forward-How Reproductive Physiology has Evolved: Fetal origins of impaired muscle growth and metabolic dysfunction: Lessons from the heat-stressed pregnant ewe. <i>Journal of Animal Science</i> , <b>2018</b> , 96, 2987-3002	0.7	25
12	Skeletal muscle protein accretion rates and hindlimb growth are reduced in late gestation intrauterine growth-restricted fetal sheep. <i>Journal of Physiology</i> , <b>2018</b> , 596, 67-82	3.9	33
11	3-Adrenoreceptors Control Mitochondrial Dormancy in Melanoma and Embryonic Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 6816508	6.7	21
10	How early media exposure may affect cognitive function: A review of results from observations in humans and experiments in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 9851-9858	11.5	37
9	Chronic Adrenergic Signaling Causes Abnormal RNA Expression of Proliferative Genes in Fetal Sheep Islets. <i>Endocrinology</i> , <b>2018</b> , 159, 3565-3578	4.8	9
8	Postnatal $\alpha$ adrenergic treatment improves insulin sensitivity in lambs with IUGR but not persistent defects in pancreatic islets or skeletal muscle. <i>Journal of Physiology</i> , <b>2019</b> , 597, 5835-5858	3.9	12
7	Chronically elevated norepinephrine concentrations lower glucose uptake in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2020</b> , 319, R255-R263	3.2	5
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