

## Genetics / Reproduction / Development

Effect of fetal undernutrition and postnatal overfeeding on rat adipose tissue and organ growth at early stages of postnatal development  
David Muñoz-Valverde, Pilar Rodríguez-Rodríguez, Perla Y. Gutierrez-Arzapalo, Angel L. López de Pablo, M. Carmen González, Rosario López-Giménez, Beatriz Somoza and

---

Sex differences in the behavioural and hypothalamic–pituitary–adrenal response to contextual fear conditioning in rats  
Núria Daviua, Raül Anderoa, Antonio Armarioa, Roser Nadala  
Science Direct, Volume 66, Issue 5, Pages 713–723, 2014 11; DOI : 10.1016/j.yhbeh.2014.09.015  
WEB >> <http://www.sciencedirect.com/science/article/pii/S0018506X14002037>

---

Anesthetic regimen for cardiac function evaluation by echocardiography in mice: comparison between ketamine, etomidate and isoflurane versus conscious state  
Olivier Lairez ; Laurent Lonjaret ; Stéphanie Ruiz ; Pauline Marchal ; Nicolas Franchitto ; Denis Calise ; Olivier Fourcade ; Jeanne Mialet-Perez ; Angelo Parini ; Vincent Minville  
Laboratory animals, , 2013 07 17; DOI : 10.1177/0023677213496236  
WEB >> <http://lan.sagepub.com/content/47/4/284.short>

---

Impact of perinatal prebiotic consumption on gestating mice and their offspring: a preliminary report.  
Desbours, N., Gourbeyre, P., Haure-Mirande, V., Darmaun, D., Champ, M., & Bodinier, M.  
British Journal of Nutrition, 107(09), 1245-1248, 2012 05; DOI : 10.1017/S0007114511004363  
WEB >> <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8549186&fileId=S0007114511004363#fn1>

---

Postnatal growth velocity modulates alterations of proteins involved in metabolism and neuronal plasticity in neonatal hypothalamus in rats born with intrauterine growth restriction  
Alexandre-Gouabau MC, Bailly E, Moyon TL, Grit IC, Coupé B, Le Drean G, Rogniaux HJ, Parnet P.  
J Nutr Biochem., 23(2):140-52, 2012 02

---

Nutrient restriction during early life reduces cell proliferation in the hippocampus at adulthood but does not impair the neuronal differentiation process of the new generated cells.  
Matos RJ, Orozco-Solís R, Lopes de Souza S, Manhães-de-Castro R, Bolaños-Jiménez F.  
Neuroscience, 196:16-24, 2011 11 24

---

Suppression of Amphiregulin/Epidermal Growth Factor Receptor Signals Contributes to the Protective Effects of Quercetin in Cirrhotic Rats<sup>1,2</sup>  
María J. Cuevas, Juliana Tieppo, Norma Possa Marroni, María J. Tuñón, and Javier González-Gallego  
J. of Nutrition, vol. 141 no. 7 1299-1305 , 2011 07 01  
WEB >> <http://jn.nutrition.org/content/141/7/1299.short>

---

Age-related changes in renal expression of oxidant and antioxidant enzymes and oxidative stress markers in male SHR and WKY rats  
Sónia Simão, Pedro Gomes, Vanda Pinto, Elisabete Silva, João S. Amaral, Bruno Igreja, Joana Afonso, Maria Paula Serrão, Maria João Pinho, Patrício Soares-da-Silva  
Experimental Gerontology, Volume 46, Issue 6, Pages 468–474, 2011 06  
WEB >> <http://www.sciencedirect.com/science/article/pii/S0531556511000532>

---

Genetic-Background Modulation of Core and Variable Autistic-Like Symptoms in Fmr1 Knock-Out Mice  
Susanna Pietropaolo, Aurélie Guillemot, Benoît Martin, Francesca R. D'Amato, Wim E. Crusio  
PLoS One, 6(2): e17073, 2011 01 12  
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3043074/?tool=pmcentrez>

---

Ovariectomy causes immunosenescence and oxi-inflamm-aging in peritoneal leukocytes of aged female mice similar to that in aged males  
Isabel Baeza, Nuria M. De Castro, Lorena Arranz, Jesús Fdez-Tresguerres and Mónica De la Fuente  
Biogerontology, Volume 12, Number 3, 227-238, 2010 12 31  
WEB >> <http://www.springerlink.com/content/j506ppq74734u12u/>

---

Intrauterine Growth Restriction Not Only Modifies the Cecocolonic Microbiota in Neonatal Rats But Also Affects Its Activity in Young Adult Rats  
Faça-Berthon, Pascale; Hoebler, Christine; Mouzet, Elodie; David, Agnès; Michel, Catherine  
J. of Pediatric Gastroenterology & Nutrition, Volume 51 - Issue 4 - p 402–413, 2010 10  
WEB >> [http://journals.lww.com/jpgn/Abstract/2010/10000/Intrauterine\\_Growth\\_Restriction\\_Not\\_Only\\_Modifies.4.aspx](http://journals.lww.com/jpgn/Abstract/2010/10000/Intrauterine_Growth_Restriction_Not_Only_Modifies.4.aspx)

---

Differential Regulation of Kiss1 Expression by Melatonin and Gonadal Hormones in Male and Female Syrian Hamsters  
L. Ansel, M. Bolborea, A.H. Bentsen, P. Klosen, J.D. Mikkelsen, V. Simonneau  
J. Biol Rhythms, vol. 25 no. 2 81-91 , 2010 04  
WEB >> <http://jbr.sagepub.com/content/25/2/81.short>

---

Maternal Perinatal Undernutrition Alters Postnatal Development of Chromaffin Cells in the Male Rat Adrenal Medulla  
Olivier Molendi-Coste, Christine Laborie, Maria Cristina Scarpa, Valérie Montel, Didier Vieau, Christophe Breton  
Neuroendocrinology, Vol. 90, No. 1, 54-66, 2009  
WEB >> <http://content.karger.com/ProdukteDB/produkte.asp?Aktion=ShowAbstract&ArtikelNr=209222&Ausgabe=249893&ProduktNr=0>

---

Retinoid-Sensitive Steps in Steroidogenesis in Fetal and Neonatal Rat Testes: In Vitro and In Vivo Studies  
Livera G, Pairault C, Lambrot R, Lelievre-Pegorier M, Saez JM, Habert R, Rouiller-Fabre V  
Biology of Reproduction, 70(6):1814-21, 2004 06  
WEB >> <http://www.biolreprod.org/content/70/6/1814.full>

---