

Maternal Protein Restriction in Rats Alters Postnatal Growth and Brain Lipid Sensing in Female Offspring

Valentine S. Moullé, Morgane Frapin, Valérie Amarger and Patricia Parnet

MDPI, Journals/Nutrients/Volume 15/Issue 2/10.3390/nu15020463, 2023 01 16; DOI : <https://doi.org/10.3390/nu15020463>

WEB >> <https://www.mdpi.com/2072-6643/15/2/463>

Deletion of osteopontin or bone sialoprotein induces opposite bone responses to mechanical stimulation in mice

M Maalouf, H Cina, W Boulefour, M Thomas, A Vanden-Bossche, N Laroche, M T Linossier, S Peyroche, M H Lafage-Proust, L Vico, A Guignandon, L Malaval

Pub Med, , 2022 09 17; DOI : <https://doi.org/10.1016/j.bonr.2022.101621>

The anti-inflammatory effects of Akkermansia muciniphila and its derivatives in HFD/CCL4-induced murine model of liver injury

Shahrbano Keshavarz Azizi Raftar, Fatemeh Ashrafiyan, Farzam Vaziri, Arfa Moshiri & Seyed Davar Siadat, Sara Abdollahiyan & Abbas Yadegar, Morteza Masoumi, Hamid Reza Moradi et Mohammad Reza Zali

Scientific Reports, Article number: 2453 (2022), 2022 02 14; DOI : <https://doi.org/10.1038/s41598-022-06414-1>

WEB >> <https://www.nature.com/articles/s41598-022-06414-1>

Supplementing Soy-Based Diet with Creatine in Rats: Implications for Cardiac Cell Signaling and Response to Doxorubicin

Laurence Kay ; Lucia Potenza ; Isabelle Hininger-Favier ; Hubert Roth ; Stéphane Attia ; Cindy Tellier ; Christian Zuppinger ; Cinzia Calcabrini ; Piero Sestili ; Theo Wallimann ; Uwe Schlattner ; Malgorzata Tokarska-Schlattner

MDPI, Journals, Nutrients, Volume 14, Issue 3, , 2022 01 28; DOI : <https://doi.org/10.3390/nu14030583>

WEB >> <https://www.mdpi.com/2072-6643/14/3/583/htm>

Extracellular vesicles and pasteurized cells derived from Akkermansia muciniphila protect against high-fat induced obesity in mice

Fatemeh Ashrafiyan, Shahrbano Keshavarz Azizi Raftar, Arefeh Shahryari, Hamid Reza Moradi, Morteza Masoumi, Mehdi Davari, Shohreh khatami, Mir Davood Omrani, Farzam Vaziri, Andrea Masotti & Seyed Davar Siadat

Biomedcentral, Microbial Cell Factories, 2021 12 04; DOI : <https://doi.org/10.1186/s12934-021-01709-w>

Comparative effects of alive and pasteurized Akkermansia muciniphila on normal diet-fed mice

Fatemeh Ashrafiyan, Shahrbano Keshavarz Azizi Raftar, Arefeh Shahryari, Ava Behrouzi, Rezvan Yaghoobfar, Arezou Lari, Hamid Reza Moradi, Shohreh Khatami, Mir Davood Omrani, Farzam Vaziri, Andrea Masotti & Seyed Davar Siadat

Scientific reports, , 2021 09 09; DOI : <https://doi.org/10.1038/s41598-021-95738-5>

The Postnatal Leptin Surge Supports Immune Cell Function in Rats

Caroline Hunsche, Oskarina Hernandez, Virginia Mela, M. Paz Viveros & Monica de la Fuente

Taylor & Francis Online, , 2021 06 14; DOI : <https://doi.org/10.1080/08820139.2021.1940199>

WEB >> <https://www.tandfonline.com/doi/full/10.1080/08820139.2021.1940199>

Anticonvulsive profile of two GABAB receptor antagonists on acute seizure mice models

Nicole Pagès, Pierre Maurois, Pierre Bac, Sergio Meza-Toledo, Javier Peralta-Cruz, Germán Chamorro-Cevallos, José Melesio, Cristóbal-Luna, Joseph Vamecc

Science Direct, Volume 174, August 2021, 106644, 2021 04 20; DOI : <https://doi.org/10.1016/j.eplepsyres.2021.106644>

WEB >> <https://www.sciencedirect.com/science/article/abs/pii/S0920121211000978#!>

Modulation of serotonin signaling/metabolism by Akkermansia muciniphila and its extracellular vesicles through the gut-brain axis in mice

Rezvan Yaghoobfar, Ava Behrouzi, Fatemeh Ashrafiyan, Arefeh Shahryari, Hamid Reza Moradi, Samira Chooapani, Shima Hadifar, Farzam Vaziri, Seyed Ali Nojumi, Abolfazl Fateh, Shohreh Khatami & Seyed Davar Siadat

Scientific Reports, 10, Article number: 22119 (2020), 2020 12 17; DOI : <https://doi.org/10.1038/s41598-020-79171-8>

Modeling undernutrition with enteropathy in mice

Emmeline Salameh, Marine Jarbeau, Fanny B. Morel, Mamane Zeilani, Moutaz Aziz, Pierre Déchelotte & Rachel Marion-Letellier

Scientific Reports, 10, Article number: 15581 (2020), 2020 09 24; DOI : <https://doi.org/10.1038/s41598-020-72705-0>

WEB >> <https://www.nature.com/articles/s41598-020-72705-0>

BIFIDOBACTERIA FOR TREATING DIABETES AND RELATED CONDITIONS

Burcelin, Remy (Kantvik, FI) ; Carcano, Didier (Paris, FR) ; Lahtinen, Sampo (Lohja, FI)

, , 2020 08 10

WEB >> <https://www.freepatentsonline.com/y2020/0316144.html>

Dietary Supplementation with Silicon-Enriched Spirulina Improves Arterial Remodeling and Function in Hypertensive Rats

Joanna Arthur-Ataam, Patrice Bideaux, Azzouz Charrabi, Pierre Sicard, Bérengère Fromy, Kiaoling Liu, Saadia Eddahibi, Côme Pasqualin, Nicolas Jouy, Sylvain Richard and Anne Virsolvy

Nutrients article MDPI, , 2019 10 25; DOI : <https://doi.org/10.3390/nu1112574>

An Operant Conditioning Task to Assess the Choice between Wheel Running and Palatable Food in Mice

Bastien Redon ; Imane Hurell ; Giovanni Marsicano ; Francis Chaouloff

BIO-PROTOCOL, , 2019 10 05; DOI : <https://doi.org/10.21769/BioProtoc.3381>

WEB >> <https://bio-protocol.org/e3381>

Neonatal Consumption of Oligosaccharides Greatly

Increases L-Cell Density without Significant

Consequence for Adult Eating Behavior

Gwenola Le Dréan, Anne-Lise Pocheron, Héléne Billard, Isabelle Grit, Anthony Pagniez, Patricia Parnet, Eric Chappuis, Malvyne Rolli-Derkinderen and Catherine Michel.

Neonatal Consumption of Oligosaccharides Greatly Increases L-Cell Density without Significant Consequence for Adult Eating Behavior

Gwenola Le Dréan, Anne-Lise Pocheron, Héléne Billard, Isabelle Grit, Anthony Pagniez, Patricia Parnet, Eric Chappuis, Malvyne Rolli-Derkinderen, Catherine Michel

PubMed, , 2019 08 21; DOI : 10.3390/nu11091967

WEB >> <https://pubmed.ncbi.nlm.nih.gov/31438620/>

Neonatal consumption of oligosaccharides deeply increases L-cells density without any significant consequence on adult eating behavior

Gwenola Le Dréan, Anne-Lise Pocheron, Héléne Billard, Isabelle Grit, Anthony Pagniez, Patricia Parnet, Eric Chappuis, Malvyne Rolli-Derkinderen and Catherine Michel

, , 2019 05 23; DOI : 10.31232/osf.io/yt378

WEB >> <https://osf.io/preprints/nutrivix/yt378/>

Effects of 6 weeks of betaine or C-phycoyanin supplementation associated or not with wheel running on redox status
Effet de six semaines de supplémentation en bêtaïne ou C-phycoyanine associée ou non à une activité physique sur le statut redox
C.Dupuisab.J.Y.Berthonc.J.LaruedeS.RougéabM.FilaireabfE.Filaireade
Science Direct, , 2017 11 11; DOI : <https://doi.org/10.1016/j.scispo.2017.08.006>
WEB >> <https://www.sciencedirect.com/science/article/pii/S0765159717301788#>

Maternal exercise modifies body composition and energy substrates handling in male offspring fed a high-fat/high-sucrose diet
Charline Quiclet, Hervé Dubouchaud, Phanélie Berthon, Hervé Sanchez, Guillaume Vial, Farida Siti, Eric Fontaine, Cécile Batandier and Karine Couturier
The Journal of Physiology, Volume 595, Issue 23, 1 December 2017, Pages 7049-7062, 2017 10 03; DOI : <https://doi.org/10.1113/JP274739>
WEB >> <https://physoc.onlinelibrary.wiley.com/doi/10.1113/JP274739>

Study of the Effects of Betaine and/or C-Phycocyanin on the Growth of Lung Cancer A549 Cells In Vitro and In Vivo
Rea Bingula, Carmen Dupuis, Chantal Pichon, Jean-Yves Berthon, Marc Filaire, Lucie Pigeon, and Edith Filaire
Hindawi Publishing Corporation, Volume 2016, Article ID 8162952, 11 pages, 2016 07 31; DOI : <http://dx.doi.org/10.1155/2016/8162952>
WEB >> http://scholar.google.fr/scholar_url?url=http://downloads.hindawi.com/journals/jo/2016/8162952.pdf&hl=fr&sa=X&scisig=AAGBfm3f2oBl_qodlQtFz2a_0XT9sJ2QxA&nossl=1&oi=

Fusion protein of retinol-binding protein and albumin domain III reduces liver fibrosis
Hongsik Lee, Hyeyun Jeong, Sangeun Park, Wonbaek Yoo, Soyoun Choi, Kyungmin Choi, Min-Goo Lee, Mihwa Lee, DaeRyong Cha, Young-Sik Kim, Jeeyoung Han, Wonkon Kim, Sun-Hwa Park, Junseo Oh
The EMBO Journal, , 2015 04 11; DOI : 10.15252/emmm.201404527
WEB >>

Fusion protein of retinol-binding protein and albumin domain III reduces liver fibrosis
Hongsik Lee, Hyeyun Jeong, Sangeun Park, Wonbaek Yoo, Soyoun Choi, Kyungmin Choi, Min-Goo Lee, Mihwa Lee, DaeRyong Cha, Young-Sik Kim, Jeeyoung Han, Wonkon Kim, Sun-Hwa Park & Junseo Oh

Glutamate presynaptic vesicular transporter and postsynaptic receptor levels correlate with spatial memory status in aging rat models
Caroline Ménarda, Rémi Quirion, Erika Vigneault, Sylvain Bouchard, Guylaine Ferland, Salah El Mestikawya, Pierrette Gaudreau
Science Direct, Volume 36, Issue 3, Pages 1471-1482, 2015 03; DOI : 10.1016/j.neurobiolaging.2014.11.013
WEB >> <http://www.sciencedirect.com/science/article/pii/S0197458014007726>

Tissue kallikrein is required for the cardioprotective effect of Cyclosporin A in myocardial ischemia in the mouse
G. Youcefa, E. Belaidie, L. Waeckela, L. Fazala, M. Clemessya, M.P. Vincenta, G. Zadigaea, C. Richera, F. Alhenc-Gelasa, M. Ovizee, A. Pizarra
Science Direct, Volume 94, Issue 1, 1 March 2015, Pages 22-29, 2015 01 23; DOI : 10.1016/j.bcp.2015.01.007
WEB >> <http://www.sciencedirect.com/science/article/pii/S0006295215000568>

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

Prewaning modulation of intestinal microbiota by oligosaccharides or amoxicillin can contribute to programming of adult microbiota in rats
Fanny B. Morel, PhD, Raish Oozeer, PhD, Hugues Piloquet, MD, Thomas Moyon, MSc, Anthony Pagniez, BSc, Jan Knol, PhD, Dominique Darmaun, MD, PhD, Catherine Michel, PhD
Nutrition, Volume 31, Issue 3, Pages 515-522, 2014 10 16; DOI : 10.1016/j.nut.2014.09.011

Ozone exposure triggers insulin resistance through muscle c-Jun N-terminal Kinases (JNKs) activation.
Vella RE, Pilon NJ, Zarrouki B, Croze ML, Koppe L, Guichardant M, Pesenti S, Chauvin MA, Rieusset J, Gélóën A, Soulage CO.
PubMed, , 2014 10 02
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/25277399>

Ozone Exposure Triggers Insulin Resistance Through Muscle c-Jun N-Terminal Kinase Activation
Roxane E. Vella, Nicolas J. Pilon, Bader Zarrouki, Marine L. Croze, Laetitia Koppe, Michel Guichardant, Sandra Pesenti, Marie-Agnès Chauvin, Jennifer Rieusset, Alain Gélóën and Christophe O. Soulage
Diabetes Journals, , 2014 09 27; DOI : 10.2337/db13-1181/-/DC1.
WEB >>

White Adipose Tissue Resilience to Insulin Deprivation and Replacement
Lilas Hadji, Emmanuelle Berger, Hédi Soula, Hubert Vidal, Alain Gélóën
PLoS One, , 2014 08 29
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0106214>

Retroverso analogs of spadin display increased antidepressant effects.
Veyssiere J, Moha Ou Maati H, Mazella J, Gaudriault G, Moreno S, Heurteaux C, Borsotto M.
Psychopharmacology, , 2014 08 02
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/25080852>

Does Exposure to a Radiofrequency Electromagnetic Field Modify Thermal Preference in Juvenile Rats?
Amandine Pelletier, Stéphane Delanaud, René de Seze, Véronique Bach, Jean-Pierre Libert, Nathalie Loos
PLoS One, , 2014 06 06
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0099007#pone-0099007-g003>

Glutamatergic signaling and low prodynorphin expression are associated with intact memory and reduced anxiety in rat models of healthy aging
Caroline Ménard, Rémi Quirion, Sylvain Bouchard, Guylaine Ferland, and Pierrette Gaudreau
Front Aging Neurosci., , 2014 05 07
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4019859/>

Glucose sensing O-GlcNAcylation pathway regulates the nuclear bile acid receptor farnesoid X receptor (FXR)
Wahiba Berrabah, Pierrette Aumercier, Céline Gheeraert, Héléne Dehondt, Emmanuel Bouchaert, Jérémy Alexandre, Maheul Ploton, Claire Mazuy, Sandrine Caron, Anne Tailleux, Jérôme Eeckhoutte, Tony Lefebvre, Bart Staels,* and Philippe Lefebvre.
Wiley Online Library, Volume 59, Issue 5, pages 2022–2033, May 2014, 2014 03 24; DOI : 10.1002/hep.26710

Tissue kallikrein deficiency, insulin resistance, and diabetes in mouse and man
Potier L, Waeckel L, Fumeron F, Bodin S, Fysekidis M, Chollet C, Bellili N, Bonnet F, Gusto G, Velho G, Marre M, Alhenc-Gelas F, Roussel R, Bouby N; DESIR Study Group.
J. of Endocrinology, 221 (2) 297-308, 2014 03 05; DOI : 10.1530/JOE-13-0529
WEB >> <http://joe.endocrinology-journals.org/content/221/2/297.short>

Disturbances in cholesterol, bile acid and glucose metabolism in peroxisomal 3-ketoacylCoA thiolase B deficient mice fed diets containing high or low fat contents
Valérie Nicolas-Francèsa, Ségolène Arnauda, Jacques Kaminska, Emiel Ver Loren van Themaat, Marie-Claude Clémenceta, Julie Chamoutona, Anne Athiasd, Jacques Groberf, Joseph Grestia, Pascal Degracea, Laurent Lagrostf, Norbert Latruffea, Stéphane Mandarda
Science Direct, Volume 98, March 2014, Pages 86–101, 2013 11 25; DOI : 10.1016/j.biochi.2013.11.014

Lipopolysaccharides-Mediated Increase in Glucose-Stimulated Insulin Secretion: Involvement of the GLP-1 Pathway
Anh Thoi Nguyen, Stéphane Mandard, Cédric Dray, Valérie Deckert, Philippe Valet, Philippe Besnard, Daniel J. Drucker, Laurent Lagrost and Jacques Grober
American Diabetes Association, vol. 63 no. 2 471-482, 2013 11 01; DOI : 10.2337/db13-0903
WEB >> <http://diabetes.diabetesjournals.org/content/63/2/471.abstract?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&fulltext=safe+augy&andorexactfulltext=and&searchid=1&FI>

The induction of cardiac ornithine decarboxylase by β 2-adrenergic agents is associated with calcium channels and phosphorylation of ERK1/2
Andrés J. López-Contreras, Maria Eugenia de la Morena, Bruno Ramos-Molina, Ana Lambertos, Asunción Cremades, Rafael Peñafiel
Journal of Cellular Biochemistry, Volume 114, Issue 9
September 2013

Controlled ingestion of kaolinite (5%) modulates enteric nitrergic innervation in rats
Florian Voinot, Caroline Fischer, Camille Schmidt, Laurence Ehret-Sabatier, Fabielle Angel
Fundamental and Clinical Pharmacology, 2013 06 25; DOI : 10.1111/fcp.12040
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/fcp.12040/abstract>

The Eicosapentaenoic Acid Metabolite 15-Deoxy- δ 12,14-Prostaglandin J3 Increases Adiponectin Secretion by Adipocytes Partly via a PPAR γ -Dependent Mechanism
Jennifer Leflis-Lacourtablaise ; Mairobys Socorro ; Alain Gélouën ; Patricia Daira ; Cyrille Debard ; Emmanuelle Loizon ; Michel Guichardant ; Zury Dominguez ; Hubert Vidal ; Michel Lagarde ; Nathalie Bernoud-Hubac
PLoS One, 2013 05 29
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0063997>

A novel metal–dye system for urinary phytate detection at micro-molar levels in rats
A. Costa-Bauza,*a F. Grases,a S. Fakierb and A. Rodríguez
Analytical Methods, 2013 04 18; DOI : 10.1039/C3AY26563C
WEB >> <http://pubs.rsc.org/en/content/articlelanding/2013/ay/c3ay26563c#divAbstract>

Sex-Dependent Psychoneuroendocrine Effects of THC and MDMA in an Animal Model of Adolescent Drug Consumption
Alvaro Llorente-Berzal, Emma Puighermanal, Aurelijus Burokas, Andrés Ozaita, Rafael Maldonado, Eva M. Marco, Maria-Paz Viveros
PLoS One, 2013 04 11
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0078386>

Retinoic Acid Deficiency Impairs the Vestibular Function
Raymond Romand, Wojciech Krezel, Mathieu Beranek, Laura Cammas, Valérie Fraulob, Nadia Messaddeq, Pascal Kessler, Eri Hashino and Pascal Dollé
The Journal of Neuroscience, 2013 03 27; DOI : 10.1523/JNEUROSCI.4618-12.2013
WEB >> <http://www.jneurosci.org/content/33/13/5856.full.pdf&sa=U&ei=ML5oU-O8GqXK8AGz-oCgDw&ved=0CEcQFjAl&usq=AFQjCNGjTF4HzBZnx5sXqUuOw425NriurQ>

Chronic treatment with myo-inositol reduces white adipose tissue accretion and improves insulin sensitivity in female mice.
Croze ML, Vella RE, Pillon NJ, Soula HA, Hadji L, Guichardant M, Soulage CO.
J Nutr Biochem, 24(2):457-66, 2013 02; DOI : 10.1016/j.jnutbio.2012.01.008
WEB >> <http://www.sciencedirect.com/science/article/pii/S095528631200040X>

Peripheral injections of melanin-concentrating hormone receptor 1 antagonist S38151 decrease food intake and body weight in rodent obesity models
Odile Della-Zuana, Valérie Audinot, Viviane Levenez, Alain Ktorza, Françoise Presse, Jean-Louis Nahon, and Jean A. Boutin
Frontiers in Endocrinology, 2012 12 21; DOI : 10.3389/fendo.2012.00160
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3527734/>

Sex-specific disturbances of the glutamate/GABA balance in the hippocampus of adult rats subjected to adolescent cannabinoid exposure.
Higuera-Matas A, Miguéns M, Coria SM, Assis MA, Borcel E, Del Olmo N, Ambrosio E.
Neuropharmacology, 62(5-6):1975-84, 2012 04
WEB >> <http://www.sciencedirect.com/science/article/pii/S0028390812000044>

Adipocytes Secrete Leukotrienes
Contribution to Obesity-Associated Inflammation and Insulin Resistance in Mice
Isabelle Mothe-Satney, Chantal Filloux, Hind Amghar, Catherine Pons, Virginie Bourlier, Jean Galitzky, Paul A. Grimaldi, Chloé C. Féral, Anne Bouloumié, Emmanuel Van Obberghen and Jaap G. Neels

Neurobehavioral and metabolic long-term consequences of neonatal maternal deprivation stress and adolescent olanzapine treatment in male and female rats
Alvaro Llorente-Berzal, Virginia Meia, Erika Borcel, Manuel Valero, Meritxell López-Gallardo, Maria-Paz Viveros, Eva M. Marco
Neuropharmacology, Volume 62, Issue 3, Pages 1332–1341, 2012 03
WEB >> <http://www.sciencedirect.com/science/article/pii/S0028390811003091>

High-Fat and Fructose Intake Induces Insulin Resistance, Dyslipidemia, and Liver Steatosis and Alters In Vivo Macrophage-to-Feces Reverse Cholesterol Transport in Hamsters 1–3

Pref-1 in brown adipose tissue: specific involvement in brown adipocyte differentiation and regulatory role of C/EBP δ
Jordi Armengol, Josep A Villena, Elayne Hondares, María C Carmona, Hei Sook Sul, Roser Iglesias, Marta Giralt and Francesc Villarroya
Biochemical J., 2012 02 13
WEB >> <http://www.biochemj.org/bj/imps/abs/BJ20111714.htm>

Activated platelets contribute to oxidized low-density lipoproteins and dysfunctional high-density lipoproteins through a phospholipase A2-dependent mechanism
Blache D, Gautier T, Tietge UJ, Lagrost L.
FASEB J., 26(2):927-37, 2012 02
WEB >> <http://www.fasebj.org/content/early/2011/10/28/fj.11-191593.short>

Analyzing the effects of a single episode of neonatal maternal deprivation on metabolite profiles in rat brain: a proton nuclear magnetic resonance spectroscopy study
R. Llorente, P. Villa, E.M. Marco, M.P. Viveros
Neuroscience, Volume 201, Pages 12–19, 2012 01 10
WEB >> <http://www.sciencedirect.com/science/article/pii/S0306452211013005>

Infant gut microbiota is protective against cow's milk allergy in mice despite immature ileal T-cell response
Bertrand Rodriguez, Guenolée Prioult, Feriel Hacini-Rachinel, Deborah Moine, Anne Bruttin, Catherine Ngom-Bru, Chantal Labellie, Ioannis Nicolis, Bernard Berger, Annick Mercenier, Marie-José Butel, Anne-Judith Waligora-Dupriet
FEMS Microbiology Ecology, Volume 79, Issue 1, pages 192–202, 2012 01

Postnatal overfeeding in rats leads to moderate overweight and to cardiometabolic and oxidative alterations in adulthood
Ahmed Habbout, Stephanie Delemasure, Françoise Goirand, Jean-Claude Guillaud, Franck Chabod, Mourad Sediki, Luc Rochette, Catherine Vergely
Biochimie, Volume 94, Issue 1, Pages 117-124, 2012 01
WEB >> <http://www.sciencedirect.com/science/article/pii/S0300908411003725>

Identification of GCN2 as new redox regulator for oxidative stress prevention in vivo
Chaveroux C, Lambert-Langlais S, Parry L, Carraro V, Jousse C, Maurin AC, Bruhat A, Marceau G, Sapin V, Averous J, Fafournoux P.
Biochemical and Biophysical Research Communications, 415(1):120-4, 2011 11 11
WEB >> <http://www.sciencedirect.com/science/article/pii/S0006291X11018249>

Allergenic and immunogenic potential of cow's milk β -lactoglobulin and caseins evidenced without adjuvant in germ-free mice
Stéphanie Morin, Hervé Bernard, Laetitia Przybylski-Nicaise, Gérard Corthier, Sylvie Rabot, Jean-Michel Wal, Stéphane Hazebrouck
Molecular Nutrition & Food Research, Volume 55, Issue 11, pages 1700–1707, 2011 11
WEB >> <http://onlinelibrary.wiley.com/doi/10.1002/mnfr.201100024/full>

Effects of di(2-ethylhexyl)phthalate on testicular oxidant/antioxidant status in selenium-deficient and selenium-supplemented rats
Pinar Erkekoglu, Belma Giray, Walid Rachidi, Isabelle Hininger-Favier, Anne-Marie Roussel, Alain Favier, Filiz Hincal
Environmental Toxicology, 2011 10 05
WEB >> <http://onlinelibrary.wiley.com/doi/10.1002/tox.20776/full>

Resveratrol prevents the wasting disorders of mechanical unloading by acting as a physical exercise mimetic in the rat
Mormken I, Stevens L, Bergouignan A, Desplanches D, Rudwill F, Chery I, Zahariev A, Zahn S, Stein TP, Sebedio JL, Pujos-Guillot E, Falempin M, Simon C, Coxam V, Andrianjafiniony T, Gauquelin-Koch G, Picquet F, Blanc S.
FASEB J., vol. 25 no. 10 3646-3660, 2011 10

Reproductive toxicity of di(2-ethylhexyl) phthalate in selenium-supplemented and selenium-deficient rats
Pinar Erkekoglu, N. Dilara Zeybek, Belma Giray, Esin Asan, Josiane Arnaud, Filiz Hincal
Drug and Chemical Toxicology, Vol. 34, No. 4, Pages 379-389, 2011 10
WEB >> <http://informahealthcare.com/doi/abs/10.3109/01480545.2010.547499>

Perinatal undernutrition affects the methylation and expression of the leptin gene in adults: implication for the understanding of metabolic syndrome
Jousse C, Parry L, Lambert-Langlais S, Maurin AC, Averous J, Bruhat A, Carraro V, Tost J, Letteron P, Chen P, Jockers R, Launay JM, Mallet J, Fafournoux P.
FASEB J., 25(9):3271-8, 2011 09
WEB >> <http://www.fasebj.org/content/25/9/3271.short>

Protection and reversal of hepatic fibrosis by red wine polyphenols in hyperhomocysteinemic mice.
Noll C, Raaf L, Planque C, Benard L, Secardin L, Petit E, Dairou J, Paul JL, Samuel JL, Delcayre C, Rodrigues-Lima F, Janel N.
J Nutr Biochem., 22(9):856-64, 2011 09; DOI : 10.1016/j.jnutbio.2010.07.010
WEB >> <http://www.sciencedirect.com/science/article/pii/S0955286310001890>

The α -asarone/clofibrate hybrid compound, 2-methoxy-4-(2-propenyl)phenoxyacetic acid (MPPA), is endowed with neuroprotective and anticonvulsant potentialities
Nicole Pagesa, Pierre Maurois, Pierre Bac, Jean Jacques Vanden Eynde, Joaquín Tamariz, Fernando Labarrios, Germán Chamorro, Joseph Vamecq
Biomedicine & Aging Pathology, Volume 1, Issue 4, Pages 210–215, 2011 09; DOI : 10.1016/j.biomag.2011.09.005
WEB >> <http://www.sciencedirect.com/science/article/pii/S2210522011000463>

Effect of red wine polyphenol dietary supplementation on two phase II enzymes in liver of hyperhomocysteinemic mice
Noll C, Dairou J, Ripoll C, Paul JL, Dupret JM, Delabar JM, Rodrigues-Lima F, Janel N.
Food and Chemical Toxicology, 49(8):1764-9, 2011 08
WEB >> <http://www.sciencedirect.com/science/article/pii/S0278691511001724>

Effects of controlled ingestion of kaolinite (5%) on food intake, gut morphology and in vitro motility in rats
Florian Voinot, Caroline Fischer, Amandine Bœuf, Camille Schmidt, Véronique Delval-Dubois, François Reichardt, Nicole Liewig, Bertrand Chaumande, Laurence Ehret-Sabatier, Jean-Hervé Lignot, Fabielle Angel
Fundamental & Clinical Pharmacology, 2011 07

Naringin, the major grapefruit flavonoid, specifically affects atherosclerosis development in diet-induced hypercholesterolemia in mice
Chanet A, Milenkovic D, Deval C, Potier M, Constans J, Mazur A, Bennetau-Pelissero C, Morand C, Bérard AM.
J Nutr Biochem., 2011 06 17
WEB >> <http://www.sciencedirect.com/science/article/pii/S0955286311000672>

Cerebrovascular hemodynamic correlates of aging in the Lou/c rat: A model of healthy aging
S. Dubeau, G. Ferland, P. Gaudreau, E. Beaumont, F. Lesage
NeuroImage, Volume 56, Issue 4, Pages 1892–1901, 2011 06 15
WEB >> <http://www.sciencedirect.com/science/article/pii/S1053811911003703>

Farnesoid X receptor deficiency improves glucose homeostasis in mouse models of obesity.
Prawitt J, Abdelkarim M, Stroeve JH, Popescu I, Duez H, Velagapudi VR, Dumont J, Bouchaert E, van Dijk TH, Lucas A, Dorchie E, Daoudi M, Lestavel S, Gonzalez FJ, Oresic M, Cariou B, Kuipers F, Caron S, Staels B.
Diabetes, 60(7):1861-71, 2011 06

Exposure in utero to maternal diabetes leads to glucose intolerance and high blood pressure with no major effects on lipid metabolism
B. Blondeau, B. Joly, C. Perret, S. Prince, P. Bruneval, M. Lelièvre-Pégorier, C. Fassot, J.-P. Duong Van Huyen
Diabetes & Metabolism, Volume 37, Issue 3, Pages 245–251, 2011 06
WEB >> <http://www.sciencedirect.com/science/article/pii/S1262363610002946>

The amino acid sensor GCN2 biases macronutrient selection during aging
Anne-Catherine Maurin, Cédric Chaveroux, Sarah Lambert-Langlais, Valérie Carraro, Céline Jousse, Alain Bruhat, Julien Averous, Laurent Parry, David Ron and Josette Alliot, et al.
European J. of Nutrition, 1-8, 2011 05 09; DOI : 10.1007/s00394-011-0205-4

Functional variability in corticosteroid receptors is a major component of strain differences in fat deposition and metabolic consequences of enriched diets in rat
Nathalie Marissal-Arvy, Allan Langlois, Claudine Tridon, Pierre Mormede
Metabolism, Volume 60, Issue 5, Pages 706–719, 2011 05
WEB >> <http://www.sciencedirect.com/science/article/pii/S0026049510002246>

Intestinal DMT1 Cotransporter Is Down-regulated by Hepcidin via Proteasome Internalization and Degradation
Brasse-Lagnel C, Karim Z, Letteron P, Bekri S, Bado A, Beaumont C.
Gastroenterology, 140(4):1261-1271.e1, 2011 04
WEB >> <http://www.sciencedirect.com/science/article/pii/S0016508510018822>

Germ-free status and altered caecal subdominant microbiota are associated with a high susceptibility to cow's milk allergy in mice
Bertrand Rodriguez, Guénoëlle Prioult, Rodrigo Bibiloni, Ioannis Nicolis, Annick Mercenier, Marie-José Butel, Anne-Judith Waligora-Dupriet
FEMS Microbiology Ecology, Volume 76, Issue 1, pages 133–144, 2011 04
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/j.1574-6941.2010.01035.x/full>

Modulatory effect of grape-seed procyanidins on local and systemic inflammation in diet-induced obesity rats
Ximena Terra, Víctor Pallarés, Anna Ardèvol, Cinta Bladé, Juan Fernández-Larrea, Gerard Pujadas, Josepa Salvadó, Lluís Arola, Mayte Blay
J Nutr Biochem., Volume 22, Issue 4, Pages 380–387, 2011 04
WEB >> <http://www.jnutbio.com/article/S0955-2863%2810%2900079-3/abstract>

Long Term Sex-Dependent Psychoneuroendocrine Effects of Maternal Deprivation and Juvenile Unpredictable Stress in Rats
Llorente, R., Miguel-Blanco, C., Aisa, B., Lachize, S., Borcel, E., Meijer, O. C., Ramirez, M. J., De Kloet, E. R. and Viveros, M. P.
J. of Neuroendocrinology, Volume 23, Issue 4, pages 329–344, 2011 04
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2826.2011.02109.x/full>

Differential Gene Expression in the Nucleus Accumbens and Frontal Cortex of Lewis and Fischer 344 Rats Relevant to Drug Addiction
A Higuera-Matas, G. L. Montoya, S.M Coria, M Miguéns, C García-Lecumberri, and E Ambrosio
Current Neuropharmacology, 9(1): 143–150, 2011 03
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3137170/>

Durable Improvement of Renal Function After Perindopril Withdrawal in Lyon Hypertensive Rats
Naelten, Gaëlle PhD; Liu, Kiao-Ling MD, PhD; Lo, Ming MD, PhD
J. of Cardiovascular Pharmacology, Volume 57 - Issue 2 - pp 240-245, 2011 02
WEB >> http://journals.lww.com/cardiovascularpharm/Abstract/2011/02000/Durable_Improvement_of_Renal_Function_After.15.aspx

Emulsified lipids increase endotoxemia: possible role in early postprandial low-grade inflammation.
Laugerette F, Vors C, Géloën A, Chauvin MA, Soulage C, Lambert-Porcheron S, Peretti N, Alligier M, Burcelin R, Laville M, Vidal H, Michalski MC.
J Nutr Biochem., 22(1):53-9, 2011 01
WEB >> <http://www.sciencedirect.com/science/article/pii/S0955286310000045>

Amino Acid Availability Controls TRB3 Transcription in Liver through the GCN2/eIF2 α /ATF4 Pathway
Valérie Carraro, Anne-Catherine Maurin, Sarah Lambert-Langlais, Julien Averous, Cédric Chaveroux, Laurent Parry, Céline Jousse, Daima Örd, Tónis Örd, Pierre Fafournoux, Alain Bruhat
PLoS One, 5(12): e15716, 2010 12

Cirsimarin, a potent antilipogenic flavonoid, decreases fat deposition in mice intra-abdominal adipose tissue
Zarrouki B, Pillon NJ, Kalbacher E, Soula HA, Nia N'Jomen G, Grand L, Chambert S, Geloën A, Soulage CO.
Int J Obes, 34(11):1566-75, 2010 11; DOI : 10.1038/ijo.2010.85
WEB >> <http://www.nature.com/ijo/journal/v34/n11/abs/ijo201085a.html>

Innate immune response triggered by triacyl lipid A is dependent on phospholipid transfer protein (PLTP) gene expression
Thomas Gautier, Catherine Paul, Valérie Deckert, Catherine Desrumaux, Alexis Klein, Jérôme Labbé, Naig Le Guern, Anne Athias, Serge Monier, Arlette Hammann, Ali Beltaieb, Jean-François Jeannin and Laurent Lagrost
The FASEB Journal., 2010 04 23; DOI : 10.1096/fj.09-152876

Dietary DHA: time course of tissue uptake and effects on cytokine secretion in mice
Jennifer Lefils, Alain Ge'loe'n, Hubert Vidal, Michel Lagarde and Nathalie Bernoud-Hubac
Br J Nutr., 104, 1304–1312, 2010 04; DOI : 10.1017/S0007114510002102
WEB >> <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=7918263>

Different strategies for reducing intestinal background radioactivity associated with imaging HSV1-tk expression using established radionucleoside probes
Alessandro Ruggiero, Peter Brader, Inna Serganova, Pat Zanzonico, Shangde Cai, Neil S. Lipman, Hedvig Hricak, Ronald G. Blasberg
Mol Imaging., 9 (1) : 47–58, 2010 02
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068838/?tool=pmcentrez>

Fenofibrate Simultaneously Induces Hepatic Fatty Acid Oxidation, Synthesis, and Elongation in Mice
Oosterveer MH, Grefhorst A, van Dijk TH, Havinga R, Staels B, Kuipers F, Groen AK, Reijngoud DJ
J. of Biological Chemistry, 284(49):34036-44, 2009 12 04
WEB >> <http://www.jbc.org/content/284/49/34036.abstract>

Genetic Analysis of Skull Shape Variation and Morphological Integration in the Mouse Using Interspecific Recombinant Congenic Strains between C57Bl/6 and Mice of the Mus spretus Species
Gaëtan Burgio, Michel Baylac, Evelyne Heyer, and Xavier Montagutelli
Society for the Study of Evolution, Evolution 63(10):2668-2686, 2009 10

Kallikrein protects against microalbuminuria in experimental type I diabetes
Sophie Bodin , Catherine Chollet , Nicolas Goncalves-Mendes , Joelle Gardes , Franck Pean , Didier Heudes , Patrick Bruneval , Michel Marre , Fran[ccedil]ois Alhenc-Gelas & Nadine Bouby
Kidney International, 76, 395–403, 2009 08 01

Effects of red wine polyphenolic compounds on paraoxonase-1 and lectin-like oxidized low-density lipoprotein receptor-1 in hyperhomocysteinemic mice.
Noll C, Hamelet J, Matulewicz E, Paul JL, Delabar JM, Janel N.
J Nutr Biochem., 20(8):586-96, 2009 08; DOI : 10.1016/j.jnutbio.2008.06.002
WEB >> <http://www.sciencedirect.com/science/article/pii/S0955286308001356>

Behavior of the Meat-Borne Bacterium *Lactobacillus sakei* during Its Transit through the Gastrointestinal Tracts of Axenic and Conventional Mice
Fabrizio Chiaromonte, Sébastien Blugeon, Stéphane Chaillou, Philippe Langella, and Monique Zagorec
Applied and Environmental Microbiology, 75(13): 4498–4505, 2009 07
WEB >> <http://aem.highwire.org/cgi/content/abstract/75/13/4498>

IMPLICATION OF CHROMOSOME 13 ON HYPERTENSION AND ASSOCIATED DISORDERS IN LYON HYPERTENSIVE (LH) RATS
S. Gilibert, A. Bataillard, J. Nussberger, J. Sassard, and A.E. Kwitek
J. of Hypertension, 27(6): 1186–1193, 2009 06
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2915542/?tool=pmcentrez>

Purified chickpea or lentil proteins impair VLDL metabolism and lipoprotein lipase activity in epididymal fat, but not in muscle, compared to casein, in growing rats
Ahmed Boualga, Josiane Prost, Douja Taleb-Senouci, Djamil Krouf, Omar Kharoubi, Myriem Lamri-Senhadij, Jacques Bellevill and Malika Bouchenak
European J. of Nutrition, Volume 48, Number 3, 162-169, 2009 04
WEB >> <http://www.springerlink.com/content/h6n167q1875j3417/>

Capillary endothelial but not lymphatic function is restored under rosiglitazone in Zucker Diabetic Fatty rats
Emmanuel Cosson, Francine Cohen-Boulakia, Karima Tarhaoui, Hubert Dabiré, Gérard Léger, Nathalie Charnaux, Roger Lestrade, Abraham Behar and Paul Valensi
Microvascular Research, Volume 77, Issue 2, Pages 220-225, 2009 03
WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WVN8-4V2NP7F-

Resveratrol supplementation worsen the dysregulation of genes involved in hepatic lipid homeostasis observed in hyperhomocysteinemic mice
Christophe Noll, Julien Hamelet, Véronique Ducros, Nicole Belin, Jean-Louis Paul, Jean-Maurice Delabar and Nathalie Janel
Food and Chemical Toxicology, Volume 47, Issue 1, Pages 230-236, 2009 01
WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T6P8-4TW14WX-

Selective decrease of bis(monoacylglycero)phosphate content in macrophages by high supplementation with docosahexaenoic acid
Jérôme Bouvier, Karin A. Zemski Berry, Françoise Hullin-Matsuda, Asami Makino, Sabine Michaud, Alain Geloën, Robert C. Murphy, Toshihide Kobayashi, Michel Lagarde, and Isabelle Delton-Vandenbroucke
J. of Lipid Research, Vol. 50, 243-255, 2009 09 22; DOI : 10.1194/jlr.M800300-JLR200

Cystathionine beta synthase deficiency induces catalase-mediated hydrogen peroxide detoxification in mice liver
Julien Hameleta, Virginie Seltzerb, Emile Petitb, Christophe Nolla, Karine Andreaub, Jean M. Delabara and Nathalie Janel
Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease, Volume 1782, Issues 7-8, Pages 482-488, 2008 08
WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T1Y-4SK62TY-

Phlebotomies or erythropoietin injections allow mobilization of iron stores in a mouse model mimicking intensive care anemia
Lasocki, Sigismond MD; Millot, Sarah MD; Andrieu, Valérie MD; Lettéron, Philippe BSc; Pilard, Nathalie BSc; Muzeau, Françoise BSc; Thibaudeau, Olivier BSc; Montravers, Philippe MD, PhD; Beaumont, Carole PhD
Critical Care Medicine, Volume 36 - Issue 8 - pp 2388-2394, 2008 08

Effect of Plasma Phospholipid Transfer Protein Deficiency on Lethal Endotoxemia in Mice
Thomas Gautier, Alexis Klein, Valérie Deckert, Catherine Desrumaux, Nicolas Ogier, Anne-Laure Sberna, Catherine Paul, Naig Le Guern, Anne Athias, Thomas Montange, Serge Monier, Françoise Piard, Xian-Cheng Jiang, David Masson and Laurent Lagrost
J. of Biological Chemistry, VOL. 283, NO. 27, pp. 18702–18710, 2008 07 04

Effects of Intranasal Administration of a Leptin-Secreting *Lactococcus lactis* Recombinant on Food Intake, Body Weight, and Immune Response of Mice
Luis G. Bermúdez-Humarán, Sébastien Nouaille, Vladimir Zilberfarb, Gérard Corthier, Alexandra Gruss, Philippe Langella, and Tarik Issad
Applied and Environmental Microbiology, 73(16): 5300–5307, 2007 08 29
WEB >> <http://aem.asm.org/cgi/content/abstract/73/16/5300>

C3H/HeJ mice carrying a toll-like receptor 4 mutation are protected against the development of insulin resistance in white adipose tissue in response to a high-fat diet
M. Poggi, D. Bastelica, P. Gual, M. A. Iglesias, T. Gremeaux, C. Knauf, F. Peiretti, M. Verdier, I. Juhan-Vague, J. F. Tanti, R. Burcelin and M. C. Alessi
Diabetologia, DOI 10.1007/s00125-007-0654-8, 2007 04 11
WEB >> <http://www.springerlink.com/content/u64w458910553761/>

In vivo effects of chronic contamination with depleted uranium on vitamin D3 metabolism in rat
Tissandié E, Guéguen Y, Lobaccaro JM, Grandcolas L, Voisin P, Aigueperse J, Gourmelon P, Souidi M.
Biochim Biophys Acta, 1770(2):266-72, 2007 02
WEB >> <http://www.sciencedirect.com/science/article/pii/S0304416506003059>

Constitutive delivery of bovine β -lactoglobulin to the digestive tracts of gnotobiotic mice by engineered *Lactobacillus casei*
S. Hazebrouck, R. Oozeer, K. Adel-Patient, P. Langella, S. Rabot, J.-M. Wal, and G. Corthier
Applied and Environmental Microbiology, 72(12): 7460–7467, 2006 12
WEB >> <http://cat.inist.fr/?aModele=afficheN&cpsid=18352630>

Acute pressure-natriuresis function shows early impairment in Lyon hypertensive rats
Miao, Chao-Yu; Liu, Kiao-Ling; Benzoni, Daniel; Sassard, Jean
J. of Hypertension, Volume 23 - Issue 6 - p 1225-1231, 2005 06
WEB >> http://journals.lww.com/hypertension/Abstract/2005/06000/Acute_pressure_natriuresis_function_shows_early.18.aspx

A new actimetry-based test of photic sensitization in a murine photosensitive magnesium depletion model
Bac, P., Pages, N., Maurois, P., German-Fattal, M., Durlach, J.
Methods Find Exp Clin Pharmacol, 27(10): 681, 2005; DOI : 10.1358/mf.2005.27.10.948880
WEB >> http://journals.prous.com/journals/servlet/xmlsl/pk_journals.xml_summary_pr?p_JournalId=6&p_RefId=948880&p_IsPs=N

Comparison of Fat Storage between Fischer 344 and Obesity-Resistant Lou/C Rats Fed Different Diets
Jean-Marie Héliers, Abdoulaye Diane, Allan Langlois, Christiane Larue-Achagiotis, Gilles Fromentin, Daniel Tomé, Pierre Mormède and Nathalie Marissal-Arvy
Obesity, 13, 3–10, 2005
WEB >> <http://www.nature.com/oby/journal/v13/n1/abs/oby20053a.html>

Fate of implanted syngenic muscle precursor cells in striated urethral sphincter of female rats: Perspectives for treatment of urinary incontinence
Michaël Peyromaure, Philippe Sebe, Christophe Praud, Gabrielle DeRocle, Nathalie Potin, Christian Pinset, Alain Sebille
Urology, Vol. 64, Issue 5, Pages 1037-1041, 2004 11
WEB >> [http://www.goldjournal.net/article/S0090-4295\(04\)00826-X/abstract](http://www.goldjournal.net/article/S0090-4295(04)00826-X/abstract)

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>

Oxyntomodulin and glicentin are potent inhibitors of the fed motility pattern in small intestine
S. Pellissier, K. Sasaki, D. Le-Nguyen, D. Bataille & C. Jarrousse
Neurogastroenterology & Motility, Volume 16 Issue 4, Pages 455 - 463, 2004 02 25
WEB >> <http://www3.interscience.wiley.com/journal/118804404/abstract>

Hypersensitivity of the Adrenal Cortex to Trophic and Secretory Effects of Angiotensin II in Lyon Genetically-Hypertensive Rats
Frédéric Aguilar; Ming Lo; Bruno Claustrat; José Maria Saez; Jean Sassard; Jacques Yuan Li
J. of hypertension, 43:87-93, 2004 01
WEB >> <http://hyper.ahajournals.org/cgi/content/full/43/1/87>

Effects of space food bar feeding on bone mass and metabolism in normal and unloaded rats
Erik Zérath, Xavier Holya, Catherine Andréa and Sylvie Renault
Nutrition Research, Volume 22, Issue 11, Pages 1309-1318, 2002 11
WEB >> <http://www.nrijournal.com/article/S0271-5317%2802%2900431-1/abstract>

Chronic V2 Vasopressin Receptor Stimulation Increases Basal Blood Pressure and Exacerbates Deoxycorticosterone Acetate-Salt Hypertension
Sandrine Fernandes, Patrick Bruneval, Albert Hagege, Didier Heudes, Saïd Ghostine and Nadine Bouby
Endocrinology, Vol. 143, No. 7 2759-2766, 2002 07
WEB >> <http://endo.endojournals.org/cgi/content/full/143/7/2759>

Only fibres promoting a stable butyrate producing colonic ecosystem decrease the rate of aberrant crypt foci in rats
P Perrin, F Pierre, Y Patry, M Champ, M Berreur, G Pradal, F Bornet, K Meflah, J Menanteau
GUT, 48(1):53-61, 2001 01
WEB >> <http://gut.bmj.com/content/48/1/53.abstract>

Differential effects of endurance training and creatine depletion on regional mitochondrial adaptations in rat skeletal muscle.
D Roussel, F Lhenry, L Ecochard, B Sempore, J L Rouanet, and R Favier
Biochemical J., 350(Pt 2): 547–553, 2000 09 01
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1221283/>

Dietary fish oil promotes positive inotropy of ouabain in the rat heart
Maixent JM, Gerbi A, Barbey O, Lan C, Jamme I, Burnet H, Nouvelot A, Lévy S, Cozzone PJ, Bernard M
Am. J. Physiology, 277(6 Pt 2):H2290-7, 1999 12
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/10600848?dopt=Abstract>

Effects of amino acids on bile acid-dependent and independent bile flow in the isolated perfused rat liver
Jean-Pascal De Bandt, Elisabeth Lasnier, Colette Rey, Colette Coudray-Lucas, Raoul Poupon, Jacqueline Giboudeau, Luc A Cynober
J. of Hepatology, Volume 30, Issue 5, Pages 843-849, 1999 05
WEB >> <http://www.jhep-elsevier.com/article/S0168-8278%2899%2980138-X/abstract>

Hindlimb immobilization applied to 21-day-old mdx mice prevents the occurrence of muscle degeneration
Asgar Mokhtarian, Jean Pascal Lefaucheur, Patrick C. Even, and Alain Sebille
J. of applied Physiology, Vol. 86, Issue 3, 924-931, 1999 03
WEB >> <http://jap.physiology.org/cgi/content/full/86/3/924>

Effects of L-Type Calcium Channel Activation on Renal Vascular Resistances in the Lyon Hypertensive Rat
Le Roy, Anne Laure; Messer-Létienne, Isabelle; Bernard, Nicole; Benzoni, Daniel
J. of Cardiovascular Pharmacology, Volume 33 - Issue 1 - pp 65-69, 1999 01
WEB >> http://journals.lww.com/cardiovascularpharm/Fulltext/1999/01000/Effects_of_L_Type_Calcium_Channel_Activation_on.10.aspx#

Urinary and Biliary Metabolic Patterns of Chlorothalonil in Germ-Free and Conventional Rats
Anne Hillenweck, Denis E. Corpet, James C. Killeen, Myron Bliss and Jean-Pierre Cravedi
J. of agricultural and food chemistry, 47 (7), pp 2898–2903, 1999
WEB >> <http://pubs.acs.org/doi/abs/10.1021/jf9811469>

Mechanisms of spontaneous baroreflex impairment in Lyon hypertensive rats
Pierre Lantelme, Catherine Cerutti, Ming Lo, Christian Z. Paultre, and Michel Ducher
Am. J. Physiology, 275: R920-R925, 1998 09
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/9728092?dopt=Abstract>

Alpha-1 Adrenergic Stimulation of Glucose Uptake in Rat White Adipocytes
G. Faintrenie and A. Gélouin
J. of Pharmacology, vol. 286 no. 2 607-610, 1998 08 01
WEB >> <http://jpet.aspetjournals.org/content/286/2/607.full>

Effects of dietary treatment of rats with eicosapentaenoic acid or docosahexaenoic acid on hepatic lipid metabolism
H Osmundsen, H Braud, F Beauseigneur, J Gresti, M Tsoko, and P Clouet
Biochemical J., 331, 153±160, 1998 04
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1219333/>

Plasma metabolites of quercetin and their antioxidant properties
Christine Morand, Vanessa Crespy, Claudine Manach, Catherine Besson, Christian Demigné, and Christian Rémésy
Am. J. Physiology, 275: R212-R219, 1998
WEB >> <http://ajpregu.physiology.org/cgi/content/abstract/275/1/R212>

Stimulating effects of sorbitol on ileal calcium transport in in situ perfused loopin rats.
Daniel AUCH+RE, Sylviane TARDIVEL, Jean-Claude GOUNELLE, Bernard LACOUR
Gastroentérologie Clinique et Biologique, Vol 21, N° 12, p. 960, 1997 12
WEB >> <http://www.em-consulte.com/article/97772>

Thermic transition and glycolytic capacity as critical events in the survival of rat liver slices after overnight cold hypoxic preservation
Hervé Morales, Henryk Taper, Pedro Buc Calderon
J. of Applied Toxicology, Volume 18 Issue 2, Pages 103 - 109, 1997 10 10
WEB >> <http://www3.interscience.wiley.com/journal/2475/abstract?CRETRY=1&SRETRY=0>

LIPID METABOLISM AND LIPOPROTEIN SUSCEPTIBILITY TO PEROXIDATION ARE AFFECTED BY A PROTEIN-DEFICIENT DIET IN THE RAT
Corinne Moundras, Christian Demigné, Christine Morand, Marie-Anne Levrat and Christian Rémésy
Nutrition Research, Volume 17, Issue 1, Pages 125-135 , 1997 01
WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TB1-3WD6780-

EUK-8 a synthetic catalytic scavenger of reactive oxygen species protects isolated iron-overloaded rat heart from functional and structural damage induced by ischemia/reperfusion
S. Pucheu, F. Boucher, T. Sulpice, N. Tresallet, Y. Bonhomme, B. Malfroy and J. de Leiris
Cardiovascular Drugs and Therapy, Volume 10, Number 3, 331-339, 1996 07
WEB >> <http://www.springerlink.com/content/7778g4267v447283>

Reproductive toxicity of chronic lead exposure in male and female mice
Pinon-Lataillade G, Thoreux-Manlay A, Coffigny H, Masse R, Soufir JC.
Hum Exp Toxicol., 14(11):872-8, 1995 11
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/8588947?dopt=Abstract>

EB 1089, a calcitriol analogue, decreases fetal calcium content when injected into pregnant rats
MJ Davicco, V Coxam, N Gaumet, P Lebecque and JP Barlet
Experimental Physiology, 80, 449-456, 1995 05 01
WEB >> <http://expphysiol.highwire.org/content/80/3/449.abstract>

Evidence for a Dual Effect of Acebutolol, a Beta Blocker, on the Mouse Humoral Immune Response
Sokan In, Anne-Dominique Le Lann, Gilbert J. Fournie and Hervé Benoist
Immunopharmacology and Immunotoxicology, Vol. 17, No. 3, Pages 529-550, 1995
WEB >> <http://informahealthcare.com/doi/abs/10.3109/08923979509016385>

Study of amino acid fluxes at steady state in isolated perfused rat liver
Jean-Pascal De Bandt, Colette Rey, Elisabeth Lasnier, Raoul Poupon, Jacqueline Giboudeau and Luc Cynober
Nutrition Clinique et Métabolisme, Volume 9, Issue 3, Pages 123-128 , 1995
WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6X0Y-4G4NSX2-5K&_user=10&_coverDate=12%2F31%2F1995&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1302408264&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=aeb56764e8a0362825bb6a566a88c418

Desferal prevents against cell lysis induced by hydrogen peroxide in hypoxic hepatocytes : a role for free iron in hypoxia-mediated cellular injury
LEFEBVRE V. ; BUC-CALDERON P.
Chemico-biological interactions, vol. 94, no1, pp. 37-48 (41 ref.), 1995
WEB >> <http://cat.inist.fr/?aModele=afficheN&cpsid=3381899>

Fermentable Polysaccharides That Enhance Fecal Bile Acid Excretion Lower Plasma Cholesterol and Apolipoprotein E-Rich HDL in Rats
Moundras C, Behr SR, Demigné C, Mazur A, Rémésy C
J. of Nutrition, 124(11):2179-88, 1994 11
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/7965202?dopt=Abstract>

Role of Dietary Propionic Acid and Bile Acid Excretion in the Hypocholesterolemic Effects of Oligosaccharides in Rats
Marie-Anne Levrat, Marie-Laure Favier, Corinne Moundras, Christian Rémésy, Christian Demigné and Christine Morand
J. of Nutrition, 124(4):531-8, 1994 04
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/8145075?dopt=Abstract>

Effets in vivo de la 24R, 25-dihydroxyvitamine D3 sur la phosphatase alcaline et la gamma-glutamyltransférase du rein de rats hypophysectomisés
T. X. Do, A. Girault, M. Prelot
Archives Of Physiology And Biochemistry, Volume 101, Issue 6, pages 367 - 369 , 1993 09
WEB >> <http://www.informaworld.com/smpp/content-content=a786537631&db=all>

Elevated neuropeptide Y in the arcuate nucleus of young obese Zucker rats may contribute to the development of their overeating.
Beck B, Bulet A, Bazin R, Nicolas JP, Bulet C
J. of Nutrition, 123(6):1168-72, 1993 06
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/8505677?dopt=Abstract>

Role of the intestinal acyl-CoA:cholesterol acyltransferase activity in the hyperresponse of diabetic rats to dietary cholesterol
Maechler P, Wollheim CB, Bentzen CL, Niesor E.
J. of Lipid Research, 33(10):1475-84, 1992 10
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/1431572?dopt=Abstract>

Effects of soybean fiber on cecal digestion in rats previously adapted to a fiber-free diet
Levrat MA, Behr SR, Rémésy C, Demigné C
J. of Nutrition, 121(5):672-8, 1991 05
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/1850456?dopt=Abstract>

Polyclonal Stimulation of Lymphocytes Induced by Beta Blockers in the Mouse: Influences of Age, Sex and Strain
Sokan In, Jacqueline Lulé and Gilbert J. Fournié
Immunopharmacology and Immunotoxicology, Vol. 12, No. 2, Pages 181-190, 1990
WEB >> <http://informahealthcare.com/doi/abs/10.3109/08923979009019668>

Extracellular Dna in Blood and Urine as a Potential Marker for Cytotoxicity and Nephrotoxicity in the Mouse
Lydie Bret Jacqueline Lulé, Jacques P. Pourrat and Gilbert J. Fournié
Renal Failure, Vol. 12, No. 3, Pages 133-139, 1990
WEB >> <http://informahealthcare.com/doi/abs/10.3109/08860229009065555>

Comparison of Tissue Disposition of Pentamidin Mesylate in the Rat after Aerosol or Parenteral Administration
Farinotti R, Pascaud MB, Girard PM, Guillot E, Certain A, Trouvin JH.
J. of Infectious Diseases, Vol. 160, No. 3, pp. 507-512, 1989 09
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/2760501>

In vivo determination of the caloric value of gum arabic in the male rat—biological data
P. E. Fournier, M. Fournier-Desvaux, J. Crouzette, S. Palombo, E. Vicaut
Food Additives and Contaminants, Part A, Volume 4, Issue 3, pages 233 - 246 , 1987 07
WEB >> <http://www.informaworld.com/smpp/content-content=a907626558&db=all>

Influence of the nature and the dose of the initiator on the development of premalignant and malignant lesions in rat hepatocarcinogenesis
V. Prétat, J. de Gerlache, M. Lans, H. Taper, M. Roberfroid
Teratogenesis, Carcinogenesis, and Mutagenesis, Volume 6 Issue 3, Pages 165 - 172, 1986
WEB >> <http://www3.interscience.wiley.com/journal/111091092/abstract?CRETRY=1&SRETRY=0>

Promoting effect of portocaval anastomosis in rat hepatocarcinogenesis
V. Prétat, J. Cl. Pector, H. Taper, M. Lans, J. de Gerlache and M. Roberfroid
Carcinogenesis, Volume 5, (9) 1151-1154, 1984 09
WEB >> <http://carcin.oxfordjournals.org/cgi/content/abstract/5/9/1151>

Intestinal Development in the Suckling Rat: Effects of Weaning, Diet Composition, and Glucocorticoids on Thymidine Kinase Activity and DNA Synthesis
BUTS, JEAN-PAUL; DE MEYER, ROGER
Pediatric Research, Volume 18 - Issue 2, 1984 02
WEB >> http://journals.lww.com/pedresearch/Abstract/1984/02000/Intestinal_Development_in_the_Suckling_Rat_6.aspx

Comparison of Different Models of Rat Liver Carcinogenesis: Conclusions from a Systemic Analysis
Jacque de Gerlache, Marc Lans, Veronique Pr at, Hendryk Taper and Marcel Roberfroid
Toxicologic Pathology, 12(4):374-82, 1984
WEB >> <http://tpx.sagepub.com/cgi/content/abstract/12/4/374>

Ontogeny of cell proliferation and DNA synthesis in rat colon: role of glucocorticoids
J. P. Buts, R. De Meyer and J. Kolanowski
Am. J. Physiology, 244: G469-G474, 1983 05
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/6846544?dopt=Abstract>

Hepatocyte ultrastructure in rats with portacaval shunt (A morphometric study of acinar zones)
Liliane Dubuisson, Paulette Bioulac, Jean Saric, and Charles Balabaud
Digestive Diseases and Sciences, Volume 27, Number 11, 1003-1010, 1982 11
WEB >> <http://www.springerlink.com/content/m0854l62057m1325/>

Effect of Chronic Alcohol Administration on Liver Morphology and on Brush Border Membrane Enzymes after Jejunoileal Bypass Operation in Rat
F. Raul, R. Noriega, C. Stock-Damge, M. Doffoel, J.F. Grenier
Digestion, Vol. 24, No. 4, 1982
WEB >> <http://www.online.karger.com/ProdukteDB/produkte.asp?Aktion=ShowPDF&ArtikelNr=198800&Ausgabe=242339&ProduktNr=223838&filename=198800.pdf>

Effet d'une carence prot ique mod er e sur la reproduction chez la rate et sur le d veloppement des jeunes jusqu'au sevrage
B. BECK, J. M. DOLLET J. P. MAX G. DEBRY
Reprod. Nutr. D velop., Volume 22, Number 5, 841 - 849, 1982
WEB >> http://rnd.edpsciences.org/index.php?option=article&access=standard&Itemid=129&url=/articles/rnd/abs/1982/06/RND_0181-1916_1982_22_5_ART0010/RND_0181-1916_1982_22_5_ART0010.html

Hypothalamic eIF2a Signaling Regulates Food Intake

CellPress, ,
WEB >> <http://www.cell.com/cms/attachment/2020603890/2040306671/mmc2.pdf>
